ENFORCER®

2020
FULL CATALOG

SECO-LARM
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SECO-LARM®
SL-1301-SAQ
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For All Your Security Needs

Wireless • Access • Sensors • Security
CCTV and Accessories • Audio/Video • Vehicle Security

Since
1971

2020-M2B-SLI

SECO-LARM®
www.seco-larm.com

About SECO-LARM®

SECO-LARM has long been the best choice for distributors and dealers around the world when it comes to the business side of security and this is true today more than ever.

Just compare this catalog to our catalog of a few years ago to see our aggressive growth in the kinds of products dealers and distributors need to serve the fast-changing requirements of their customers, including completely new lines of high-end video cameras, DVRs, and access control equipment.

A History of Innovation

SECO-LARM means innovation, with security technologies built around 40 years of R&D experience and over 200 domestic and international patents. We have been developing, manufacturing, and selling state-of-the-art security and access control products for 49 years.

Distributors and dealers in nearly 100 countries worldwide know they can count on us for a full range of access control, physical security, CCTV, A/V, and wireless components and solutions to satisfy their customer's requirements.

Customer Support

We provide a full range of marketing, pre-sales, and post-sales support as well as services needed to ensure our dealers, customers, and their assets receive the protection they require.

The Future Ahead

Whether it is security for customers at home, work, or in their vehicles, count on SECO-LARM for the technology and support to get nearly any security job done right.

Visit www.SECO-LARM.com for more information.

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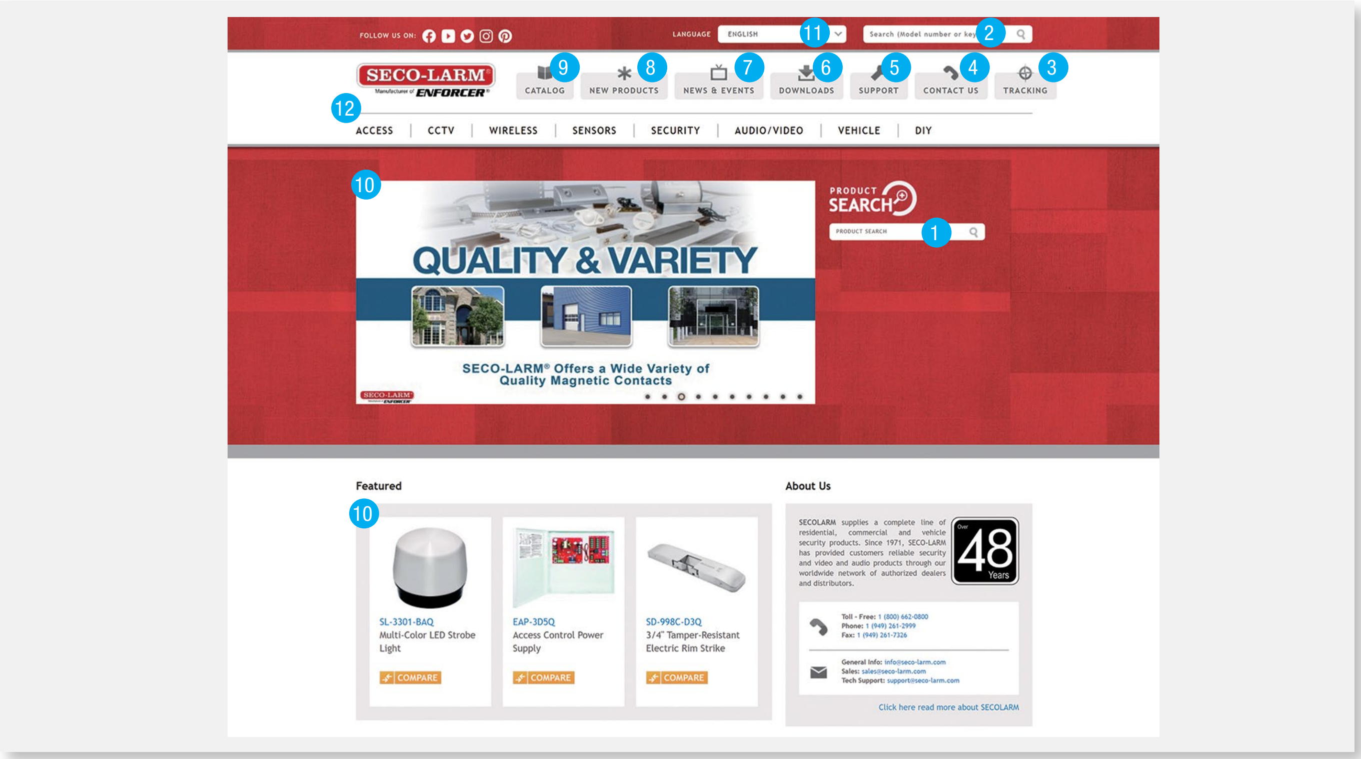
Navigating the SECO-LARM® Website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SECOLARM supplies a complete line of residential, commercial and vehicle security products. Since 1971, SECO-LARM has provided customers reliable security and video and audio products through our worldwide network of authorized dealers and distributors.

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General Info: info@seco-larm.com
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Tech Support: support@seco-larm.com

Our new, completely redesigned website is much more intuitive, more informative, and easier to use. Everything is right at your fingertips. You'll find our product search much easier to use. Type any part of a product name or model number and find what you want easily. Since you are often on the go, we now also offer a mobile version which includes the new search engine. Visit the new site and see for yourself!

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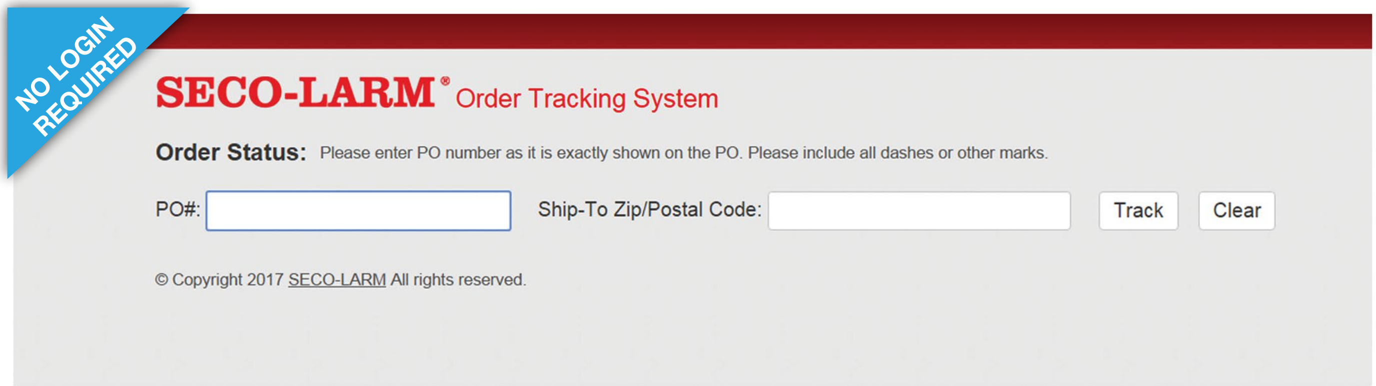
Online Tracking

Our online tracking dialog lets you follow your order from the moment it is entered into our system. You don't even need to login to find the most current information about your order, including shipping and tracking information and your packing list.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SECO-LARM® Order Tracking System
Track
Clear

Order Status: Please enter PO number as it is exactly shown on the PO. Please include all dashes or other marks.

PO#:

Ship-To Zip/Postal Code:

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Simple • Convenient • Security

Safety & Security

Controlled Access

Stand-Alone / Wiegand Readers Wiegand Proximity Readers

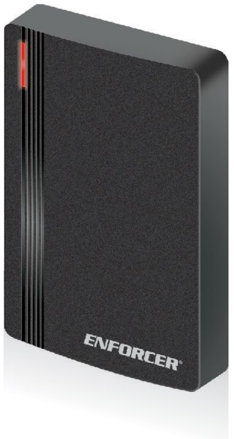
CE FC

- 9~24 VDC Operation
- Low current draw – 50mA max.
- Built-in buzzer for external alarm input
- Multicolor status LED
- EM 125kHz
- 10 User proximity cards included
- Outdoor rated – IP66
- Extreme cold tolerance to – 40° F (– 40° C)
- Wiegand output reader – EM26 bits
- Sturdy black ABS plastic housing

Mini Wiegand Reader
PR-2121-PQ

Mullion Wiegand Reader
PR-2123-PQ

Mullion Stand-Alone/ Wiegand Reader
PR-3123-PQ



Wiegand Reader
PR-2125-PQ

Stand-Alone/ Wiegand Reader
PR-3125-PQ

Accessories Available:

Proximity Card
PR-K1S1-A

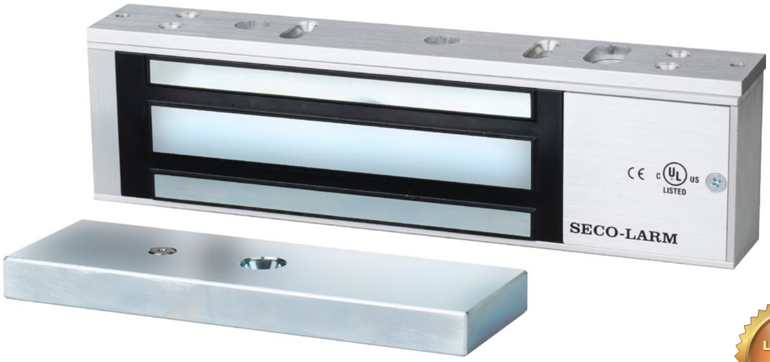
Key Fob Proximity Tags
PR-K1K1-AQ

Tel: (800) 662-0800 **Email:** sales@seco-larm.com
Fax: (949) 261-7326 **Website:** www.seco-larm.com

SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

SECO-LARM®
Manufacturer of ENFORCER®

1,200-lb Single-Door Maglocks



Features

- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941SA-1K2PD Only:

- Built-in 1~78 second timer

E-941SA-1K2PQ and E-941SA-1K2PD Only:

- Status LED – Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay

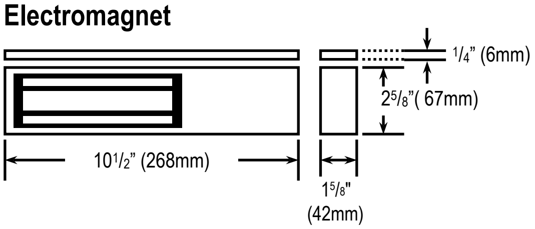
LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Specifications

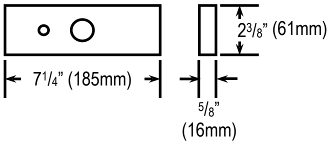
Model		E-941SA-1200	E-941SA-1K2PQ	E-941SA-1K2PD
Holding force		1,200-lb (545kg)		
Operating voltage		12/24 VDC		
Current draw	12VDC	500mA		
	24VDC	250mA		
Coil resistance		48Ω±10% per coil		
Bond sensor relay		N/A	3A@12VDC	
Status LED		N/A	Yes	
Timer		N/A		1~78 sec
Operating temperature		14°~131° F (-10°~55° C)		
Dimensions	Magnet	10½"x1⅝"x2⅝" (268x42x67 mm)		
	Armature plate	7¼"x⅝"x2⅜" (185x16x61 mm)		
Weight		11-lb (5kg)		

Dimensions

Electromagnet



Armature Plate



**E-941SA-1K2PD is not UL listed

Model Numbers

E-941SA-1200*
1,200-lb, single door, UL294 and UL1034

E-941SA-1K2PQ*
1,200-lb, single door, with bond sensor and status LED, UL listed

E-941SA-1K2PD**
1,200-lb, single door, with bond sensor, status LED, and timer

Accessories

E-941S-1K2/LQ
L-Bracket

E-941S-1K2/ZQ
Z-Bracket

E-941S-1K2/UQ
U-Bracket for glass doors

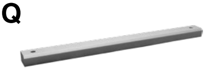
E-941S-1K2/PQ
Plate spacer

E-941S-1K2/HQ
Armature plate holder

E-941S-1K2/AP
Armature plate

E-941S-1K2/HP
Header plate

E-941S-1K2/F43Q
Filler plate, 1/2"



E-941S-1K2/F53Q
Filler plate, 5/8"

*UL Listing

E-941SA-1200	UL294, UL1034, UL10B, UL10C, ULC-S104
E-941SA-1K2PQ	UL10B, UL10C, ULC-S104

600-lb Single-Door Maglocks

SECO-LARM
LISTED

*

LIFETIME LIMITED WARRANTY

Features

- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941SA-600 Only:

- Listed under UL294 and UL1034

E-941SA-600PQ Only:

- Status LED – Built-in 2-color LED shows lock/unlock status
- Built-in bond sensor with 3A dry relay output for monitoring door status
- 3A@12VDC SPDT Relay

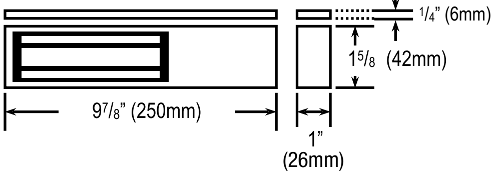
LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Specifications

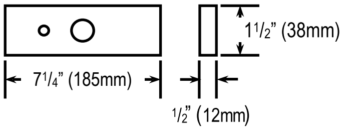
Model		E-941SA-600	E-941SA-600PQ
Holding force		600-lb (272kg)	
Operating voltage		12/24 VDC	
Current draw	12VDC	500mA	
	24VDC	250mA	
Coil resistance		48Ω±10% per coil	
Bond sensor relay		N/A	3A@12VDC
Status LED		N/A	Yes
Operating temperature		14°~131° F (-10°~55° C)	
Dimensions	Magnet	9⅞"x1¹⁄₁₆"x1⅝" (250x26x40 mm)	
	Armature plate	7¼"x½"x1½" (185x12x38 mm)	
Weight		4-lb 6-oz (2kg)	

Dimensions

Electromagnet



Armature Plate



*UL Listing

E-941SA-600	UL294, UL1034, UL10B, UL10C, ULC-S104
E-941SA-600PQ	UL10B, UL10C, ULC-S104

Model Numbers

E-941SA-600
600-lb, single door, UL294 and UL1034

E-941SA-600PQ
600-lb, single door, with bond sensor and status LED, UL listed

Accessories

E-941S-600/LQ
L-Bracket

E-941S-600/ZQ
Z-Bracket

E-941S-600/UQ
U-Bracket for glass doors

E-941S-600/PQ
Plate spacer

E-941S-600/HQ
Armature plate holder

E-941S-600/AP
Armature plate

E-941S-600/HP
Header plate

Applications

Typical Installation

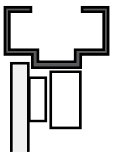
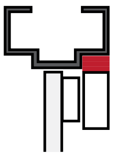
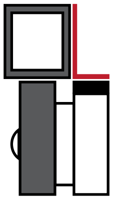


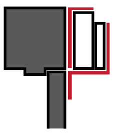
Plate Spacers



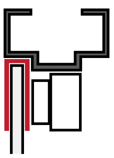
With "L" Bracket



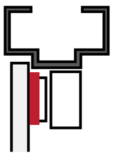
With "Z" and "L" Bracket



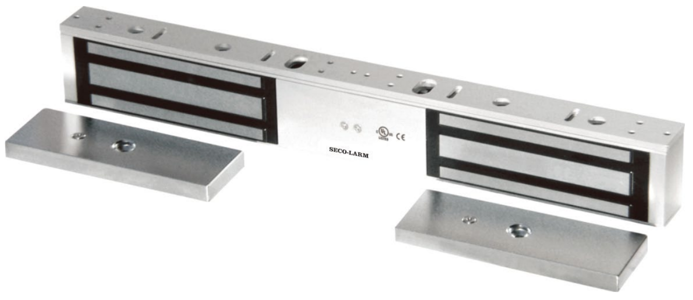
With "U" Bracket



With Armature Plate Holder



1,200-lb Double-Door Maglocks



C UL US LISTED *

Features

- 1,200-lb Holding force for each door
- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941DA-1K2P Only:

- Status LED – Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay for bond sensor

*UL Listing

UL10B, UL10C, ULC-S104

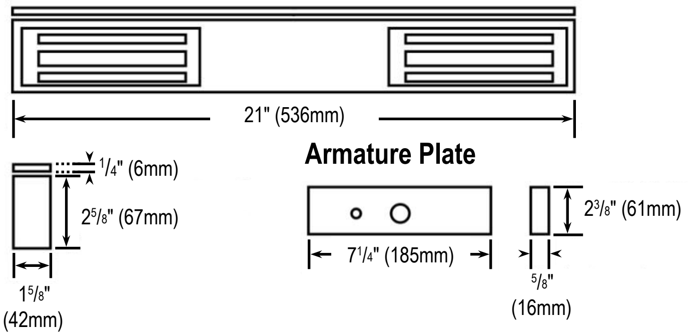
Specifications

Model		E-941DA-1K2Q	E-941DA-1K2P
Holding force		1,200-lb (545kg) per door	
Operating voltage		12/24 VDC	
Current draw	12VDC	500mA per door (1A total)	
	24VDC	250mA per door (500mA total)	
Coil resistance		48Ω±10% per coil	
Bond sensor relay		N/A	3A@12VDC
Status LED		N/A	Yes
Operating temperature		14°~131° F (-10°~55° C)	
Dimensions	Magnet	21"x1⅝"x2⅝" (536x42x67 mm)	
	Armature plate	7¼"x⅝"x2⅜" (185x16x61 mm)	
Weight		21-lb (10kg)	

Dimensions

Electromagnet

Armature Plate



Model Numbers

E-941DA-1K2Q
1,200-lb, double-door, UL listed

E-941DA-1K2P
1,200-lb, double-door, with bond sensor and status LED, UL listed

LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Accessories

E-941S-1K2/LQ
L-Bracket

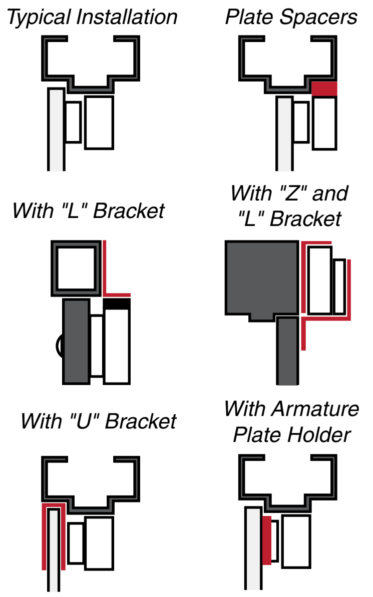
E-941S-1K2/ZQ
Z-Bracket

E-941S-1K2/UQ
U-Bracket

E-941D-1K2/P
Plate spacer

E-941S-1K2/HQ
Armature plate holder

Applications



Typical Installation

Plate Spacers

With "L" Bracket

With "Z" and "L" Bracket

With "U" Bracket

With Armature Plate Holder

600-lb Double-Door Maglocks

c UL us LISTED *

LIFETIME LIMITED WARRANTY

Model Numbers

E-941DA-600Q
600-lb, double-door, UL listed

E-941DA-600PQ
600-lb, double-door, with bond sensor and status LED, UL listed

LED	Status
Green	Door is closed and locked
Red	Door not closed and/or locked
Off	Door in use / No power

Features

- 600-lb Holding force for each door
- Anodized aluminum housing (US 28)
- Dual voltage: 12/24 VDC Operation
- No residual magnetism
- Detachable faceplate
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included

E-941DA-600PQ Only:

- Status LED - Built-in 2-color LED shows lock status
- Built-in bond sensor with 3-amp dry relay output for monitoring door status
- 3A@12VDC SPDT Relay for bond sensor

*UL Listing

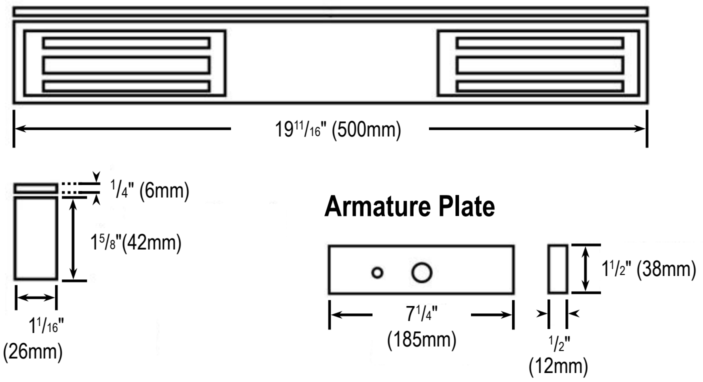
UL10B, UL10C, ULC-S104

Specifications

Model		E-941DA-600Q	E-941DA-600PQ
Holding force		600-lb (272kg) per door	
Operating voltage		12/24 VDC	
Current draw	12VDC	500mA per door (1A total)	
	24VDC	250mA per door (500mA total)	
Coil resistance		48Ω±10% per coil	
Bond sensor relay		N/A	3A@12VDC
Status LED		N/A	Yes
Operating temperature		14°~131° F (-10°~55° C)	
Dimensions	Magnet	19 11/16"x1 1/16"x1 5/8" (500x26x40 mm)	
	Armature plate	7¼"x½"x1½" (185x12x38 mm)	
Weight		9-lb (4kg)	

Dimensions

Electromagnet



Armature Plate

Accessories

E-941S-600/LQ
L-Bracket

E-941S-600/ZQ
Z-Bracket

E-941S-600/UQ
U-Bracket

E-941D-600/PQ
Plate spacer

E-941S-600/HQ
Armature plate holder

Applications

Typical Installation

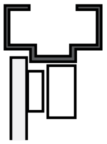
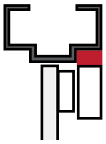
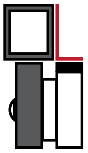


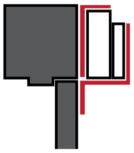
Plate Spacers



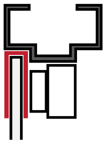
With "L" Bracket



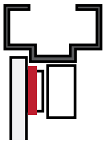
With "Z" and "L" Bracket



With "U" Bracket



With Armature Plate Holder



1,500-lb Single-Door Maglock

Model Number

E-941SA-1K5Q*

1500-lb Holding force@12/24 VDC

Features

- No residual magnetism
- Adjustable mounting bracket
- MOV surge protection
- Anodized aluminum housing (US 28)
- Complete mounting hardware included
- "L" bracket and "Z" brackets available for easy mounting
- 12/24 VDC Operation
- Detachable faceplate

300-lb Single-Door Maglock

Model Number

E-941SA-300*

300-lb Holding force, indoor/outdoor use

Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included
- Weather-resistant for outdoor use (IP67)
- Pre-wired 36" (91cm) cable
- 12VDC Operation
- Stainless steel housing
- Dimensions
  - Magnet: 6¾"x1"x1¼" (170x23x32 mm)
  - Armature Plate (E-941S-300/AP): 6"x$^{3}/_{8}$"x1¼" (152x10x32 mm)

LIFETIME LIMITED WARRANTY

300-lb Single-Door Maglock

Model Number

E-941SA-300RQ*

300-lb Holding force, indoor use only

Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Complete mounting hardware included
- Anodized aluminum housing (US 28)
- Reversible installation
- Detachable faceplate
- 12/24 VDC Operation
- Optional mounting brackets available
- Dimensions
  - Magnet: 7$^{7}/_{8}$"x1"x1$^{3}/_{8}$" (200x24x35 mm)
  - Armature Plate (E-941S-300/AP): 6"x$^{3}/_{8}$"x1¼" (152x10x32 mm)

LIFETIME LIMITED WARRANTY

80-lb Single-Door Maglock

Model Number

E-941SA-80Q

80-lb Holding force@12VDC

110-lb Holding force@24VDC

Features

- No residual magnetism
- Adjustable mounting bracket
- MOV Surge protection
- Anodized aluminum housing (US 28)
- For small, minimum security doors including cabinets and drawers
- 12~24 VDC Operation
- Detachable mounting bracket for easy installation
- Weather-resistant for outdoor use (IP67)
- Current draw
  - 12VDC: 85mA
  - 24VDC: 165mA
- Dimensions
  - Magnet: 2$^{3}/_{4}$"x$^{13}/_{16}$"x1$^{1}/_{4}$" (70x20x31 mm)
  - Armature Plate: 2$^{3}/_{8}$"x$^{3}/_{8}$"x1$^{1}/_{4}$" (60x9x31 mm)

LIFETIME LIMITED WARRANTY

*For additional information on SECO-LARM Maglock Accessories see page 11.

Mounting Brackets

Z-Brackets

Model Numbers:	Compatible with:
E-941S300R/ZQ	E-941SA-300RQ
E-941S-600/ZQ	E-941SA-600, E-941SA-600PQ, E-941DA-600Q,E-941DA-600PQ
E-941S-1K2/ZQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P
E-941S-1K5/ZQ	E-941SA-1K5Q

L-Brackets

Model Numbers:	Compatible with:
E-941S300R/LQ	E-941SA-300RQ
E-941S-600/LQ	E-941SA-600, E-941SA-600PQ, E-941DA-600Q, E-941DA-600PQ
E-941S-1K2/LQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P
E-941S-1K5/LQ	E-941SA-1K5Q

U-Brackets

Model Numbers:	Compatible with:
E-941S300R/UQ	E-941SA-300RQ
E-941S-600/UQ	E-941SA-600, E-941SA-600PQ, E-941DA-600Q, E-941DA-600PQ
E-941S-1K2/UQ	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P, E-941SA-1K5Q

Plate Spacers

Model Numbers:	Compatible with:
E-941S300R/PQ	E-941SA-300RQ
E-941S-600/PQ	E-941SA-600, E-941SA-600PQ
E-941S-1K2/PQ	E-941SA-1200, E-941SA-1K2PQ
E-941S-1K5/PQ	E-941SA-1K5Q
E-941D-600/PQ	E-941DA-600Q, E-941DA-600PQ
E-941D-1K2/P	E-941DA-1K2Q, E-941DA-1K2P

Armature Plates and Holders

Model Numbers:	Compatible with:
E-941S-600/HQ (Holder)	E-941SA-600, E-941SA-600PQ, E-941DA-600Q, E-941DA-600PQ
E-941S-1K2/HQ (Holder)	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-941DA-1K2Q, E-941DA-1K2P, E-941SA-1K5Q
E-941S-600/AP (Plate)	E-941SA-600, E-941SA-600PQ
E-941S-1K2/AP (Plate)	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD, E-942FC-1K3SQ, E-946FC-1K2SQ, E-942FC-1300, E-942FC-1K2Q, E-941SA-1K5Q

Header Plates

Model Numbers:	Compatible with:
E-941S-600/HP	E-941S-600, E-941S-600PQ
E-941S-1K2/HP	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD

Filler Plates

NEW

Model Numbers:	Compatible with:
E-941S-1K2/F43Q	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD
E-941S-1K2/F53Q	E-941SA-1200, E-941SA-1K2PQ, E-941SA-1K2PD

Note: Brackets and spacers not available for E-941SA-300

Electromagnetic Gate Locks

LIFETIME LIMITED WARRANTY

c UL us LISTED *

E-942FC-600

E-946FC-600Q

Face and surface mounting

E-942FC-1300

E-946FC-1K2Q

Face and surface mounting

*UL Listing

UL10B, UL10C, ULC-S104

Model Numbers

E-942FC-600
600-lb Holding force, face-mount

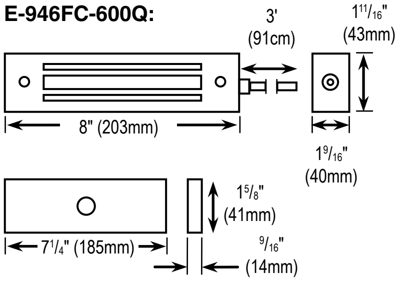
E-942FC-1300
1,200-lb Holding force, face-mount

E-946FC-600Q
600-lb Holding force, face and surface mount

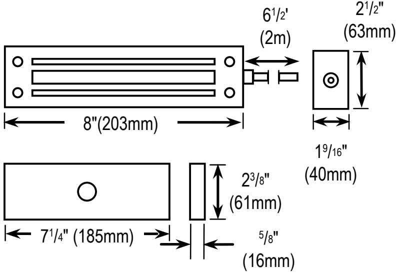
E-946FC-1K2Q
1,200-lb Holding force, face and surface mount

Dimensions

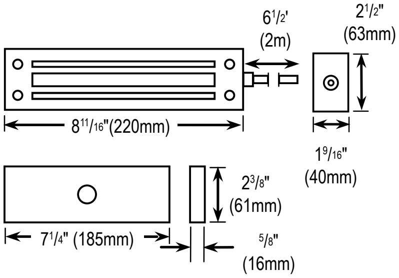
E-942FC-600 & E-946FC-600Q:


3' (91cm)
1 11/16" (43mm)
8" (203mm)
1 9/16" (40mm)
1 5/8" (41mm)
7 1/4" (185mm)
9/16" (14mm)

E-942FC-1300:


6 1/2' (2m)
2 1/2" (63mm)
8"(203mm)
1 9/16" (40mm)
2 3/8" (61mm)
7 1/4" (185mm)
5/8" (16mm)

E-946FC-1K2Q:


6 1/2' (2m)
2 1/2" (63mm)
8 11/16"(220mm)
1 9/16" (40mm)
2 3/8" (61mm)
7 1/4" (185mm)
5/8" (16mm)

Features

- Face or surface mounting
- For indoor & outdoor applications
- For sliding or swinging gates
- Weather-resistant (IP67) and vandal resistant
- Maintenance-free, factory-sealed design
- Dual-threaded conduit fitting
- Attractive stainless steel housing
- Dual voltage: 12/24 VDC Operation
- 6½ft (2m) Hookup cord (E-946FC-1K2Q and E-942FC-1300)
- 3ft (91cm) Hookup cord (E-946FC-600Q and E-942FC-600)
- No residual magnetism
- MOV Surge protection
- Complete mounting hardware included
- "L" and "Z" brackets available
- Current draw
  - 12VDC: 500mA
  - 24VDC: 250mA

Accessories

E-941S-1K2/AP
Armature Plate for:
E-942FC-1K3SQ
E-942FC-1K2Q
E-946FC-1K2SQ
E-946FC-1300

E-942F-600/L
L-Bracket for:
E-942FC-600
E-946FC-600Q

E-946F-1K2/LQ
L-Bracket for:
E-946FC-1K2Q

E-942F-1300/L
L-Bracket for:
E-942FC-1300

E-942F-600/AP
Armature Plate for:
E-942FC-600
E-942FC-600Q
E-942FC-600SQ

E-942F-600/Z
Z-Bracket for:
E-942FC-600
E-946FC-600Q

E-942F1300/ZQ
Z-Bracket for:
E-942FC-1300
E-946FC-1K3Q

Weldable Magnetic Gate Locks

LIFETIME LIMITED WARRANTY

E-942FC-600SQ

E-942FC-1K3SQ

E-946FC-1K2SQ

Features

- For sliding or swinging gates
- Weld or bolt brackets directly to the gate
- Brackets are zinc-plated for corrosion resistance
- Weather-resistant (IP67) and vandal resistant
- Maintenance-free, factory-sealed design
  Dual-threaded conduit fitting
- Attractive stainless steel housing
- No residual magnetism
- MOV Surge protection
- Junction box with 4 knockouts

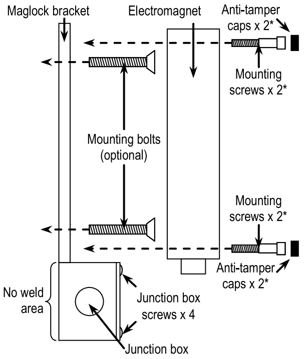
Specifications

Model		E-942FC-600SQ	E-942FC-1K3SQ	E-946FC-1K2SQ
Holding force		600-lb (272kg)	1,200-lb (544kg)	
Operating voltage		12/24 VDC		
Current draw	12VDC	500mA		
	24VDC	250mA		
Operating temperature		14°~131° F (-10°~55° C)		

Mounting Diagram

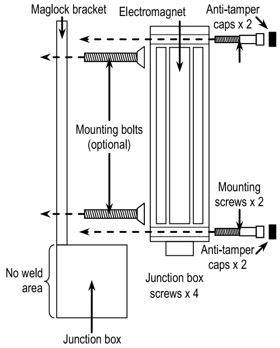
E-942FC-1K3SQ, E-942FC-600SQ

(Face Mount)


Maglock bracket
Electromagnet
Anti-tamper caps x 2*
Mounting screws x 2*
Mounting bolts (optional)
Mounting screws x 2*
Anti-tamper caps x 2*
No weld area
Junction box screws x 4
Junction box

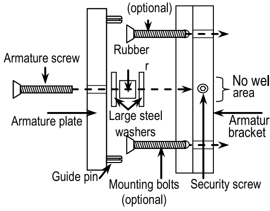
E-946FC-1K2SQ

(Surface Mount)


Maglock bracket
Electromagnet
Anti-tamper caps x 2
Mounting bolts (optional)
Mounting screws x 2
Anti-tamper caps x 2
No weld area
Junction box screws x 4
Junction box

Armature Mounting

(All Models)


Mounting bolts (optional)
Armature screw
Rubber
No weld area
Armature plate
Large steel washers
Armature bracket
Guide pin
Mounting bolts (optional)
Security screw

Model Numbers

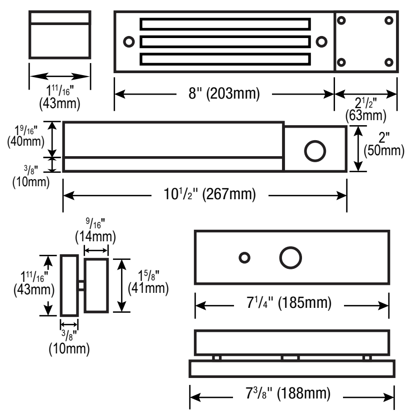
E-942FC-600SQ
600-lb Holding force, face mounting

E-942FC-1K3SQ
1,200-lb Holding force, face mounting

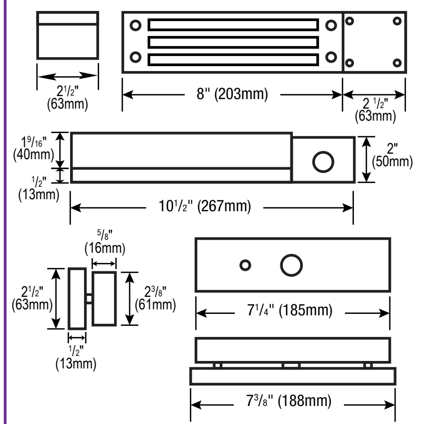
E-946FC-1K2SQ
1,200-lb Holding force, face and surface mounting

Dimensions

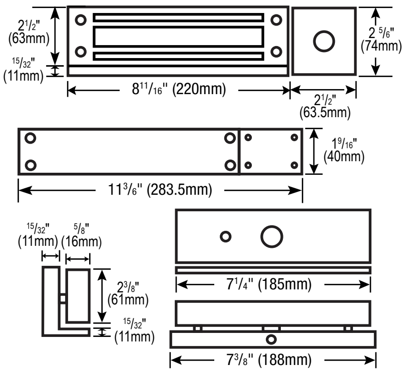
E-942FC-600SQ:


1 11/16" (43mm)
8" (203mm)
2 1/2" (63mm)
1 9/16" (40mm)
3/8" (10mm)
2" (50mm)
10 1/2" (267mm)
9/16" (14mm)
1 11/16" (43mm)
1 5/8" (41mm)
3/8" (10mm)
7 1/4" (185mm)
7 3/8" (188mm)

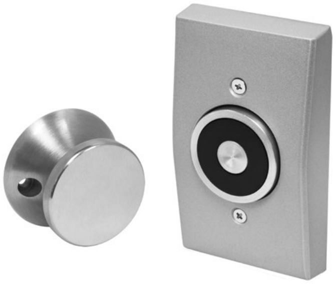
E-942FC-1K3SQ:


2 1/2" (63mm)
8" (203mm)
2 1/2" (63mm)
1 9/16" (40mm)
1/2" (13mm)
2" (50mm)
10 1/2" (267mm)
5/8" (16mm)
2 1/2" (63mm)
2 3/8" (61mm)
1/2" (13mm)
7 1/4" (185mm)
7 3/8" (188mm)

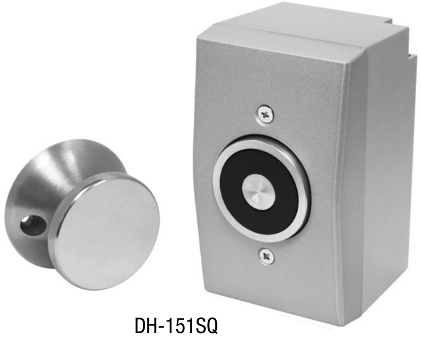
E-946FC-1K2SQ:


2 1/2" (63mm)
15/32" (11mm)
8 11/16" (220mm)
2 1/2" (63.5mm)
2 5/6" (74mm)
1 9/16" (40mm)
11 3/6" (283.5mm)
15/32" (11mm)
5/8" (16mm)
2 3/8" (61mm)
15/32" (11mm)
7 1/4" (185mm)
7 3/8" (188mm)

Magnetic Door Holders



DH-171SQ



DH-151SQ

Model Numbers

DH-171SQ
Flush-mount, Fail-Safe, UL listed

DH-151SQ
Surface-mount, Fail-Safe, UL listed

Specifications

Model	DH-171SQ	DH-151SQ
Installation	Flush-mount	Surface-mount
Current draw	52mA@12VAC, 60mA@12VDC 27mA@24VAC, 31m@24VDC 24mA@120VAC	
Holding force	33-lb (15kg)	
Magnet box dimensions	2$^{3}/_{4}$"x4$^{9}/_{16}$"x2$^{1}/_{16}$" (70x116.5x52 mm)	2$^{3}/_{4}$"x4$^{9}/_{16}$"x3" (70x116.5x76 mm)
Door armature dimensions	2$^{9}/_{16}$"x2$^{9}/_{16}$"x1$^{9}/_{16}$" (65x65x40 mm)	
Magnet box weight	1-lb 6.4-oz (635g)	1-lb 1.5-oz (496g)
Operating voltage	12 VAC/VDC, 24 VAC/VDC, 120VAC	

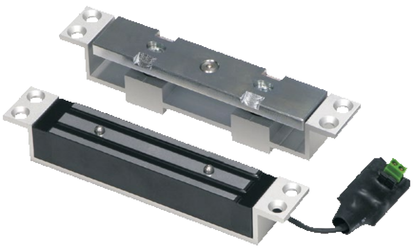
Features

- For use with door closers to control the release and closing of residential, commercial, and public area doors
- Adjustable armature plate reduces installation time and adjusts to door alignment changes
- Low profile design
- Extension bars available: ½", ¾", 1", 2", 4", 5", 7"
- Cast aluminum faceplate
- No residual magnetism for easy release
- Built-in voltage spike suppressor
- Use with SECO-LARM door closers SD-C121-S, SD-131-SQ, SD-C101-SGQ, SD-C101-SBAQ, or SD-C101-SBBQ

Extension Bars

DH-100E-05SQ *½" Extension bar*		**DH-100E-07SQ** *$^{3}/_{4}$" Extension bar*		**DH-100E-10SQ** *1" Extension bar*	
DH-100E-20SQ *2" Extension bar*		**DH-100E-40SQ** *4" Extension bar*		**DH-100E-50SQ** *5" Extension bar*	
DH-100E-70SQ *7" Extension bar*					

1,500-lb Electric Shear Lock



Bracket kits for SD-993B-SS:

- SD-993S-SB — Surface mounting kit

- SD-993S-UB — U-bracket kit for glass

Model Number

SD-993B-SS
12/24 VDC, fail-safe operation, 1,500-lbs holding force

Specifications

Operating voltage		12 or 24 VDC
Current draw	12VDC	420mA
	24VDC	210mA
Door gap		Max. $^{1}/_{16}$" (2mm)
Weight (approx.)		2-lb 8-oz (1.1kg)

Features

- Concealed security for remote access control with aluminum or steel doors and gates
- Small size for use with most metal door jambs
- Fail-safe operation
- Works with sliding, single-action, and double-action doors and gates
- Spring-loaded locking bolts and magnetic bond hold door securely in place with approximately 1,500-lb (680kg) of shear holding force
- Anodized aluminum housing
- Armature plate adjusts to compensate for gaps between door and frame

Electric Door Strikes

SECURITY UL LISTED *

SD-995C / SD-995C24

SD-994C / SD-994C24

*UL Listing

UL294, UL1034

Features

- Field-programmable in just seconds for fail-safe or fail-secure applications
- Can be used with virtually any cylindrical door locking system
- Use with an optional digital keypad
- Suitable for office-type applications
- Symmetrical-sized, reversible for right-hand or left-hand doors
- Shallow design for use with most doors
- Powered by a solenoid, not a buzzer coil
- Static strength – 1,000-lb (4448N)
- Stainless steel lip (keeper) for strength and long life
- Non-polarized connection; wires can be reversed
- Tested to 1 million cycles
- Includes trim plate to hide gaps in installation
- Optional lip-extension brackets available:
  - SD-995C-LE25 – 1" Extension
  - SD-995C-LE50 – 2" Extension
- Dimensions:
  - SD-995C/SD-995C24 $4^{7}/_{8}$"x$1^{1}/_{4}$"x$1^{1}/_{4}$" (124x32x32 mm)
  - SD-994C/SD-994C24 $7^{15}/_{16}$"x$1^{7}/_{16}$"x$1^{1}/_{4}$" (202x36x32 mm)

Model Numbers

SD-995C
Fail-safe/fail-secure, 12VDC, for metal doors, UL listed

SD-995C24
Fail-safe/fail-secure, 24VDC, for metal doors, UL listed

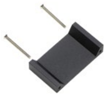
SD-994C
Fail-safe/fail-secure, 12VDC, for wood doors, UL listed

SD-994C24
Fail-safe/fail-secure, 24VDC, for wood doors, UL listed

Accessories

SD-995C-LE25
Lip extender, 1" (25mm)

SD-995C-LE50
Lip extender, 2" (50mm)



SD-995JA-11Q
Frame preparation jig

Trim Plate Included

Trim plate included for cleaner installations.

Basic Electric Door Strikes

Features

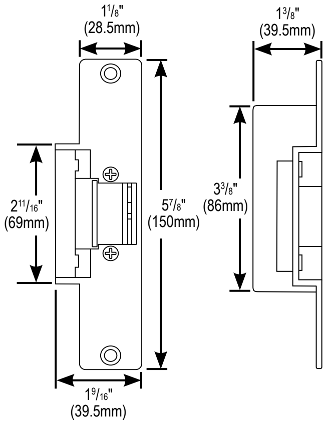
- Converts cylindrical lock sets into an electronic access-controlled locking system
- Can be used with virtually any cylindrical door locking system
- Combine with an optional digital keypad such as the SECO-LARM SK-1011-SDQ for keyless high security
- Baked painted finish
- Use fail-secure (SK-990AQ) units for entrance door installations
- Use fail-safe (SK-990BQ) units for emergency door and escape door installations
- Input voltage: 10~14 VDC
- Current draw:
  - SK-990AQ: 450mA
  - SK-990BQ: 200mA

Model Numbers

SK-990AQ
Fail-secure, 12VDC, for wood doors

SK-990BQ
Fail-safe, 12VDC, for wood doors

Dimensions



Electric Door Strikes (Reversible)

SD-994A-A1AQ

SD-994A-A1SQ

Features

- Can be used with virtually any mortise or cylindrical door locking system
- Powered by a solenoid
- US26D Bright chrome faceplate
- Miniature lock body for easier installation
- Frame type - wood
- Corrosion-resistant case and moving parts
- Tamper strength test - 1000-lb (454kg)
- Cycle test - 500,000 cycles
- Keeper depth $^{11}/_{16}$" (16.8mm) maximum latch projection possible with ⅛"door / frame clearance - ¾"
- Strike depth 1½" Overall
- Non-handed

Model Numbers

SD-994A-A1AQ
Asymmetrical plate, Fail-secure

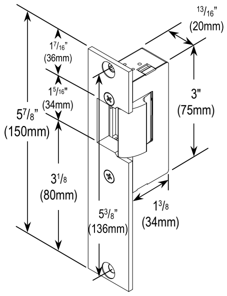
SD-994A-A1SQ
Symmetrical plate, Fail-secure

Specifications

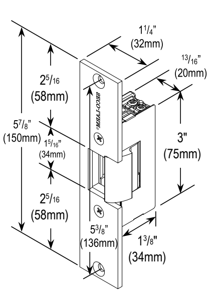
Current draw	16VAC	800mA
	12VDC	750mA
Operating temperature		14°~113° F (-10°~45° C)
Weight		10.3-oz (292g)
Operating voltage		8~16 VAC/12VDC
Operation		Fail-secure

Dimensions

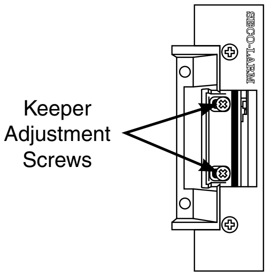
SD-994A-A1AQ



SD-994A-A1SQ



Electric Door Strike (Horizontal Adjustment)



Features

- ¼" Horizontal keeper adjustment compensates for installation difficulties such as warped doors, different-sized latch bolts, etc.
- Unique design accommodates both wood and metal doors
- Fail-secure operation
- Reversible for right or left-handed doors
- Durable stainless steel faceplate
- Miniature lock body for easier installation
- Corrosion-resistant case and moving parts
- Complete mounting hardware included
- Screw terminals for ease of wiring
- Operating voltage: 8~16 VAC/12VDC
- 1,000-lb (453kg) Holding force
- Tested to 500,000 cycles
- Keeper depth: $^{11}/_{16}$" (16.8mm)
- Latch depth: ¾" (19mm)

Model Number

SD-995A-A1Q
Fail-Secure, 8~16 VAC/12VDC

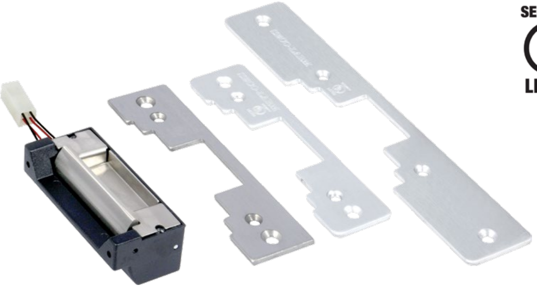
Accessory

SD-995RE-21Q
Optional Faceplate, Stainless Steel
7 $^{15}/_{16}$"x1$^{1}/_{4}$"x$^{1}/_{8}$" (202x32x3.2 mm)

Specifications

Current draw	16VAC	800mA
	12VDC	750mA
Operating temperature		14°~113° F (-10°~45° C)
Weight		10.3-oz (292g)
Max. Latch throw		$^{5}/_{8}$" (16mm)
Strike depth		1$^{1}/_{2}$" overall (38mm)
Adjustable keeper		Max. $^{1}/_{4}$" (6mm)
ANSI Faceplate dimensions		4$^{7}/_{8}$"x1$^{1}/_{4}$"x$^{1}/_{8}$" (124x32x3.2 mm)
Optional ANSI Faceplate dimensions		7$^{15}/_{16}$"x1¼"x$^{1}/_{8}$" (202x32x3.2 mm)

Universal Door Strike



SECURITY *
UL
LISTED

*UL Listing

UL294, UL1034

Model Number

SD-996C-NUQ
Fail-safe/fail-secure, 12 or 24 VDC

Specifications

Operating voltage		12 or 24 VDC ±15%
Current draw	12VDC	280mA
	24VDC	140mA
Operating temperature		0°~120°F (-18°~49° C)
Operating humidity		85% ±15%

Features

- Includes three faceplates for nearly any kind of door
- Listed under UL294 and UL1034
- Convert cylindrical lock sets into electronic access control systems
- Use with virtually any cylindrical door locking system
- Holding force – 2,000-lb (908kg)
- Powered by a solenoid
- Stainless steel lip for added strength and longer life
- Low profile – strike has a depth of only 1¼" for use with hollow aluminum frames
- Reversible non-handed design
- Easily connects to an optional keypad
- Trim plate Included
- Faceplate dimensions:
  - Aluminum: 4⅞"x1¼" (124x32 mm)
  - Hollow metal: 4⅞"x1¼" (124x32 mm)
  - Wood: $7\frac{15}{16}$"x$1\frac{7}{16}$" (202x37 mm)

Frameless Glass Door Strikes

Model Number

SD-996A-D3Q
Fail-secure, 12 or 24 VDC

SD-996B-D3Q
Fail-safe, 12 or 24 VDC

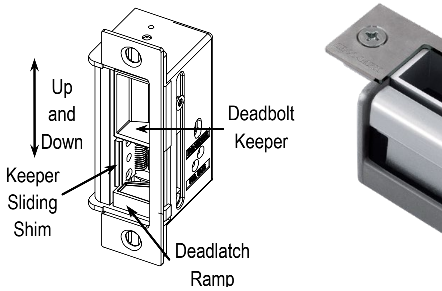
Specifications

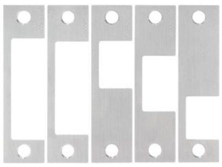
Model		SD-996A-D3Q	SD-996B-D3Q
Current draw	12VDC	500mA	300mA
	24VDC	250mA	150mA
Operating temperature		14°~120° F (-10°~49° C)	
Operating humidity		0~85% Non-condensing	

Features

- Horizontal faceplate adjustment to overcome misalignment
- Reversible, non-handed design
- Non-polarized connection
- For use on $^3/_8$" (10mm) or $^1/_2$" (13mm) thick frameless glass doors

Electric Door Strike (Vertical Adjustment)





5 Faceplates Included

SECURITY *
UL
LISTED

Model Numbers

SD-996C-NUVQ
Fail-Safe/Fail-Secure, 12/24 VAC/VDC

Specifications

Current draw	300mA@12VDC, 150mA@24VDC
Operating temperature	14°~113°F (-10°~45° C)
Operating humidity	0~85%
Static strength	1,000-lb (4448N)
Latch throw	1" (25mm) max with $^1/_8$" (3mm) door gap
Dimensions	$1^{13}/_{16}$"x$1^5/_8$"x$3^5/_{16}$" (47x42x84 mm)
Weight	1-lb 5.8-oz (618g)

Features

- Vertical adjustable deadbolt opening, sliding shim keeper, and deadlatch ramp accommodates a wide range of locks
- Accommodates deadbolts up to 1"
- Powered by a solenoid
- Reversible non-handed design fits either right-hand or left-handed doors
- Listed under UL294 and UL1034
- Convert cylindrical lock sets into electronic access control systems
- Use with virtually any cylindrical door locking system
- Includes trim plate to hide gaps in installation
- Tested to 250,000 cycles (UL tested)

*UL Listing

UL294, UL1034

No-Cut Electric Door Strike

SECURITY
UL
LISTED
*

Model Number

SD-995C-D3Q
Fail-safe/Fail-secure, 12/24 VDC

Specifications

Operating voltage		12/24 VDC
Current draw	12VDC	300mA
	24VDC	150mA
Latch throw		$^{9}/_{16}$" (15mm)
Keeper width		$1\,^{7}/_{16}$" (36mm)
Static strength		1,500-lb (6673N)
Dynamic strength		70ft-lb (95J)
Endurance		100,000 cycles (UL Tested), 1,000,000 cycles (Factory Tested)
Operating temperature		32°~120° F (0°~49° C)
Operating humidity		0~85% ±15%

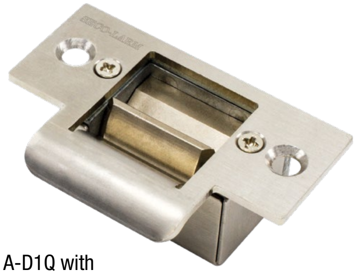
*UL Listing

UL1034

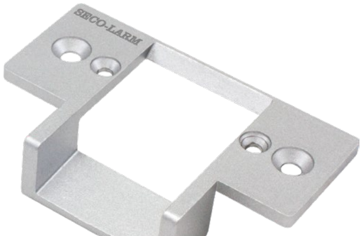
Features

- Low profile: Strike is only $1\,^{1}/_{16}$" deep for use with aluminum frames
- Listed under and UL1034
- Field selectable for fail-safe or fail-secure operation
- Mounting tabs included for mounting to hollow aluminum & metal doors
- Reversible non-handed design fits either right-hand or left-hand doors
- For indoor use only
- Static strength – 1,500-lb (680kg)
  Dynamic strength – 70ft-lb (9.68kg-m)
- Tested to 100,000 cycles (UL Tested), tested to 1,000,000 cycles (Factory Tested)
- Low current draw: 300mA@12VDC, 150mA@24VDC
- The SD-995C-D3Q is intended to be used with UL Listed Exit Hardware
- The SD-995C-D3Q shall not impair the intended operation of an emergency exit
- The SD-995C-D3Q shall not impair the operation of panic hardware mounted on the door
- 12/24 VDC Operating voltage

Mini No-Cut Electric Door Strike



SD-991A-D1Q with
no-cut strike plate



Silver low-cut strike plate included

Model Number

SD-991A-D1Q
Fail-secure, 12VDC

Specifications

Operation		Fail-secure
Operating voltage		12VDC
Current draw		280mA@12VDC
Holding force		1,000-lb (454kg)
Endurance		250,000 cycles (Factory Tested)
Latch throw		$^{1}/_{2}$" (13mm)
Keeper width	SD-991SS-61Q/S	$1\,^{1}/_{8}$" (28mm)
	SD-991RA-61Q/A or B	$1\,^{3}/_{16}$" (30mm)
Operating humidity		0~85%
Operating temperature		14°~120° F (-10°~49° C)

Additional Strike Plate

SD-991RA-61Q/B
Bronze low-cut strike plate

Features

- Includes no-cut and low-cut strike plates
- Can be used with almost any cylindrical door locking system
- Converts cylindrical lock sets into an electronic access-controlled system
- 2-wire installation, non-polarized connection
- Stainless steel keeper for strength and long life
- Suitable for office-type applications
- For indoor use only
- Compatible with keypads, pushbutton switches and other entry devices
- Reversible non-handed design fits either right-hand or left-hand doors
- Shallow design for use with most metal doors
- Powered by a solenoid, not a buzzer coil
- Optional bronze low-cut strike plate (SD-991RA-61Q/B) available:
  - Fits most metal or wood doors with minimum cutting of door frame beyond the hole for the strike

Surface-Mount Electric Rim Strike

SD-998C-NUQ

SD-998C-D3Q

SD-998C-NUAQ

SD-998C-D3AQ

SECURITY * LISTED

*UL Listing

UL294, UL1034

Model Number

SD-998C-NUQ
Fail-safe/Fail-secure,
3/4" (19mm) Housing thickness

SD-998C-NUAQ
Fail-safe/Fail-secure,
1/2" (13mm) Housing thickness

SD-998C-D3Q (Rim strike) NEW
Fail-safe/Fail-secure,
3/4" (19mm) Tamper resistant housing

SD-998C-D3AQ (Rim strike) NEW
Fail-safe/Fail-secure,
1/2" (13mm) Tamper resistant housing

Features

- Non-polarized connection
- Listed under UL294 and UL1034
- Accommodates up to ¾" Pullman latch
- Dynamic strength 70ft-lb (95J)
- Field-programmable for fail-safe or fail-secure operation
- For ANSI standard fire doors
- Metal or wood frames installation
- Rated for 250,000 cycles (Factory test for 1,000,000 cycles)
- Works with standard rim-type exit devices including SECO-LARM SD-962AR-36A and SD-962AR-36G
- See page 34-35 for more information on SECO-LARM Rim Exit Bars
- Five-year limited warranty
- Horizontal adjustment
- Metal construction

Dimensions:

- **SD-998C-NUQ** – 8"x1¾"x¾" (203x45x19 mm)
- **SD-998C-NUAQ** – 8"x1¾"x½" (203x45x13 mm)
- **SD-998C-D3Q** – 9"x1¾"x¾" (229x45x19 mm)
- **SD-998C-D3AQ** – 9"x1¾"x½" (229x45x13 mm)

Specifications

Model	SD-998C-NUQ SD-998C-D3Q	SD-998C-NUAQ SD-998C-D3AQ
Operating voltage	12/24 VDC	
Current draw	540mA@12VDC, 270mA@24VDC	
Max. latch throw	3/4" (19mm)	1/2" (13mm)
Static strength	1,500-lb (6673N)	
Dynamic strength	70ft-lb (95J)	
Endurance	250,000 cycles (UL Tested)	
Operating temp.	14°~120° F (-10°~49° C)	
Operating humidity	0~85%	

Weatherproof Door/Gate Strike

Features

- Weatherproof (IP42)
- For use in wood jambs or metal gate posts
- One piece cast body
- Compatible with most locksets
- Low current draw
- Extra wide keeper 1 5/8"

Model Number

SD-995A-D3Q
Fail-secure, 12 VAC/VDC

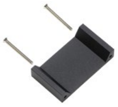
Specifications

Operating voltage	12 VAC/VDC
Current draw	310mA@12VDC
Operating temp.	14°~113° F (-10°~45° C)
Operating humidity	0~95%
Lock Mode	Fail-secure
Dimensions	3 1/2"x1 7/16"x2 5/8" (89x35x67 mm)

Door Strike Accessories

SD-995JA-11Q*
Frame preperation jig

SD-995C-LE25*
Lip extender, 1" (25mm)

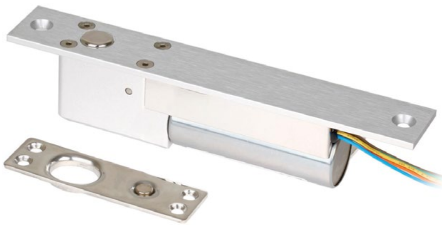

SD-995C-LE50*
Lip extender, 2" (50mm)

SH-506Q
93dB Buzzer, 3~28 VDC

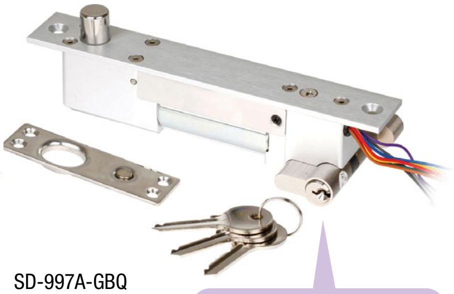
SA-026Q
Mini timer

* Compatible with SD-994C and SD-995C series, and SD-996C-NUQ door strikes

Electric Deadbolts



SD-997B-GBQ



SD-997A-GBQ

Incorporates manual lock/unlock cylinder

Features

- Adds concealed deadbolt security to most wood or hollow metal doors, with the convenience of electrical operation
- Stainless steel bolt, ⅝" (16mm) diameter and ⅝" (16mm) throw
- Magnetic switch senses door position for positive locking
- Attempts to relock multiple times if the door is not closed properly
- Door open/close monitor (NO/NC/COM)
- Solenoid shuts off if door is not closed properly
- Adjustable door lock delay timer
- Easily connects with an optional keypad

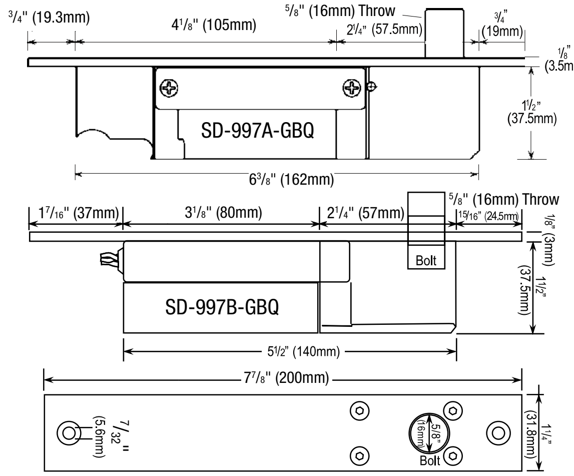
SD-997A-GBQ Only:

- Incorporates manual lock/unlock cylinder to operate lock if power is lost, (turn lock knob from inside protected premises and/or use key from outside protected premises)

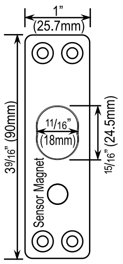
Specifications

Model		SD-997A-GBQ	SD-997B-GBQ
Operation		Fail-secure	Fail-safe
Operating voltage		12/24 VDC	
Current draw	12VDC	880mA	900mA
	24VDC	470mA	440mA
Manual lock/unlock		Yes	No
Relay rating		SPDT, 250mA@12VDC (NO/NC/COM)	
Adjustable delay timer		0/3/5/9 seconds	0/2.5/5/9 seconds
Weight		2-lb 5-oz (1kg)	1-lb 13-oz (0.8kg)

Dimensions



3/4" (19.3mm)
4 1/8" (105mm)
5/8" (16mm) Throw
2 1/4" (57.5mm)
3/4" (19mm)
1/8" (3.5mm)
1 1/2" (37.5mm)
SD-997A-GBQ
6 3/8" (162mm)
1 7/16" (37mm)
3 1/8" (80mm)
2 1/4" (57mm)
5/8" (16mm) Throw
15/16" (24.5mm)
1/8" (3mm)
Bolt
1 1/2" (37.5mm)
SD-997B-GBQ
5 1/2" (140mm)
7 7/8" (200mm)
7/32" (5.6mm)
5/8" (16mm)
Bolt
1 1/4" (31.8mm)



1" (25.7mm)
3 9/16" (90mm)
11/16" (18mm)
15/16" (24.5mm)
Sensor Magnet

Model Numbers

SD-997B-GBQ
Fail-safe, 12/24 VDC

SD-997A-GBQ
Fail-secure, 12/24VDC, with manual lock/unlock

Accessories

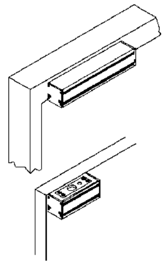
SD-997SMB-AQ
Surface mount bracket kit for SD-997B-GBQ

SD-997UB-AQ*
U-Bracket for glass doors for SD-997B-GBQ

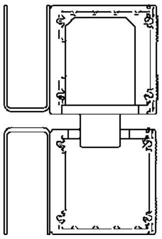
**Must use with SD-997SMB-AQ.*

Accessory Mounting Diagrams

Mounting with the SD-997SMB-AQ:

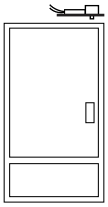


Mounting with the SD-997UB-AQ:

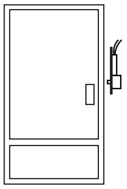


Applications

For single doors

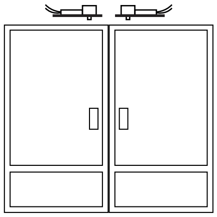


Top mount



Side mount

For double doors



Mini Electric Deadbolt (Surface Mount)

Features

- Adds deadbolt security to smaller doors and cabinets, with the convenience of electrical operation
- Surface-mount design for easy installation
- Aluminum-alloy bolt, $^{15}/_{32}$" (13mm) diameter and $^{9}/_{16}$" (14mm) throw
- Easily connects with an optional keypad
- Magnetic switch senses door position for positive locking
- Automatically relocks after 6 seconds if the lock was unlocked but the door was not opened
- Door open/close monitor (NC/COM) and adjustable door lock delay timer (0~3 seconds)

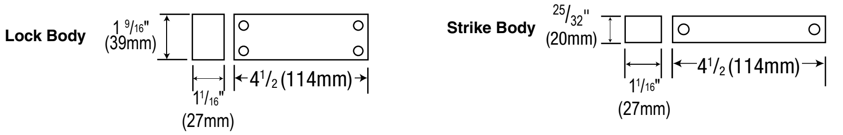
Model Number

SD-997B-1SQ
Fail-safe, 12VDC

Specifications

Operation		Fail-safe
Operating voltage		12VDC
Current draw	Standby	237mA@12VDC max.
	Active	650mA@12VDC max.
Status sensor		250mA@30VDC (NC/COM)
Adjustable lock delay timer		0~3 seconds
Operating Temperature		32°~158° F (0°~70° C)
Weight		1-lb 2.5-oz (450g)

Dimensions



Motorized Cabinet Lock

Features

- Spring feature gently pushes door open
- 12~28 VAC/VDC
- Lock status sensor allows for monitoring whether the lock is engaged
- Door status sensor allows for monitoring whether the door is closed completely

Model Number

NEW

CL-210M-U3BQ
Fail-secure, 12~28 VAC/VDC

Specifications

Operating voltage	12~28 VAC/VDC
Current draw	165mA@12/24 VDC
Lock status output	1A@125VAC
Holding force	220-lb (100kg)
Relock time delay	2~5 seconds
Operating temp.	14°~113° F (-10°~45° C)
Dimensions	$2^{3}/_{8}$"x$2^{3}/_{8}$"x$^{7}/_{8}$" (60x60x22 mm)
Weight	3-oz (93g)

Electric Deadbolt Cabinet Lock

Features

- Electronically secure lockers, cabinets, cases, and drawers
- Lock status sensor allows for monitoring door lock status
- Selectable fail-safe/ fail-secure operation
- Operating voltage: 12/24 VDC
- Current draw: 300mA@12VDC, 150mA@24VDC
- NO/NC Rated contacts
- Mounting hardware included

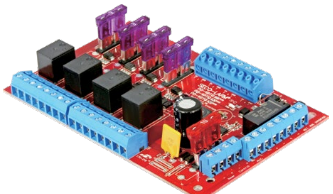
Model Number

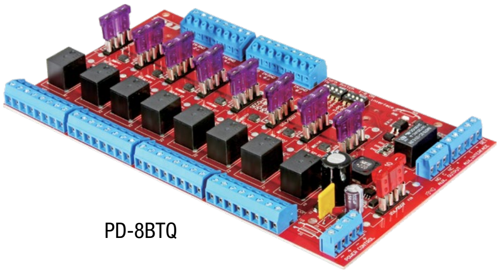
SD-997C-GCQ
Fail-safe/Fail-secure, 12/24 VDC

Specifications

Operating voltage		12/24 VDC
Current draw	12VDC	300mA
	24VDC	150mA
Contact Switch		NO/NC
Lock status		Micro-switch
Lock status rating		1A@30VDC
Door status		Reed switch
Dimensions		$3^{1}/_{4}$"x$1^{3}/_{16}$"x$1^{1}/_{8}$" (82x30x28 mm)

Power Controller Boards


PD-4BTQ


PD-8BTQ

Specifications

Model		PD-4BTQ	PD-8BTQ
Input voltage		12/24 VAC/VDC	
Input current draw		10A@24VAC	
Number of outputs		4	8
Output fuse type/rating		Blade 3.0A	Blade 3.0A
Output relays		Form C (10A@12VDC)	
Auxiliary interface output		DPDT (1A@28VDC)	
LEDs	Status	4 (red, on when relay is energized)	8 (red, on when relay is energized)
	Auxiliary Interface	1 (green on when auxiliary input is triggered, alarm condition)	
Operating humidity		0~95%	
Operating temperature		– 40°~167° F (– 40°~75° C)	
Dimensions		5$^{3}/_{8}$"x3$^{5}/_{8}$"x$^{15}/_{16}$" (136x92x23 mm)	8"x5$^{1}/_{16}$"x$^{15}/_{16}$" (204x129x23 mm)
Weight		4.8-oz (137g)	8.9-oz (252g)

Model Number

PD-4BTQ NEW
4-Output power controller board
12~24 VAC/VDC

PD-8BTQ NEW
8-Output power controller board
12~24 VAC/VDC

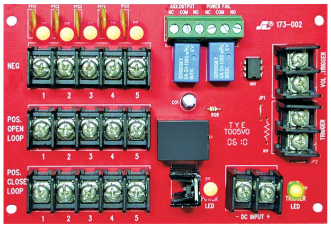
Features

- For 12/24 VAC/VDC operation
- Each output individually fused and individually controlled
- Each output can operate in both fail-safe and fail-secure modes
- Auxiliary supervision relay (1A@28VDC)
- Equipped with dry and wet trigger inputs
- Includes auxiliary interface to enable emergency egress, alarm monitoring, or to trigger other devices
- Includes auxiliary interface disconnect, individually selectable for each output
- Compatible with ENFORCER Access Control Power Supplies

Power Distribution Board

Features

- Five individually PTC-fused (1.1A) outputs
- Each output will operate in both fail-safe and fail secure modes
- 12/24VDC operation
- Dry and wet trigger inputs
- Power failure and Auxiliary supervision relays (both 3 Amps@24VDC)
- Dimensions:
  3$^{9}/_{16}$"x5$^{5}/_{16}$"x1$^{1}/_{16}$" (90x135x27 mm)



Model Number

PD-5PAQ
5-Output power distribution board
12/24 VDC

Electro-Mechanical Latch

Features

- Easy to install on existing gates
- Fully mechanical, can be unlocked if power is lost
- Can be installed on left, right, in-swing, and out-swing gates/doors
- Compatible with access control devices
- 12VDC, Fail-secure operation with mechanical override
- Quiet operation, no need to slam gate shut

Model Number

SD-231-ND1Q
Surface-mount

Access Control Power Supplies

EAP-1D1Q

EAP-3D1Q

EAP-5D5Q

Features

- AC Power failure supervision relay
- Battery failure/low battery supervision
- Auxiliary output relay
- Adjustable voltage range to compensate for voltage drop
- Built-in backup battery charger
- Selectable 2.2kΩ End-of-Line (EOL) resistor for AC failure and battery failure supervision relays via DIP switch
- LED Status indicator for AC input, DC output and channel outputs
- Selectable delay timer (5 seconds, 5 minutes, 5 hours) for AC failure supervision relay via DIP switch

Power:

- Field selectable for 12VDC or 24VDC
- Operating input voltage 11~240 VAC
- Adjustable output voltage range (12~13 VDC, 23~25VDC)
- AC Input fuse rating 3.15A (glass fuse)
- DC Output overload sensing with red LED indicator and automatic shutdown during short circuit

EAP-1D1Q, EAP-1D1MQ Only:

- 1A@12/24VDC supply current rating

EAP-3D1Q, EAP 3D1MQ, EAP-3D5Q Only:

- 3A@12VDC, 1.5A@24VDC supply current rating

EAP-5D1Q, EAP-5D1MQ, EAP-5D5Q Only:

- 5A@12VDC / 2.5A@24VDC supply current

Enclosure:

(except EAP-1D1MQ, EAP-3D1MQ, EAP-5D1MQ)

- Heavy-duty steel case
- Removable steel cover for easy access
- 6ft Power cord and battery leads included
- EAP-1D1Q Enclosure has room for one 7AH or two 4AH batteries, dimensions: $7\frac{3}{4}$"x$10\frac{3}{4}$"x$3\frac{9}{16}$" (197x255x91 mm)
- EAP-3D1Q, EAP-3D5Q Enclosure has room for two 7AH batteries, dimensions: $12\frac{1}{8}$"x$12\frac{1}{4}$"x$3\frac{9}{16}$" (308x311x90 mm)
- EAP-5D1Q, EAP-5D5Q Enclosure has room for two 7AH or two 12AH batteries, dimensions: $14\frac{13}{16}$"x$14\frac{5}{16}$"x$4\frac{1}{8}$" (377x363x105 mm)

Model Numbers

EAP-1D1Q NEW
1 Amp, 1 output

EAP-1D1MQ (without case) NEW
1 Amp, 1 output

EAP-3D1Q NEW
3 Amps, 1 output

EAP-3D1MQ (without case) NEW
3 Amps, 1 output

EAP-3D5Q NEW
3 Amps, 5 outputs

EAP-5D1Q
5 Amps 1 output

EAP-5D1MQ (without case)
5 Amps 1 output

EAP-5D5Q
5 Amps, 5 outputs

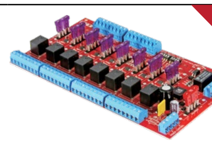
Specifications

Input Voltage		110~240 VAC
Output Voltage		12 or 24 VDC selectable via DIP switch
Adjustable Output Voltage Range		12~13@12VDC setting, via VR switch 23~25@24VDC setting, via VR switch
AC Input Fuse Rating		3.15A (glass fuse)
Output voltage range (adjustable)	12VDC	12~13
	24VDC	23~25
LED Status Indicator	DC	Red=12VDC output, blue=24VDC output
	AC	Green, input
End-of-Line Resistor (EOL)		Selectable ON (2.2KΩ) or OFF via DIP switch
AC-Fail Relay Delay Timer		Selectable @ 5sec, 5min, or 5hr via DIP switch
Supervision Relays		Contact Rating: 3A@24VDC Dry Relay Output

Accessories

PD-4BTQ NEW
4-Channel power distribution board (see page 22)

PD-8BTQ NEW
8-Channel power distribution board (see page 22)



Bluetooth® Access Devices

SL Access

We are rethinking access control by providing keypads and readers with streamlined, app-based setup/management using integrated *Bluetooth* ® wireless technology.

Users can gain access via keypad, card, or using the *SL Access* smartphone app. Administrators use the *SL Access* app to make setup and ongoing management an intuitive process without hard-to-remember keypad codes.

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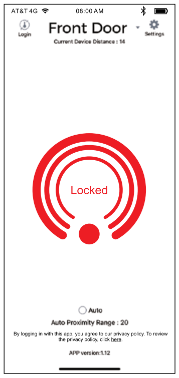
ANDROID APP ON Google play

App-Based Programming and Management


AT&T 4G 08:00 AM

Login

Front Door

Settings

Current Device Distance : 14

Locked

○ Auto

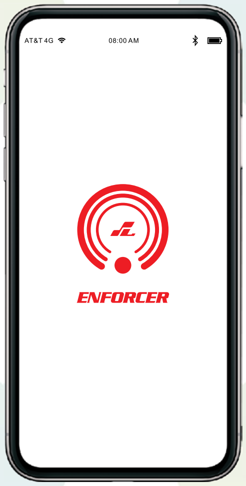
Auto Proximity Range : 20

By logging in with this app, you agree to our privacy policy. To review the privacy policy, click here.

APP version:1.12

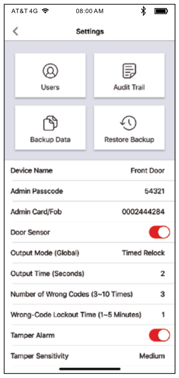
Unlock Screen

Users can press the onscreen button, or select "Auto" to automatically unlock when in range.



Device Setup

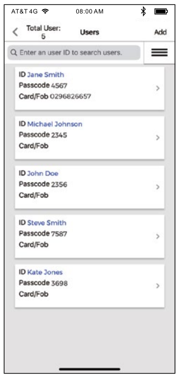
Set all device parameters, access user management, backup/restore, and audit trail


AT&T 4G 08:00 AM

Settings

Users | Audit Trail | Backup Data | Restore Backup

Device Name	Front Door
Admin Passcode	54321
Admin Card/Fob	0002444284
Door Sensor	●
Output Mode (Global)	Timed Relock
Output Time (Seconds)	2
Number of Wrong Codes (3~10 Times)	3
Wrong-Code Lockout Time (1~5 Minutes)	1
Tamper Alarm	●
Tamper Sensitivity	Medium


AT&T 4G 08:00 AM

Total User: 5 Users Add

Enter an user ID to search users.

ID Jane Smith
Passcode 4567
Card/Fob 0296826657

ID Michael Johnson
Passcode 2345
Card/Fob

ID John Doe
Passcode 2356
Card/Fob

ID Steve Smith
Passcode 7587
Card/Fob

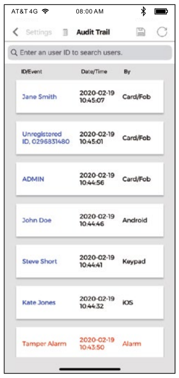
ID Kate Jones
Passcode 3698
Card/Fob

User Management

Set all user parameters, including access methods and scheduling. See user list and total number of users for extra security

Audit Trail

View or download to .csv file format. Shows user ID/ tamper event, date/time, and source, searchable by user name


AT&T 4G 08:00 AM

Settings Audit Trail

Enter an user ID to search users.

ID/Event	Date/Time	By
Jane Smith	2020-02-19 10:45:07	Card/Fob
Unregistered ID, 0296831480	2020-02-19 10:45:01	Card/Fob
ADMIN	2020-02-19 10:44:56	Card/Fob
John Doe	2020-02-19 10:44:46	Android
Steve Short	2020-02-19 10:44:41	Keypad
Kate Jones	2020-02-19 10:44:32	iOS
Tamper Alarm	2020-02-19 10:43:50	Alarm

Features

- 1,000 Users plus administrator
- Users can gain access via keypad, card, or app
- App can be set to "Auto" so that the door will automatically unlock when the user is within a preset range
- Settings and users easily backed up for restoring or copying to multiple other devices
- Audit trail lists last 1,000 events, searchable by user name and downloadable to a .csv file
- User list shows total number of users for extra security, are searchable by user ID, and can be downloaded to a .csv file for backup or editing and reimport
- No internet exposure for increased security, no cloud to maintain
- Anti-tailgating locks the door as soon as it is closed
- Door-forced open / door-propped open buzzer
- Access / manage multiple devices with one app

Programmable Functions

- Give each keypad/reader an easy to remember name (Front Door, Finance Office, etc.)
- User ID up to 16 digits, including spaces, allows for full user names. Each passcode can be 4~8 digits
- Individual users can be given different output modes from the global default
- Individually programmable user access timing – permanent or scheduled (day and time) or for temporary users, length of time or number or times
- Programmable output mode – timed access (1~1,800s), toggle, remain unlocked, remain locked
- Programmable wrong-code lockout (3~8 wrong codes) and lockout time (1~5 min)
- Set vibration sensor tamper alarm timing (1~ 255 minutes) and sensitivity level
- Users can set the range the prefer for the "Auto" unlock setting

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Single-Gang Bluetooth® Keypad

Features

- 12~24 VDC
- Uses *SL Access* app for all setup and maintenance for both device and users (see pg. 24)
- Uses *Bluetooth LE* (BLE4.2)
- Backlit keys for easy nighttime use
- LED Status indicator
- Vibration sensor tamper alarm output and internal buzzer
- IP65 Weather-resistant, rugged, zinc-alloy housing with chrome plating
- Dimensions: 2¹⁵⁄₁₆"x 4¾"x1¹³⁄₁₆" (74x120x46 mm)

Model Number

NEW

SK-B141-DQ
Bluetooth keypad

Specifications

Max. current draw	Standby	49mA@12VDC
	Total	63mA@12VDC
Outputs	Form C	2.5A@40VDC
	Tamper	2.5A@40VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
Operating temperature		– 4~122° F (– 20~50° C)

Mullion Bluetooth® Keypad with Reader

Features

- 12~24 VDC
- Uses *SL Access* app for all setup and maintenance for both device and users (see pg. 24)
- Use *Bluetooth LE* (BLE4.2)
- EM125 Proximity reader
- Backlit keys for easy nighttime use
- LED Status indicator
- Vibration sensor tamper alarm output and buzzer
- IP65 Weather-resistant, rugged, zinc-alloy housing with chrome plating
- Dimensions: 1¾"x 6"x1" (45x152x25 mm)

For optional proximity cards/keyfobs, see pg. 34

Model Number

NEW

SK-B241-PQ
Bluetooth keypad/proximity reader

Specifications

Max. current draw (at 12VDC)	Standby	49mA@12VDC
	Total	63mA@12VDC
Outputs	#1 – Form C	2.5A@40VDC
	Tamper	2.5A@40VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
Proximity reader frequency		EM 125kHz
Proximity reader sensing distance		1³⁄₁₆" (3cm)
Operating temperature		– 4~122° F (– 20~50° C)

Bluetooth® Proximity Reader

Features

- 12VDC
- Uses *SL Access* app for all setup and maintenance for both device and users (see pg. 24)
- Use *Bluetooth LE* (BLE4.2)
- EM125 Proximity reader
- LED Status indicator
- Vibration sensor tamper alarm output and buzzer
- IP65 Weather-resistant, rugged, ABS housing
- Dimensions: 2¹⁵⁄₁₆"x 4¾"x1¹³⁄₁₆" (74x120x46 mm)

For optional proximity cards/keyfobs, see pg. 34

Model Number

NEW

PR-B1124-PQ
Proximity reader

Specifications

Max. current draw (at 12VDC)	Standby	81mA@12VDC
	Total	115mA@12VDC
Outputs	Form C	2.5A@40VDC
	Tamper	2.5A@40VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
Proximity reader frequency		EM 125kHz
Proximity reader sensing distance		2" (5cm)
Operating temperature		– 4~122° F (– 20~50° C)

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Indoor Access Control Keypad

LIFETIME LIMITED WARRANTY

Model Number

SK-1011-SDQ
1,000 Users, 1 relay output

Specifications

Operating voltage		12~24 VAC/VDC
Current draw (12VDC)	Standby	15mA
	Total max current draw	90mA
Outputs	Form C	1A@30VDC
	Tamper	50mA@24VDC
Inputs	Egress	N.O. Ground
Operating temperature		-4°~158° F (-20°~70° C)
Dimensions (including back box)		$4\frac{5}{8}$"x$2\frac{7}{8}$"x$1\frac{1}{2}$" (117x73x38 mm)
Weight		6-oz (170g)

Features

- Output – Form C relay, 1,000 users
- Super user code gives admin access
- All features are programmed directly from the keypad: No need for an external programmer
- Indoor keypad
- Up to 50 possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Programmable output time (Up to 99,999 seconds)
- Auto-disable access at specific times
- Programmable egress input with optional warning alarm and delayed egress
- Mounts to a standard single-gang back box (surface-mount back box included)

Indoor Access Control Keypad

LIFETIME LIMITED WARRANTY

Model Number

SK-1131-SPQ
1,200 Users, 3 outputs, built-in proximity card reader

Specifications

Operating voltage		12~24 VAC/VDC
Current draw (12VDC)	Standby	66mA
	Total max current draw	160mA
Outputs	#1 - Form C	1A@30VDC
	#2 - Form C	1A@30VDC
	#3 - Transistor ground	100mA@24VDC
	Tamper	50mA@24VDC
Inputs	Egress	N.O. Ground
	Door sensor	N.C. Ground
	Door inhibit	N.O. Ground
Proximity reader frequency		EM 125kHz
Proximity reader sensing distance		$1\frac{1}{2}$" (38mm)
Operating temperature		-4°~158° F (-20°~70° C)
Dimensions (including back box)		$4\frac{5}{8}$"x$2\frac{7}{8}$"x$1\frac{1}{2}$" (117x73x38 mm)
Weight		6-oz (170g)

Features

- 4 Available programmable access modes for all 3 outputs: card only, code only, card and common user code, card and unique user code
- Three outputs (two Form C relay, and one Transistor ground), 1,200 users
- Programmable output time (Up to 99,999 seconds)
- Super user code gives admin access
- Up to 50 possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Auto-disable access at specific times
- Programmable egress input with optional warning alarm and delayed egress
- Duress code signals a silent alarm if an authorized user is forced to open the door
- Mounts to a standard single-gang back box (surface-mount back box included)
- Illuminated keypad with programmable status LEDs
- Door sensor input for anti-tailgating operation
- Door-propped-open warning
- Door-forced-open warning
- Door open warning and alarm

For optional proximity cards/keyfobs, see pg.34

Split Series Keypad (w/ Proximity Reader)

Features

- Split-Series keypad - keypad and control board are separated for high security applications
    - Only Power and data I/O are sent from keypad to control board - no way to manually activate relay from keypad without a valid access code
- 1,200 Users over 3 Outputs
- Built-in Door chime
- Programmable egress input
- 4 available programmable access modes for all outputs: card only, code only, card and common user code, card and unique user code
- Up to 50 possible temporary visitor codes
- Programmable lock out/duress output after 5-10 failed key-in attempts
- Real-time clock
- Alarm outputs for tamper, door-forced-open, and door propped open

Model Number

SK-4131-SPSQ
Split series keypad with built-in proximity card reader

Specifications

Operating voltage		12~24 VDC
Proximity reader frequency		EM 125kHz
Proximity reader sensing distance		$^{1}/_{2}$" (38mm)
Operating temperature		-4°~158° F (-20°~70° C)
Dimensions	Keypad	$4^{5}/_{8}$"x$2^{7}/_{8}$"x$1^{1}/_{2}$" (117x73x38 mm)
	Controller	$3^{7}/_{16}$"x$4^{3}/_{4}$"x$1^{1}/_{4}$" (87x120x32 mm)

Accessories

PR-K1S1-A
Proximity Cards *(EM 125kHz)*
(Sold in packs of 10)

PR-K1K1-AQ
Proximity Keyfob *(EM 125kHz)*
(Sold in packs of 10)

Outdoor Access Keypad

SK-1123-FDQ

Illuminated keys for easy anytime use

Features

- 1,100 Users over 2 Outputs - codes may be 4~8 digits
- Super user code gives admin access
- Up to 50 (01~50) possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Programmable egress input with optional warning alarm and delayed egress
- Auto-disable access at specific times
- Up to 50 (01~50) duress codes for output #1 and 10 (01~10) for output #2
- Duress code signals a silent alarm if an authorized user is forced to open the door
- Programmed directly from the keypad
- Mounts to a standard single-gang back box
- Durable stainless steel faceplate
- Keypad illuminates when a button is pressed; backlight can be programmed for FULL, AUTO, or OFF in standby mode
- Mantrap: for a protected area with two doors, this feature allows only one door to be open at a time
- Door sensor input for anti-tailgating operation
- Door-propped-open warning
- EEPROM Memory protects programmed information in case of power loss

Model Number

SK-1123-FDQ
Flush-mount, 1,100 Users

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	15mA
	Key pressed	40mA
	Relay active	Output 1: 65mA Output 1&2: 66mA
Outputs	#1 - Form C	1A@30VDC
	#2 - Transistor ground	100mA@24VDC
	Timer	Active for up to 99,999 seconds (nearly 28 hours)
Egress		N.O. Ground
Door sensor input		N.C. Ground
Dimensions		$4^{3}/_{4}$"x$3^{1}/_{8}$"x$1^{13}/_{16}$" (120x80x46 mm)
IP Rating		IP66
Weight		16.2-oz (460g)

Sealed-Housing Outdoor Keypads

SK-1323-SDQ

SK-1323-SPQ

SK-1323-SPQ only

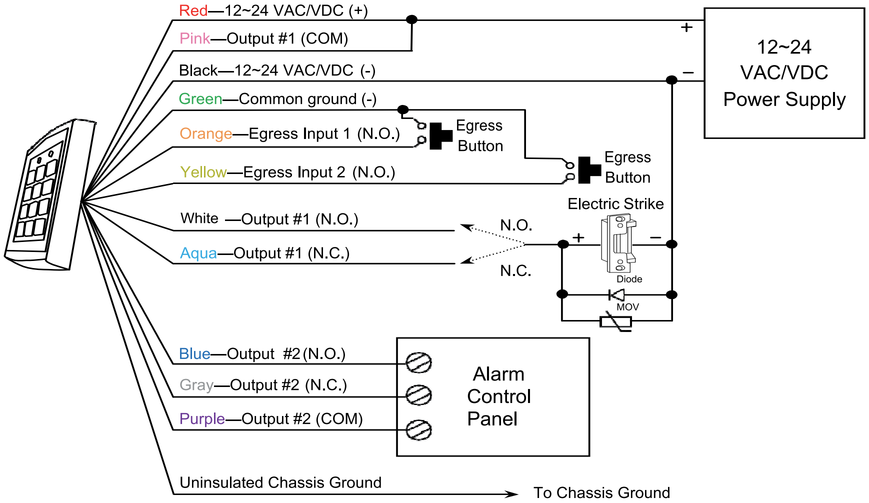
Features

- 1,010 Users (Output #1: 1,000 users, Output #2: 10 users)
- 2 Form C relay outputs, each rated 1A@30VDC
- All features are programmed directly from the keypad—no need for an external programmer
- EEPROM memory prevents data loss
- Optical tamper sensor for added security
- Circuitry is potted with epoxy for outdoor use
- IP65 Weather-resistant, rugged aluminum construction
- Status LEDs show when a relay is active
- Each relay has programmable output time from 1~99 seconds or toggle
- Output #2 can be programmed for use with a doorbell
- 2 Egress inputs; 1 door sensor input
- Backlit keys for easy nighttime use

SK-1323-SPQ Only

- Built-in 125kHz proximity reader
- 3 Programmable access modes for Output #1: Card Only, Card or Code, and Card with Code
- Output #2 may have either a card or a code programmed for each user

Sample Wiring Diagram


Red—12~24 VAC/VDC (+)
Pink—Output #1 (COM)
Black—12~24 VAC/VDC (-)
Green—Common ground (-)
Orange—Egress Input 1 (N.O.)
Yellow—Egress Input 2 (N.O.)
White —Output #1 (N.O.)
Aqua—Output #1 (N.C.)
Blue—Output #2 (N.O.)
Gray—Output #2 (N.C.)
Purple—Output #2 (COM)
Uninsulated Chassis Ground
To Chassis Ground
+
–
12~24 VAC/VDC Power Supply
Egress Button
Egress Button
Electric Strike
N.O.
N.C.
+
–
Diode
MOV
Alarm Control Panel

Model Numbers

SK-1323-SDQ
Standard keypad

SK-1323-SPQ
Standard keypad with built-in proximity card reader

Accessories

PR-K1S1-A
Proximity Cards (EM 125kHz)
(Sold in packs of 10)

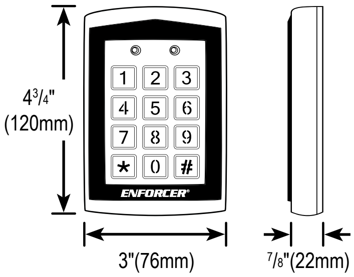
PR-K1K1-AQ
Proximity Keyfob (EM 125kHz)
(Sold in packs of 10)

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	64mA@12VDC
	Active	120mA@12VDC (Max)
Relay outputs		1A@30VDC Form C NO/NC/COM
Egress inputs	Input #1	N.O. Ground
	Input #2	N.O. Ground
Door sensor input		N.C. Ground
Tamper sensor		Optical
Operating temperature		-4°~122° F (-20°~50° C)
Keypad LED life		60,000 hours (over 6.8 years)
Weight		1-lb 2-oz (510g)
Dimensions		4¾"x3"x⅞" (120x76x22 mm)

Dimensions

SK-1323-SxQ:


4¾" (120mm)
3"(76mm)
⅞"(22mm)
1
2
3
4
5
6
7
8
9
*
0
#
ENFORCER

Mullion-Style Outdoor Keypads

SK-2323-SDQ &
SK-2323-SPQ

SK-2323-SPAQ

SK-2323-SPQ
SK-2323-SPAQ
only

Features

- 1,010 Users (Output #1: 1,000 users, Output #2: 10 users)
- 2 Form C relay outputs, each rated 1A@30VDC
- Each relay has programmable output time from 1~99 seconds or toggle
- Output #2 can be programmed for use with a doorbell
- 2 Egress inputs; 1 door sensor input
- Backlit keys for easy nighttime use
- Status LEDs show when a relay is active
- All features are programmed directly from the keypad—no need for an external programmer
- EEPROM memory prevents data loss
- IP65 Weather-resistant, rugged aluminum construction
- Optical tamper sensor for added security
- Circuitry is potted with epoxy for outdoor use

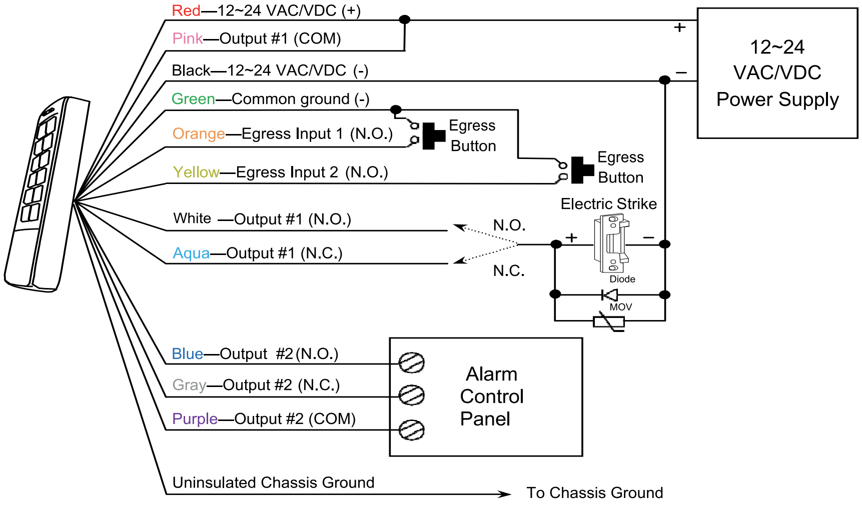
SK-2323-SPQ Only

- Built-in 125kHz proximity reader
- 3 Programmable access modes for Output #1: Card Only, Card or Code, and Card with Code
- Output #2 may have either a card or a code programmed for each user
- Dimensions:
  - 6"x1¾"x$^{15}/_{16}$" (152x44x24 mm)

SK-2323-SPAQ Only

- Similar to SK-2323-SPQ, but with the following additional features:
  - Piezoelectric touch keys
  - Lower profile: ⅜" (10mm)
  - No moving parts allow for heavy use

Sample Wiring Diagram


Red—12~24 VAC/VDC (+)
Pink—Output #1 (COM)
Black—12~24 VAC/VDC (-)
Green—Common ground (-)
Orange—Egress Input 1 (N.O.)
Yellow—Egress Input 2 (N.O.)
White —Output #1 (N.O.)
Aqua—Output #1 (N.C.)
Blue—Output #2 (N.O.)
Gray—Output #2 (N.C.)
Purple—Output #2 (COM)
Uninsulated Chassis Ground
To Chassis Ground
+
–
12~24 VAC/VDC Power Supply
Egress Button
Egress Button
Electric Strike
N.O.
N.C.
+
–
Diode
MOV
Alarm Control Panel

Model Numbers

SK-2323-SDQ
Mullion-style keypad

SK-2323-SPQ
Mullion-style keypad with built-in proximity card reader

SK-2323-SPAQ
Mullion-style piezoelectric keypad with built-in proximity card reader

Accessories

PR-K1S1-A
Proximity Cards (EM 125kHz)
(Sold in packs of 10)

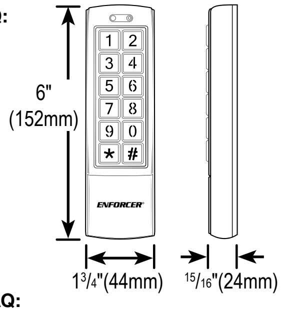
PR-K1K1-AQ
Proximity Keyfob (EM 125kHz)
(Sold in packs of 10)

Specifications

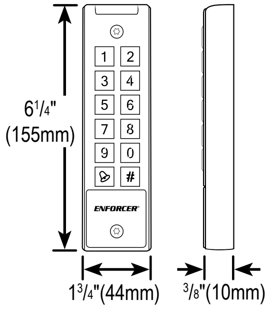
Operating voltage		12~24 VAC/VDC
Current draw	Standby	64mA@12VDC
	Active	120mA@12VDC (Max)
Relay outputs		1A@30VDC Form C NO/NC/COM
Egress inputs	Input #1	N.O. ground
	Input #2	N.O. ground
Door sensor input		N.C. ground
Tamper sensor		Optical
Operating temperature		-4°~122° F (-20°~50° C)
Keypad LED life		60,000 hours (over 6.8 years)

Dimensions

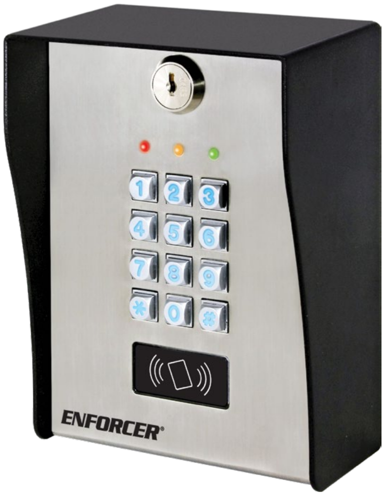
SK-2323-SxQ:


6"
(152mm)
1 2
3 4
5 6
7 8
9 0
* #
ENFORCER
1¾"(44mm)
15/16"(24mm)

SK-2323-SPAQ:


6¼"
(155mm)
1 2
3 4
5 6
7 8
9 0
#
ENFORCER
1¾"(44mm)
⅜"(10mm)

Heavy-Duty Outdoor Access Control Keypad with Proximity Reader



Features

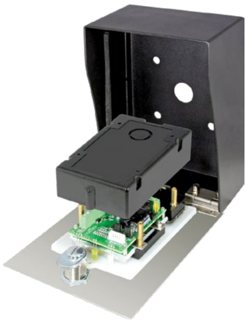
- Vandal resistant, suitable for wall, post, or gooseneck mounting
- Rugged construction – heavy-duty stainless steel faceplate with coated steel housing
- Built-in proximity card reader
- 12~24 VAC/VDC Operation, auto-adjusting
- IP66 Weather-resistant rating
- Keylock provides secure access to the interior of the keypad
- LED status indicators
- Backlit keys for easy nightime ues
- Up to 1,000 user codes and/or proximity cards for output #1, 100 for output #2, and 100 for output #3
- Up to 50 temporary visitor codes
- Up to 50 duress codes for output #1, 10 for output #2, and 10 for output #3
- Egress input lets users exit the premises without keying in the code
- Door sensor input for anti-tailgating operation
- Heave-duty, vandal-resistant enclosure

For optional proximity cards/keyfobs, see pg. 34

Model Numbers

SK-3133-PPQ
Outdoor keypad, 1,200 Users

Hinged Faceplate



Unique faceplate hinge allows for easy installation

Specifications

Operating voltage		12~24 VAC/VDC
Proximity reader frequency		EM 125kHz
Proximity reader sensing distance		1½" (38mm)
IP Rating		IP66
Operating humidity		5~95% Non-condensing
Operating temperature		– 4°~158° F (– 20°~70° C)
Material	Faceplate	$^{1}/_{16}$" (1.5mm) Stainless steel
	Housing	$^{5}/_{64}$" (2mm) Anodized steel, powder paint
Dimensions		$5^{1}/_{4}$"x$7^{1}/_{16}$"x$3^{3}/_{8}$" (133x180x85 mm)
Weight		3-lb 12-oz (1.7kg)

Mechanical Keypad Door Lock

Features

- Non-handed installation
- External and internal entry lever
- 13 code buttons, over 8,000 possible codes
- Lock code easily changed
- Suitable for door thicknesses from
- $1^{3}/_{16}$"~$2^{1}/_{8}$" (30~54 mm)
- Tubular latchbolt included
- Heavy-duty steel case (US32D/630)
- Fully mechanical
- No batteries or other power source required
- Free egress from inside
- Simple Installation

SECO-LARM
1
2
3
4
5
X
Y
6
7
8
9
0
Z
C

Model Number

SD-962H-8LAQ
Over 8,000 possible codes

NEW

Features

Code length	4~6 Digits (0~9, X, Y, and Z)
Handed	Field reversible
Bolt throw	$^{1}/_{2}$" (13mm)
Backset	$2^{3}/_{4}$" (70mm)
Housing	Heavy-duty satin finish stainless steel US32D/630
Dimensions	2"x$4^{3}/_{4}$"x$5^{1}/_{2}$" (50x120x140 mm)
Weight	3-lb 1-oz (1.35kg)

Outdoor Access Control Keypads

SK-1123-SDQ

SK-1123-SPQ

SK-1123-SPQ only

Model Numbers

SK-1123-SPQ
Prox. Card Reader, 1,100 Users

SK-1123-SDQ
1,100 Users

Accessories

PR-K1S1-A
Proximity Cards (EM 125kHz)
(Sold in packs of 10)

PR-K1K1-AQ
Proximity Keyfob (EM 125kHz)
(Sold in packs of 10)

Features

- Built-in proximity reader. 125kHz (EM125)*
- 12~24 VAC/VDC Auto-adjusting operation
- Up to 1,000 possible user codes (000~999) and/or proximity cards* programmable for output #1, 100 (001~100) for output #2
- Up to 50 (01~50) possible temporary visitor codes, which can be programmed for one-time or limited-time use (1~99 hours)
- Keypad illuminates when a button is pressed; backlight can be programmed for FULL, AUTO, or OFF in standby mode
- Output #1: Form C relay, 1A@30VDC max.
- Output #2: Form C relay, 1A@30VDC max.
- Outputs #1, #2 can be programmed to activate for up to 99,999 seconds (nearly 28 hours)
- Surface-mount back box included
- Duress code signals a silent alarm if an authorized user is forced to open the door under duress
- Egress input lets users exit the premises without keying in the code
- Interlocking input for connecting to a second keypad
- All features are programmed directly from the keypad: No need for an external programmer
- Tamper output: N.C. Dry contact, 50mA@24VDC max.
- IP66 Weather-resistant Rating
- EEPROM Memory protects programmed information in case of power loss
- Up to 50 (01~50) duress codes for output #1, 10 (01~10) for output #2
- Door sensor input for anti-tailgating operation

*SK-1123-SPQ ONLY

Specifications

Model		SK-1123-SPQ	SK-1123-SDQ
Operating voltage		12~24 VAC/VDC	
Current draw (at 12VDC)	Standby	66mA	
	Total max current	160mA	
Outputs	#1 – Form C	1A@30VDC	
	#2 – Form C	1A@30VDC	
	Key Active	100mA@24VDC	
	Duress	100mA@24VDC	
	Interlock	100mA@24VDC	
	Tamper	50mA@24VDC	
Inputs	Egress	N.O. Ground	
	Door sensor	N.C. Ground	
	Door inhibit	N.O. Ground	
Proximity reader frequency		EM 125kHz	N/A
Proximity reader sensing distance		1$^{1}/_{2}$" (38mm)	N/A
Operating temperature		-4°~158° F (-20°~70° C)	
Weight		1-lb 2-oz (520g)	
Dimensions (including back box)		4$^{15}/_{16}$"x3$^{1}/_{8}$"x2$^{1}/_{16}$" (125x79x52 mm)	

Super User Code

12~24 VAC/ VDC

Real Time Clock

2 Outputs

50 Visitor Codes

1,100 User Codes

Smart Egress

IP66 Weather proof

Fingerprint Reader Keypad

Features

- 500DPI Optical fingerprint reader
- Up to 3,000 users (up to 1,000 fingerprint users, up to 2,000 PIN users)
- User code length 4~6 digits
- 12VDC Operation
- Form C relay output – 2A@12VDC
- Tamper alarm output – 2.5A@12VDC
- Adjustable relay output time – 100ms~99s, or toggle
- Weather-resistant – IP66
- Wiegand output
- 2-Door interlock

Model Number

NEW

SK-2612-SFSQ
Fingerprint Reader and Keypad

Specifications

Current draw	Standby	45mA@12VDC
	Active	200mA@12VDC (max.)
Outputs	Form C	2A@12VDC
	Tamper alarm	2.5A@12VDC
Egress input		N.O. Ground
Door sensor input		N.C. Ground
Enclosure material		Zinc alloy
Operating temperature		–22°~140° F (–30°~60° C)
Dimensions		$2^{1}/_{4}$"x$5^{3}/_{8}$"x1" (58x137x26 mm)

Stand-Alone / Wiegand Keypad Reader

Features

- 1,000 Users (up to 998 users and 2 duress users)
- 9~18 VDC Operation
- Low current draw – 65mA max.
- Form C relay output – 2A@12VDC
- Supports EM125 cards (sold separately)
- Adjustable output time – 0.5~99s, or toggle
- Built-in tamper alarm and external alarm output
- Weather-resistant – IP66
- Backlit keypad
- EEPROM Memory protects programmed information in case of power loss
- All features programmed directly on the keypad: No need for an external programmer
- Egress input lets users exit the premises without keying in a code
- Wiegand output and input – 26~37 bits
- 2-Door interlock
- Easy transfer of settings/users to second device

For optional proximity cards/keyfobs, see pg. 34

Wiegand

Model Number

NEW

SK-2612-SPQ
Stand-Alone / Wiegand Keypad Reader

Specifications

Current draw	Standby	40mA@12VDC
	Active	105mA@12VDC (max.)
Outputs	Form C	2A@12VDC
	Alarm	2.5A@12VDC
Egress input		N.O. Ground
Door sensor input		N.C. Ground
Enclosure material		Black ABS plastic
Operating temperature		– 40°~140° F (– 40°~60° C)
Dimensions		$1^{15}/_{16}$"x$4^{3}/_{4}$"x$^{15}/_{16}$" (49x120x24 mm)

Stand Alone Keypads

Features

- Up to 1,000 users (up to 990 users and up to 10 visitors)
- 9~18 VDC Operation
- Form C relay output – 3A@12VDC
- Adjustable relay output time – 1~99s, or toggle
- Built-in tamper alarm
- Backlit keypad
- Multicolor status LED
- EEPROM Memory protects programmed information in case of power loss
- All features programmed directly on the keypad: No need for an external programmer
- Weather-resistant – IP66

SK-1612-SDQ

SK-2612-SDQ

Model Number

NEW

SK-1612-SDQ *Single-gang*
SK-2612-SDQ *Mullion*

Specifications

Model		SK-1612-SDQ	SK-2612-SDQ
Current draw	Standby	50mA@12VDC	
	Active	80mA@12VDC (max.)	
Egress input		3A@12VDC, Form C	
Door sensor input		N.O. Ground	
Enclosure material		Zinc alloy	
Operating temperature		-40°~140° F (-40°~60° C)	
Operating humidity		10~90% non-condensing	
Dimensions		$2^{5}/_{8}$"x$3^{7}/_{8}$"x$^{7}/_{8}$" (66x98x22 mm)	$1^{15}/_{16}$"x$4^{3}/_{4}$"x$^{15}/_{16}$" (49x120x24 mm)

Outdoor Proximity Card Reader

Features

- 12VDC Operation, 200mA@12VDC
- Supports EM125 cards, 10 Cards included
- Sealed and weatherproof (IP67)
- Tri-color wave-shaped LED status bar indicates proximity reader's mode and status:
  - Blue: On/Valid card indicator
  - Green: Programming mode
  - Red: Invalid card
- Buzzer for audible confirmation or silent mode (programmable)
- User cards easily deleted. Delete a single card, or all cards

ENFORCER
100,251
100,253
100,254
100,259
100,260
ENFORCER

Model Number

PR-112S-A
Up to 100 users, outdoor use

Specifications

Power input	12VDC
Current draw	Standby: 80mA@12VDC Active: 200mA@12VDC
User card limit	100 cards
Master card limit	5 cards
Outputs	1 relay (NO/NC/COM)

For optional proximity cards/ keyfobs, see pg. 34

Outdoor Wiegand Proximity Readers

Features

- 9~24 VDC Operation
- Low current draw – 50mA max.
- Built-in buzzer for external alarm input
- Multicolor status LED
- Supports EM125 cards, 10 Cards included
- Outdoor rated – IP66
- Extreme cold tolerance to -40° F (-40° C)
- Wiegand output reader – EM 26 bits
- Dimensions:

  PR-2121-PQ –
  1⁷⁄₁₆"x2¾"x¹¹⁄₁₆" (37x70x17 mm)
  PR-2123-PQ –
  1⅞"x4¾"x¹³⁄₁₆" (48x120x20 mm)
  PR-2125-PQ –
  2¹⁵⁄₁₆"x4¾"x¹³⁄₁₆" (75x120x20 mm)

Wiegand

PR-2121-PQ

PR-2123-PQ

PR-2125-PQ

Model Number

NEW

PR-2121-PQ *Mini*
PR-2123-PQ *Mullion*
PR-2125-PQ *Single-gang*

Specifications

Current draw	Standby	20mA@12VDC
	Active	50mA@12VDC (max.)
Outputs	Wiegand	EM – 26 bits
Card read range		0~2" (0~5 cm)
IP Rating		IP66
Operating temperature		– 40°~140° F (– 40°~60° C)

For optional proximity cards/ keyfobs, see pg. 34

Outdoor Stand-Alone / Wiegand Readers

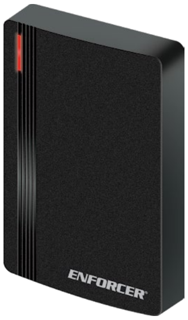
Features

- 1,000 Users (up to 998 users and 2 duress users)
- 9~24 VDC Operation
- Adjustable output time – 0.5~99s, or toggle
- Built-in tamper alarm and external alarm output
- Outdoor rated – IP66
- Can serve as Wiegand output reader or controller, output and input – 26~37 bits
- Supports EM125 cards, 10 Cards included
- 2-Door interlock
- Easy duplication of users to additional devices
- Dimensions:

  PR-3123-PQ –
  1⅞"x4¾"x¹³⁄₁₆" (48x120x20 mm)
  PR-3125-PQ –
  2¹⁵⁄₁₆"x4¾"x¹³⁄₁₆" (75x120x20 mm)

Wiegand

PR-3123-PQ



PR-3125-PQ

Model Number

NEW

PR-3123-PQ *Mullion*
PR-3125-PQ *Single-gang*

Specifications

Current draw	Form C	2A@12VDC
	Alarm	2.5A@12VDC
	Wiegand	26~37 bits
Wiegand input		26~37 bits, PIN input – 4, 8, or 10 bits
Egress input		N.O. Ground
Door sensor input		N.C. Ground
Operating temperature		– 40°~140° F (– 40°~60° C)

For optional proximity cards/ keyfobs, see pg. 34

Proximity Cards / Keyfobs

PR-K1S1-A

PR-K1K1-AQ

Model Number

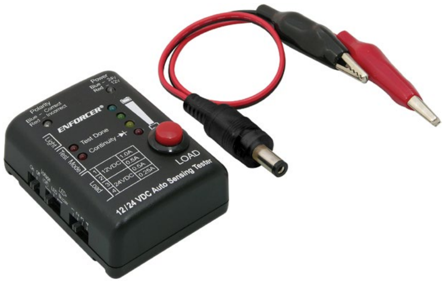
PR-K1S1-A
Proximity Cards (EM 125kHz)
(Sold in packs of 10)

PR-K1K1-AQ
Proximity Keyfob (EM 125kHz)
(Sold in packs of 10)

Battery Tester

Features

- Performs 6 essential tests in the field:
  - Continuity Testing
  - Voltage Testing
  - Load Testing
  - Polarity Testing
  - Voltage Drop Testing
  - PTC Fuse Testing
- Strength indication LEDs help test Load, Voltage, and PTC Fuses
- Selectable load
- Illuminated power connector
- Overheat indicator
- Alligator clips included



Model Numbers

ST-BT03Q
12/24VDC Auto-Sensing Tester

Specifications

Operating voltage		12/24 VDC (auto sensing)
Simulated load	For 12VDC	0.5A or 1.0A
	For 24VDC	0.25A or 0.5A

Push-to-Exit Bar

Model Number

SD-961A-36
Push-to-Exit bar

Specifications

Circuit type	2 NO/NC Contacts
Contact rating	5A@125VAC
Door size	For 36" doors
Dimensions	34½"x2¾"x2$\frac{13}{32}$" (876x70x61 mm)
Weight	7-lb (3kg)

Features

- New end caps come off and go on in seconds
- Designed to allow egress from inside an area normally locked by an electric lock or electromagnetic lock, and/or to disarm (shunt) or trigger an alarm when the door is opened
- Rugged, heavy-duty construction
- Pushing the bar at any point sends a signal to release the lock and/or sound an alarm
- For 36 inch doors (actual length is 34.5 inches)
- Includes 2 built-in non-latching (momentary), dual-contact switches (NO/COM/NC), rated 5A@125VAC
- Attractive brushed-aluminum bar with black base and trim
- Includes SECO-LARM SD-969-A18 Armored Door Cord, and mounting hardware (for mounting in wood or metal doors)
- Designed for easy cutting in field to match width of non-standard-sized doors

Rim-Type Exit Device

Features

- Fits doors from 30"~48" (76~122 cm)
- Works with standard external door handle/lock devices such as the ENFORCER Lever Trim (not included)
- Allen-type ¼-turn dogging lock allows the exit bar to be unlocked for extended periods of time
- Heavy-duty steel construction
- Compatible with SECO-LARM Surface-Mount Electric Rim Strikes

Model Numbers

SD-962AR-36A
For doors 30"~48" (76~122 cm) wide, UL listed

Accessories

SD-962HL-4A
Entry-type lever trim for SD-962AR-36A and SD-962AR-36G

Features

- Non-handed
- SC4, 6-pin lock
- Entry type
- Key locks and unlocks
- Two keys included

SD-998C-NUQ
SD-998C-D3Q
See page 19 for more

SD-998C-NUAQ
SD-998C-D3AQ
See page 19 for more

Grade 1 Rim-Type Exit Device

Features

- Heavy-duty ANSI Grade 1 steel
- Allows exit from inside while locked from outside
- Reversible, non-handed design
- Separate deadlocking latch prevents the use of credit cards or similar means to open the latch bolt
- Allen-type ¼-turn dogging lock allows the exit bar to be unlocked for extended periods of time
- Includes all hardware for typical installation
- Works with standard external door handle/lock devices (not included)
- For metal or wood doors up to 1¾" thick (44.5mm)
- UL Listed
- Fits door from 33"~48" (84~122 cm)
- Compatible with SECO-LARM Surface-Mount Electric Rim Strikes

Model Number

SD-962AR-36G
For doors 33"~48" (84~122 cm), UL listed

Accessories

SD-962HL-4A
Entry-type lever trim for SD-962AR-36A and SD-962AR-36G

Features:

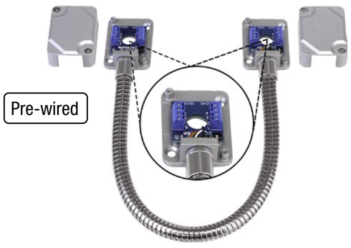
- Non-handed
- SC4, 6-pin lock
- Entry type
- Key locks and unlocks
- Two keys included

SD-962H-6LB
Escutcheon lever trim for SD-962AR-36G

Features:

- Non-handed
- Includes high-security lock with two keys
- Actuating shaft telescopes to the proper length to fit almost any door size

Armored Door Cords (Removable Covers)



SD-969-T15Q/S
(Silver finish)

SD-969-M15Q/B
(Bronze finish)

Features

- Designed to carry wiring to conduct power to electric locks or access systems mounted in doors
- Once mounted, to access simply remove cover. Door cord stays in place. No need to remove door cord from the door. Prevents stripping of the screws and mounting points
- Surface mount
- 15" (39cm) Stainless steel armored cable
- Security screws (included) to prevent tampering
- Available in bronze and silver finish
- Terminal blocks with pre-wired cables (8 connections) for quick, easy, and secure installation (SD-969-T15Q)

Model Numbers

SD-969-T15Q/S: Silver
Door cord with Terminal Blocks

SD-969-T15Q/B: Bronze
Door cord with Terminal Blocks

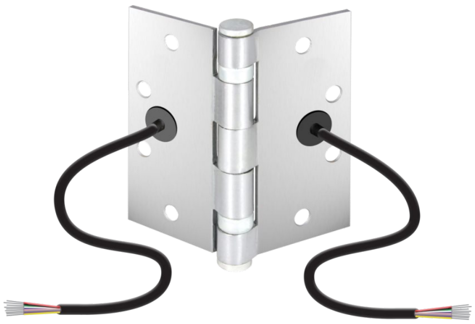
SD-969-M15Q/S: Silver
Door cord with Removable Cover

SD-969-M15Q/B: Bronze
Door cord with Removable Cover

Specifications

Model	SD-969-T15Q/S SD-969-T15Q/B	SD-969-M15Q/S SD-969-M15Q/B
Cord Length	15" (39cm)	
Terminal Block	Yes	No
Pre-wired	Yes	No
Maximum Current	3A@30VAC/VDC	N/A
Construction	Stainless steel armored	
Outside Dia.	7/16" (11mm)	
Inside Dia.	5/16" (8mm)	

Electric Transfer Hinge



Model Numbers

NEW

SD-H412
5-knuckle, 4-wire electric transfer hinge with concealed wiring

Specifications

Operating voltage	12~30 VAC/VDC
Current draw (28AWG)	0.5A@30VAC/VDC
Operating temp.	-4~185° F (-20~85° C)
Dimensions	4 1/2"x4 1/2"x1/8" (114.3x114.3x3.4 mm)
Weight	16-oz (454g)

Armored Door Cords

Features

- Designed to carry wiring to conduct power to electric locks or access systems installed in doors
- Surface mount
- Stainless steel armored cable
- Mounting screws included

SD-969-A18Q

SD-969-S18Q

Model Numbers

SD-969-S18Q
Aluminum capped, 17"

SD-969-A18Q
Plastic capped, 16"

Specifications

Model	SD-969-S18	SD-969-A18
End cap	Aluminum	Plastic
Cord Length	17" (43cm)	16" (40cm)
Construction	Stainless steel armored	
Inside door cord diameter	5/16" (8mm)	
Outside door cord diameter	7/16" (11mm)	1/2" (13mm)

Surface-Type Door Closer w/ Back Check

Cover included

Model Number

SD-C101-SBBQ
Up to 330-lb, ANSI size 1~6

Features

- Heavy-duty Grade 1 door closer for commercial use
- Adjustable sweep speed, latching speed, and back check
- Non-handed installation
- ANSI 156.4 certification 2 million life cycles
- Cast iron body & forged steel arm
- Concealing plastic cover
- Adjustable spring force
- Max. Door Opening Angle
  Hinge Side: 130˚
- Door width: 32"~60" (800~1500 mm)
- Door weight: 145~330-lb (65-150 kg)

Surface-Type Door Closer w/ Back Check

Cover included

Model Number

SD-C101-SBAQ
Up to 330-lb, ANSI size 1~6

Features

- Heavy-duty Grade 1 door closer for commercial use
- Adjustable sweep speed, latching speed, and back check
- Non-handed installation
- ANSI 156.4 certification 2 million life cycles
- Cast-aluminum body & forged steel arm
- Concealing plastic cover
- Adjustable spring force
- Max. Door Opening Angle
  Hinge Side: 180˚
- Door width: 32"~60" (800~1500 mm)
- Door weight: 45~330-lb (20-150 kg)

Grade 1 Door Closer

Model Number

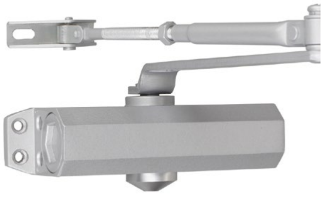
SD-C101-SGQ
Up to 330-lb, ANSI size 1~6

Features

- Fits metal or wood doors up to 59" (150cm) wide
- Door weight up to 330-lb (150kg), adjustable for size 1~6
- Two independent valve adjustments for easy setting of sweep and latch speed
- Grade 1 door closer
- Reversible, non-handed design
- Anodized aluminum body
- Silver finish
- Forged steel arms
- Includes mounting hardware

Door Closers

SD-C121-S



SD-C131-SQ

Model Numbers

SD-C121-S
Up to 100-lb, ANSI size 2

SD-C131-SQ
Up to 140-lb, ANSI size 3

Features

- Reversible, non-handed design
- Two independent valve adjustments for easy setting of sweep and latch speed
- Anodized aluminum body
- Silver finish
- Forged steel arms
- Includes mounting hardware

SD-C121-S Only:

- Fits metal or wood doors up to 42" (107cm) wide
- Door weight up to 100-lb (45kg), ANSI size 2

SD-C131-SQ Only:

- Fits metal or wood doors up to 36" (91cm) wide
- Door weight up to 140-lb (65kg), ANSI size 3

Request-to-Exit Plates

ENFORCER®
PUSH
TO
EXIT

SD-7202GC-PEQ

Illuminated | SPDT

- 2" Square illuminated pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Single-gang, stainless steel faceplate
- NO/NC Contacts rated 50A@24VAC

ENFORCER®
PUSH
TO
EXIT

SD-7103GC-PEQ

Illuminated | DPST

- Illuminated green pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Slimline, stainless steel faceplate
- NO/NC Contacts rated 5A@24VAC

ENFORCER®
PUSH
TO
EXIT

SD-7202GC-PTQ

Illuminated | Timer | SPDT

Similar to SD-7202GC-PEQ but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status
- NO/NC Contacts rated 3A@24VAC

ENFORCER®
PUSH
TO
EXIT

SD-7103GC-PTQ

Illuminated | Timer | SPDT

Similar to SD-7103GC-PEQ but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status
- NO/NC Contacts rated 3A@24VAC

ENFORCER®
PUSH
TO
EXIT

SD-7223GW-LQ

Illuminated | SPDT

- 2" Square illuminated pushbutton
- Includes interchangeable messages in English, Spanish, and French
- Single-gang, white plastic faceplate
- NO/NC Contacts rated 50A@24VAC

SD-7217GWQ

SPDT

- No message screen printed on plate
- Green 1½" pushbutton
- Single-gang white-plastic faceplate
- NO/NC Contacts rated 50A@24VAC

ENFORCER®
EXIT
SALIDA

SD-7201GCPE1Q	SPDT
SD-7201GFPE1Q	DPDT

- "EXIT" and "SALIDA"
- Green 1½" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contacts rated 50A@24VAC

ENFORCER
PUSH TO
EXIT

SD-7201GC-PEQ

SPDT

- "PUSH TO EXIT"
- Green 1½" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contacts rated 50A@24VAC

Request-to-Exit Plates

ENFORCER
EXIT
SALIDA

SD-7201RCPE1Q

SPDT

- "EXIT" and "SALIDA"
- Red 1½" pushbutton
- Single-gang, stainless steel faceplate
- NO/NC Contacts rated 50A@24VAC

ENFORCER
EXIT
SALIDA

SD-7201GAPT1Q

Timer | SPDT

Similar to SD-7201GCPE1Q but with:

- Built-in timer: 1~180 seconds
- Buzzer output for audible status
- NO/NC Contacts rated 3A@24VDC

ENFORCER
PUSH
TO
EXIT

SD-7623-GSTQ

Illuminated | Timer | LED

- Single-gang, stainless steel faceplate
- Built-in dual-colored status LED
- Field-programmable color, red or green
- Built-in timer, 1~180 seconds
- 12/24 VDC Operation
- NO/NC Contacts rated 3A@24VDC

ENFORCER
EXIT

SD-7217-GSBQ

Buzzer | LED | DPST

- Single-gang, stainless steel faceplate
- Built-in buzzer with adjustable sound level
- Built-in LED for visible status
- 12/24 VDC Operation
- NO/NC Contacts rated 10A@125VAC

ENFORCER
EXIT

SD-7286-GWQ

DPDT

- Large green 2" diameter pushbutton
- Flush mount, protrudes only 9⁄16" (15mm)
- Aluminum back plate fits to single-gang box
- ABS plastic front cover snaps to back plate
- DPDT Momentary switch, 5A@125VAC contact rating

ENFORCER
EXIT
SALIDA

SD-7213-GSP *Green mushroom pushbutton*

SD-7213-RSP *Red mushroom pushbutton*

Pneumatic Timer | DPST

- Single-gang, stainless steel faceplate
- Built-in pneumatic timer requires no external power
- NO/NC Contacts rated 5A@125VAC
- Timer adjustable from 1~60 seconds
- Conforms to NFPA 101 Fire Codes for non-electrical breaking of contact

ENFORCER
EXIT
SALIDA

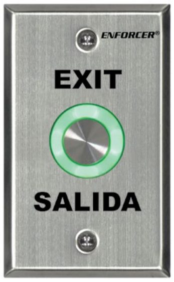
SD-7257-SSTQ *Single-gang*

NEW

Vandal | Illuminated | DPST

- 12~24 VDC Operation
- NO/NC Contacts rated at 2A@24VAC
- Weatherproof (IP65)
- Dual color LED (red/green)
- Built-in timer, 0.5~60 seconds, toggle, and momentary
- Built-in adjustable buzzer

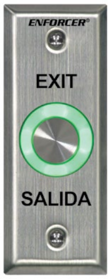
Request-to-Exit Plates


ENFORCER®
EXIT
SALIDA

SD-6276-SS1Q

Illuminated
Timer
SPDT

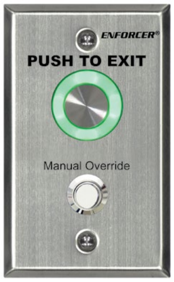
- Single-gang, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2.5A@24VAC/VDC


ENFORCER®
EXIT
SALIDA

SD-6176-SS1Q

Illuminated
Timer
SPDT

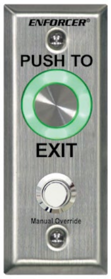
- Slimline, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2.5A@24VAC/VDC


ENFORCER®
PUSH TO EXIT
Manual Override

SD-6276-SSVQ

Illuminated
Timer
Override

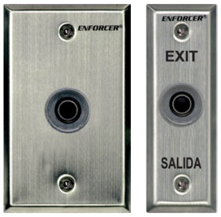
- Single-gang, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2.5A@24VAC/VDC
- Built-in manual override button


ENFORCER®
PUSH TO
EXIT
Manual Override

SD-6176-SSVQ

Illuminated
Timer
Override

- Slimline, stainless steel faceplate
- Piezoelectric buttons for indoor or outdoor use
- Dual color LED ring shows status
- Timer adjustable 1~30 seconds or toggle
- Dual NO/NC contacts rated 2.5A@24VAC/VDC
- Built-in manual override button

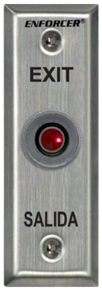

ENFORCER®
ENFORCER®
EXIT
SALIDA

SD-7201KBQ *Single-gang*

SD-7101KBPE1Q *Slimline*

SPST

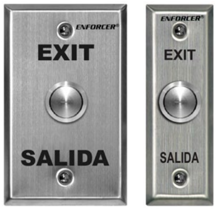
- Black pushbutton
- Stainless steel, ring guard
- N.C. Contact rated 1A@125VAC
- IP56 Weatherproofing


ENFORCER®
EXIT
SALIDA

SD-7101RAEX1Q

SPST

- Red pushbutton
- Stainless steel, ring guard
- N.O. Contact rated 1A@125VAC
- IP56 Weatherproofing

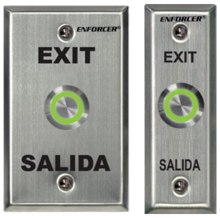

ENFORCER®
EXIT
SALIDA
ENFORCER®
EXIT
SALIDA

SD-7204SGEX1Q *Single-gang*

SD-7104SGEX1Q *Slimline*

Vandal
DPST

- Vandal-resistant, 1" diameter, stainless steel pushbutton
- NO/NC Contacts rated 50A@24VAC
- "EXIT" and "SALIDA" silk-screened on plate
- IP56 Weatherproofing


ENFORCER®
EXIT
SALIDA
ENFORCER®
EXIT
SALIDA

SD-7275SGEX1Q *Single-gang*

SD-7175SGEX1Q *Slimline*

Vandal
Illuminated
DPST

- 1" diameter, illuminated 2-color, momentary pushbutton
- NO/NC Contacts rated 50A@24VAC
- "EXIT" and "SALIDA" silk-screened on plate
- IP56 Weatherproofing

Miniature Push Buttons/RTE Plates

EXIT
ENFORCER
SALIDA

PB-2618-GQ

- Large green metal mushroom button
- Surface-mount with backbox
- N.O. Push-to-close 3A@36VDC
- 2$^{1}/_{16}$"x2$^{1}/_{16}$"x1$^{3}/_{8}$" (53x53x35 mm)

EXIT
ENFORCER
SALIDA

PB-2318-SQ

- Vandal-resistant metal button
- Flush-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 2$^{1}/_{16}$"x2$^{1}/_{16}$"x1$^{9}/_{16}$" (53x53x39 mm)
- Pushbutton component is UL Recognized

EXIT
SALIDA
ENFORCER

PB-5118-GQ

- Large green metal mushroom button
- Flush-mount with backbox
- N.O. Push-to-close 3A@36VDC
- 3$^{3}/_{16}$"x1$^{1}/_{4}$"x1$^{1}/_{4}$" (81x32x32 mm)

EXIT
SALIDA
ENFORCER

PB-5318-SQ

- Vandal-resistant metal button
- Flush-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3$^{7}/_{16}$"x1$^{5}/_{16}$"x1$^{9}/_{16}$" (88x34x39 mm)
- Pushbutton component is UL Recognized

EXIT
SALIDA
ENFORCER

PB-5348-SQ

- Illuminated metal button
- Flush-mount with backbox
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3$^{3}/_{16}$"x1$^{1}/_{4}$"x1$^{15}/_{16}$" (81x32x50 mm)

Rocker Switches

ENFORCER
EXIT
SALIDA

PB-2811-WWQ

- Rocker switch
- Surface-mount with backbox
- SPDT switch (NO/NC/COM) 3A@36VDC
- 2$^{11}/_{16}$"x2$^{11}/_{16}$"x1$^{3}/_{8}$" (69x69x35 mm)

ENFORCER
EXIT
SALIDA

PB-1311-WWQ

- Rocker switch
- Flush-mount
- SPDT switch (NO/NC/COM) 1A@24VDC
- 3$^{3}/_{8}$"x3$^{3}/_{8}$"x1$^{7}/_{16}$" (86x86x36 mm)

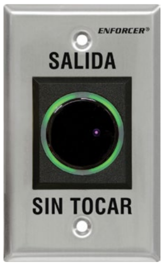
ENFORCER
EXIT
SALIDA

PB-5811-WWQ

- Rocker switch
- Surface-mount
- SPDT switch (NO/NC/COM) 3A@36VDC
- 3$^{3}/_{8}$"x1$^{11}/_{16}$"x$^{7}/_{8}$" (86x43x23 mm)
- UL Recognized microswitch

Indoor No-Touch Sensors

SD-927PKC-NEQ


SD-927PKC-NSQ

SD-927PKC-NFQ

SD-927PWCQ

Features

- No-touch – just wave a hand in front of the sensor
- Sensing range: 2$^{3}/_{8}$"~8" (6~20 cm) (SD-927PWCQ, up to 2" (5cm))
- Selectable LED color: Green to red or red to green
- SPDT relay output, 3A@24VDC
- Clean and simple no-touch operation reduces the risk of cross-contamination
- Reliable motion-sensing IR technology
- Durable, stainless steel, single-gang faceplate (except for SD-927PWCQ)
- Built-in timer, adjustable 0.5~20 second (except for SD-927PWCQ)
- 12~24 VDC
- Current draw: 50mA@12VDC
- Dimensions: 2$^{3}/_{4}$"x4$^{1}/_{2}$"x1$^{5}/_{16}$" (70x115x33.5 mm)

Model Numbers

SD-927PKC-NEQ NEW
Single-gang, stainless steel faceplate, with built-in timer, English message

SD-927PKC-NSQ NEW
Single-gang, stainless steel faceplate, with built-in timer, Spanish message

SD-927PKC-NFQ NEW
Single-gang, stainless steel faceplate, with built-in timer, French message

SD-927PWCQ
Single-gang, white plastic faceplate, with English, French, and Spanish messages

Specifications

Model		SD-927PKC-NxQ	SD-927PWCQ
Power		12~24 VAC/VDC	12VDC
Current drain (max)		120mA@12VDC	50mA@12VDC
Relay type		Form C dry contact, 3A@24VDC	
Switching capacity		3A@24VDC	
Response time		10mS	
LEDs	Standby	Red (selectable)	
	Triggered	Green (selectable)	
Output time		0.5~30 sec., toggle, or as long as sensor is triggered	n/a
Sensing range		Adjustable, 2$^{3}/_{8}$"~8" (6-20 cm)	2"(5cm)
Operating temp.		– 4°~131° F (– 20°~55° C)	

Outdoor No-Touch Sensors

SD-9263-KSQ

SD-9163-KSQ

SD-9263-KSVQ

SD-9163-KSVQ

Features

- Weatherproof (IP65) construction for outdoor use
- Clean and simple no-touch operation reduces the risk of cross-contamination
- Adjustable sensor range up to 7" (18cm)
- SPDT Relay output, 1.2A@24VDC
- Adjustable trigger duration 0.5~30 seconds or toggle
- Selectable LED color: Green to red or red to green
- 12/24 VDC Operation
- Current draw: 25mA@12VDC, 32mA@24VDC

SD-9263-KSVQ, SD-9163-KSVQ:

- Manual override button function in case of power failure

SD-9263-KS1Q, SD-9163-KS1Q:

- Spanish versions

SD-9263-KS2Q, SD-9163-KS2Q:

- French versions

Model Numbers

SD-9263-KSQ
Single-gang, no-touch sensor

SD-9163-KSQ
Slimline, no-touch sensor

SD-9263-KSVQ
Single-gang, no-touch sensor with mechanical override

SD-9163-KSVQ
Slimline, no-touch sensor with mechanical override

SD-9263-KS1Q
Single-gang, no-touch sensor, Spanish message

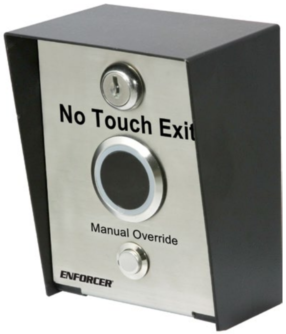
SD-9263-KS2Q*
Single-gang, no-touch sensor, French message

SD-9163-KS1Q
Slimline, no-touch sensor, Spanish message

SD-9163-KS2Q*
Slimline, no-touch sensor, French message

* French versions, contact SECO-LARM for details

Post-Mount No-Touch Sensor



Features

- Adjustable sensor range up to 7" (18cm)
- Weather resistant for outdoor use (IP65)
- Stainless steel faceplate
- Hinged faceplate easily removes from box for easy wiring
- Gooseneck or wall-mountable
- Manual override button
- LED-Illuminated sensor area
- Selectable LED colors (turns from red to green or green to red) on sensor activation
- Includes heavy-duty steel box

Model Number

SD-9963-KSGQ
Post-mount, no-touch sensor with manual override

Specifications

Operating voltage		12~24 VDC
Current drain (max.)	Standby	16mA@12VDC / 25mA@24VDC
	Triggered	25mA@12VDC / 32mA@24VDC
Relay type		Form C dry contact, 1A@30VDC
Response time		10ms
LEDs	Standby	Red (selectable)
	Triggered	Green (selectable)
Output time		0.8~30 s or toggle
IP Rating		IP65
Temperature range		-4°~131° F (-20°~55° C)
Dimensions		4"x5½"x3" (102x134x77 mm)
Keys included		2

Mullion Surface-Mount RTE Bars

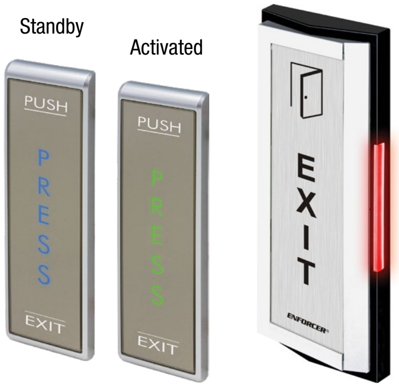
Features

SD-7093-SGDQ:

- Illuminated text for easy visibility
- Press anywhere on surface to activate contact
- Blue LED on when in standby, green LED when contact is activated
- Thin attractive design (½")

SD-7098-SKDQ:

- Dual-colored LED Indicates status
- Momentary SPDT switch
- Operating life: Over 100,000 cycles (factory tested)
- Oversized plate for increased visibility



SD-7093-SGDQ

SD-7098-SKDQ

Model Number

SD-7093-SGDQ
RTE Bar with LED illumination

SD-7098-SKDQ
RTE Bar with dual-color side LED

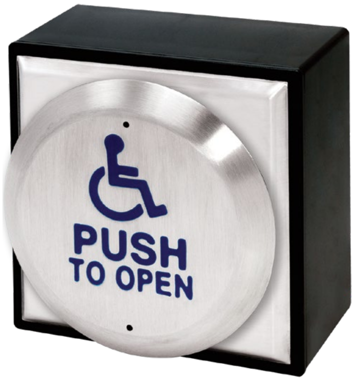
Specifications

Model	SD-7093-SGDQ	SD-7098-SKDQ
Operating voltage	12VDC	12/24 VDC
Contact rating	1A@30VDC	1A@30VDC 0.5A@125VAC
Switch type	NO/NC	NO/NC/COM/SPDT
Dimensions	$1^{9}/_{16}$"x$6^{1}/_{16}$"x$^{1}/_{2}$" (40x154x13 mm)	$3^{3}/_{4}$"x$9^{13}/_{16}$"x$^{7}/_{8}$" (95x250x22 mm)

4.5" Round Push Plate

Features

- Large, stainless steel plate button for public area usage
- International Symbol of Access and "PUSH TO OPEN" engraved for easy visual and tactile identification
- Use with SECO-LARM maglocks for an easily installed, high-security system
- Contact rating: 15A@125/250 VAC
- Momentary SPDT switch
- Operating life: Over 100,000 cycles (factory tested)
- Surface-mount plastic back box allows for quick installation, flexible mounting, and easy RF (wireless) upgrade



Model Number

SD-7983-SSHQ
4.5" Round Push Plate

Specifications

Contact rating	15A@125/250 VAC
Switch type	NO/NC/COM (SPDT)
Contact resistance	50mΩ Max.(initial)
Operating life	100,000 Cycles (factory tested)
Operating travel	1.27mm
Flammability rating	UL94HB
Material	Stainless Steel/ABS Plastic
Dimensions	$5^{1}/_{8}$"x$5^{1}/_{8}$"x$2^{1}/_{8}$" (130x130x54 mm)
Operating temp.	32°~221° F (0°~105° C)
Weight	16.5-oz (467g)

RF Wireless RTE Transmitters

ENFORCER
PUSH TO EXIT
Red=Low Battery

SD-8202GT-PEQ

ENFORCER
PUSH TO EXIT

SD-862T-GWSQ

Features

SD-8202GT-PEQ:

- Single-gang, stainless steel faceplate
- For hard-to-wire installations
- Range of 250ft (76m)
- 2" Square illuminated pushbutton
- Built-in RF transmitter (similar to SK-919TDWS-BUQ; see page 78-80 for compatible receivers)

SD-862T-GWSQ:

- Completely wireless and portable
- Range of 250ft (76m)
- Useful for hard-to-wire installations
- Use in offices, factories, institutions, or residences
- Desk mount or wall mount wireless RTE button
- No exposed antenna
- Single-gang faceplate
- 2" square pushbutton
- Back box included
- 9V alkaline battery included
- Compatible with SECO-LARM 315MHz receivers (see pages 78-80)

Model Number

SD-8202GT-PEQ
Wireless 2" square, illuminated green pushbutton, 315MHz

SD-862T-GWSQ
Wireless 2" square, green pushbutton, with backbox, 315MHz

Accessories

SK-910RBQ
315MHz 1-Channel RF receiver (see page 78)

SK-910RAV2Q
315MHz Miniature 2-channel RF receiver (see page 79)

SK-910R3Q
315MHz 3-Channel RF receiver (see page 80)

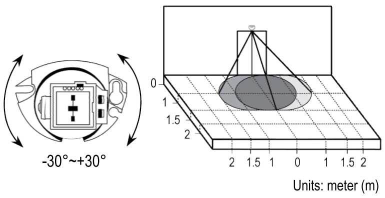
SK-910R4Q
315MHz 4-Channel RF receiver (see page 80)

Microwave RTE Sensor

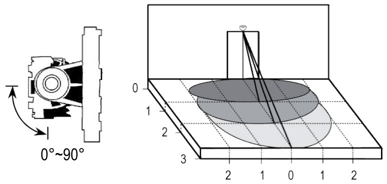
Features

- 12~24 VDC Operating voltage
- 24.150GHz Microwave Doppler technology
- 10ft (3m) Sensing range, adjustable
- Adjustable relay output time, 1~33 s
- Small size allows for a wide range of applications
- Universally compatible, install the sensor above automatic doors for no-touch ingress/egress
- More consistent detection in large areas and over a wide range of temperatures
- Indoor use only

Detection Area



Horizontal Area of Detection



Vertical Area of Detection

Model Number

NEW

SD-R400-BQ
Microwave RTE Sensor

Specifications

Operating voltage		12~24 VDC
Current draw	Standby	23mA@12VDC / 14mA@24VDC
	Active	39mA@12VDC / 21mA@24VDC
Sensor frequency		24.150GHz
Sensor range		3'~10' (0.9~3m), adjustable
Min. detection speed		5cm/s
Output relay		2A@30VDC (0.5A@125VAC) Dry relay, NO/NC/COM
Relay output time		1~33 s
Mounting height		6'~10' (1.8~3 m)
Cable length		8' (2.5m)
LED Indicator		Red on relay activation
Case material		Black ABS/Polycarbonate
Operating temp.		– 4°~131° F (– 20°~55° C)
Dimensions		$3^1/_8$"x$2^3/_8$"x$2^1/_8$" (80x60x54 mm)
Weight		2.5-oz (70g)

Request-to-Exit Key Switch Plates

SD-72051-V0, SD-72002-V0

SD-71051-V0, SD-71002-V0

Features

SD-72051-V0 and SD-71051-V0:

- N.C. Turn-to-Open
- Stainless steel plate
- Includes shunt ON, momentary OFF spring loaded keylock switch
- Switch is maintained ON, springs back from OFF
- Key is removable from the ON position
- Replacement key available (SS-090KN-0)

SD-72002-V0 and SD-71002-V0:

- N.C.Turn-to-Open
- Stainless steel plate
- Includes maintained ON/OFF keylock switch
- Switch can be left ON or OFF
- Key is removable from the ON or OFF position
- Replacement key available (SS-090KN-0)

Model Numbers

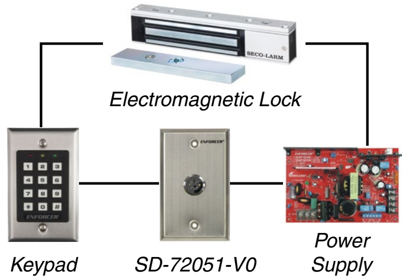
SD-72051-V0
Single-gang, momentary

SD-72002-V0
Single-gang, shunt

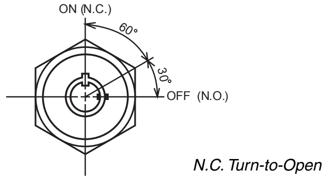
SD-71051-V0
Slimline, momentary

SD-71002-V0
Slimline, shunt

Application

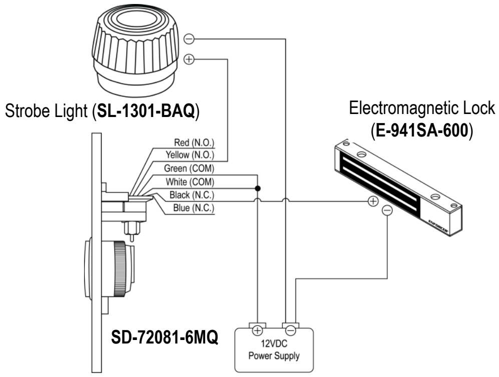

Electromagnetic Lock
Keypad
SD-72051-V0
Power Supply

Keylock Switch Type


ON (N.C.)
60°
30°
OFF (N.O.)

N.C. Turn-to-Open

Mortise Cylinder Key Switchs


Strobe Light (**SL-1301-BAQ**)
Electromagnetic Lock (**E-941SA-600**)
Red (N.O.)
Yellow (N.O.)
Green (COM)
White (COM)
Black (N.C.)
Blue (N.C.)
SD-72081-6MQ
12VDC Power Supply

Features

- Acts as a backup for access control systems so that the system does not rely on the integrity of a single device
- For electric lock control or alarm panels
- Keyed mortise cylinder (2 keys included)
- Mortise cylinder removable for ease of keying
- Flush-mount with vandal-resistant screws
- Back plate fits to single-gang box
- Stainless steel front cover conceals screws
- DPDT switch rated 5A@125VAC
- Color-coded wires

Model Number

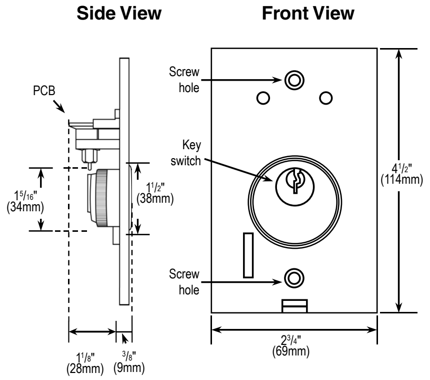
SD-72031-6MQ
Single-gang, maintained

SD-72081-6MQ
Single-gang, momentary

Specifications

Switch Type	DPDT Switch
Contact Rating	5A@125VAC, NO/NC
Dimensions	2$^3/_4$"x4$^1/_2$"x1$^7/_{16}$" (69x114x37 mm)

Dimensions


Side View
Front View
PCB
Screw hole
Key switch
Screw hole
1$^5/_{16}$" (34mm)
1$^1/_2$" (38mm)
1$^1/_8$" (28mm)
$^3/_8$" (9mm)
4$^1/_2$" (114mm)
2$^3/_4$" (69mm)

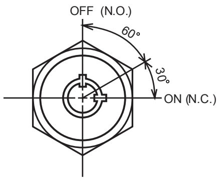
Tubular Key Lock Switches

PATENTED

SS-090

SS-090 *Shunt ON/OFF, two terminals, SPST*

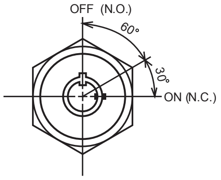
- Maintained ON/OFF, key removable from both ON and OFF positions
- Commonly used as an ON/OFF switch to arm/disarm alarm or shunt zone
- Rated 2A@12VDC
- N.O. Turn to close
- Replacement keys available (see chart)



SS-090-1H0

SS-090-1H0 *Shunt ON/OFF, two terminals, SPST*

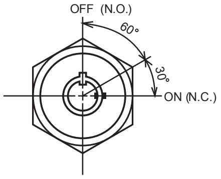
- Maintained ON/OFF, key removable from OFF position only
- Commonly used in situations that require return of key to ensure that device is OFF
- N.O. Turn to close
- Replacement key available (SS-090-1H0)



SS-095

SS-095 *Momentary ON, shunt OFF, two terminals, SPST*

- Maintained OFF, springs back from ON; key removable from ON position only
- Commonly used for momentary arm/disarm alarm inputs or other applications requiring high-security momentary ON
- N.O. Turn to close
- Replacement keys available (see chart)



Spare / Replacement Keys

SS-090KN

- Replacement keys for tubular key lock switches
- Eleven different key numbers available (1300-1310)
- See the chart below for which key numbers are available for each key lock and the correct key lock part numbers for ordering

Ordering Information

Key #	SS-090	SS-095	SS-090-1H0	SS-090KN
1300	SS-090-2H0	SS-095-1H0	SS-090-1H0	SS-090KN-0
1301	SS-090-2H1	SS-095-1H1	N/A	SS-090KN-1
1302	SS-090-2H2	SS-095-1H2	N/A	SS-090KN-2
1303	SS-090-2H3	SS-095-1H3	N/A	SS-090KN-3
1304	SS-090-2H4	SS-095-1H4	N/A	SS-090KN-4
1305	SS-090-2H5	SS-095-1H5	N/A	SS-090KN-5
1306	SS-090-2H6	SS-095-1H6	N/A	SS-090KN-6
1307	SS-090-2H7	SS-095-1H7	N/A	SS-090KN-7
1308	SS-090-2H8	SS-095-1H8	N/A	SS-090KN-8
1309	SS-090-2H9	SS-095-1H9	N/A	SS-090KN-9
1310	SS-090-2HX	SS-095-1HX	N/A	SS-090KN-X

Accessories

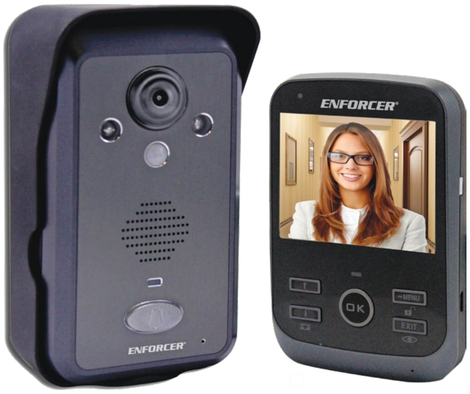
SS-199Q
Stainless steel slimline plate with ¾" (19mm) "D" hole

SS-299Q
Stainless steel single-gang plate with ¾" (19mm) "D" hole

Wireless Video Door Phone

Model Number

DP-266-1C3Q
Camera and monitor set


ENFORCER
ENFORCER
OK
MENU
EXIT

2
Cameras
3
Monitors

Features

- Wireless operation – camera and monitor can operate from up to 492ft (150m)*
- Remotely and securely talk to visitors and unlock doors or gates via the monitor
- Lightweight monitor can be carried around the premises while talking to the visitor
- Connect up to two additional monitors and one additional camera
- Intercom calling between paired monitors
- Camera has built-in IR LEDs for nighttime operation
- Camera includes a built-in PIR sensor that activates the camera and takes photos of the visitor when they approach
- Monitor includes a kickstand and a charging base
- Camera powered by 9~16 VAC/5~16 VDC
- Monitor front door at any time
- Egress input
- 170° wide field of view
- Adjustable camera pan and tilt angle – up to 20° from centerline in any direction – to allow for mounting variations

Specifications

Camera

Type		Color camera
Chip		CMOS
Resolution		480 TV Lines
Lens		2mm
Field of view		170°
Camera angle adjustment		Up to 20° any direction
Operating voltage		9~16 VAC/5~16 VDC
Relock delay		3/6/8 Seconds
Relay output		3A@250VAC/30VDC
Current draw	Active	300mA@12VDC
	Standby	15mA@12VDC
Battery life	Active	~7 Hours
	Standby	~60 Days
IR LED Range		5' (1.5m)
IR LED Frequency		940nm
PIR Detection range		9' (3m)
PIR Detection angle		60°
Dimensions		5$^{11}/_{16}$"x3$^{1}/_{8}$"x1$^{15}/_{16}$"
(with bracket)		(144x80x50 mm)
Weight		4.3-oz (122g)
Operating temperature		14°~122° F (-10°~50° C)

Monitor

Display		33/8" (86mm) TFT
Operating voltage		5VDC (adapter) or 3.7VDC (battery)
Current draw	Active	370mA@3.7VDC
	Standby	5mA@3.7VDC
Battery life	Active	~2.5 Hours
		~7 Days
Operating frequency		2402~2480 MHz
RF power		120mW
Wireless range		492' (150m)*
Dimensions		5"x3$^{3}/_{8}$"x$^{7}/_{8}$" (127x85x22 mm)
Weight		3.9-oz (110g)
Operating temperature		32°~104° F (0°~40° C)

*Line-of-sight range. Actual range may vary depending on the installation and operating environment.

Accessories

DP-266-M3Q
Additional monitor

DP-266-SQ
Replacement monitor charger stand

DP-266-BM3
Replacement rechargeable lithium ion battery for monitor

DP-266-CQ
Additional camera

DP-266-BC
Replacement rechargeable lithium ion battery for Camera

Special Features

Unlocks Doors
Allows access remotely via the monitor

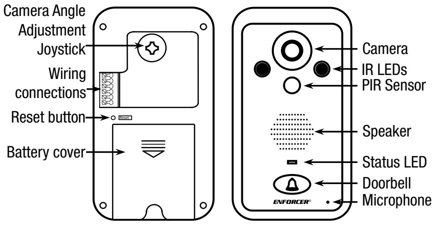
Wireless Operation
Range: Up to 492ft (150m)

2 Cameras, 3 Monitors
Pair up to 3 monitors with 2 camera

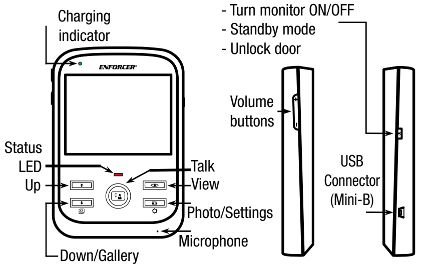
Adjustable Viewing Angle
Larger variety of viewing angles

Overview

Camera


Camera Angle Adjustment Joystick
Wiring connections
Reset button
Reset
Battery cover
Camera
IR LEDs
PIR Sensor
Speaker
Status LED
Doorbell
Microphone
ENFORCER

Monitor


Charging indicator
ON/OFF Button:
- Turn monitor ON/OFF
- Standby mode
- Unlock door
ENFORCER
Volume buttons
Status LED
Up
Talk
View
Photo/Settings
Microphone
Down/Gallery
USB Connector (Mini-B)

Hands-Free Video Door Phone

Model Number

DP-234Q
Camera and monitor set

Features

- Simple 2-wire connection
- Camera unit has built-in microphone and speaker for hands-free two-way communication
- Unlock doors with a single button press from the main monitor or secondary monitor (not included)
- Adjustable color tone, brightness, and contrast
- Adjustable speaker and ringer volume
- Camera has four LEDs for nighttime operation
- ¼" CMOS Sensor
- 700 TV Line resolution
- Large 7" screen
- Connect an additional monitor for up to two monitor stations
- (DP-234-MQ or DP-222-MQ – sold separately)

Specifications

Camera	
CMOS	¼" CMOS sensor
Resolution	700 TV lines
Lens	3.6mm
Relay output	1A@12VDC Max. dry contact
Current draw	180mA
Dimensions	2³⁄₁₆"x5⁵⁄₁₆"x1⁹⁄₁₆" (55x135x39 mm)
Monitor	
Display	7" Color TFT
Operating voltage	17VDC
Relock delay	3 seconds
Current draw	Active: 225mA Standby: 40mA
Dimensions	9⅝"x6⁵⁄₁₆"x¹¹⁄₁₆" (245x160x18 mm)

Accessories

DP-234-MQ
Optional secondary hands-free monitor

DP-234-CQ
Camera

Color Video Door Phone

Model Number

DP-222Q
Camera and monitor set

Features

- Simple 2-wire connection
- Camera unit has built-in microphone and speaker for two-way communication
- Unlock doors with a single button press
- Adjustable color tone, brightness, and contrast
- Adjustable speaker and ringer volume
- Camera has six LEDs for nighttime operation
- ¼" CMOS Sensor
- 700 TV Line resolution
- Connect an additional monitor for up to two monitor stations (DP-234-MQ or DP-222-MQ – sold separately)

Specifications

Camera	
CMOS	¼" CMOS sensor
Resolution	700 TV lines
Lens	3.6mm
Relay output	1A@12VDC Max. dry contact
Current draw	150mA
Dimensions	5¼"x3⁹⁄₁₆"x1⅜" (130x90x33 mm)
Monitor	
Display	4" Color TFT
Operating voltage	17VDC
Current draw	Active 700mA, Standby 50mA
Dimensions	7⅝"x8½"x1¹³⁄₁₆" (194x216x46 mm)

Accessories

DP-222-MQ
Optional secondary handset monitor

DP-222-CQ
Camera

Alarm Pager System

Features

- Monitors up to three zones per premises or vehicle, plus manual paging
- Connect to nearly any type of burglar alarm control panel, vehicle alarm, communications panel, etc.
- One positive and two negative instant trigger inputs
- Range: Up to one half mile (4W output)
- Over two million possible coding combinations
- Code-learning receiver learns up to three transmitters
- Color LEDs (Green, Orange, or Red) on the receiver indicate which zone of the premises or vehicle was triggered
- EEPROM memory stores codes for up to one year without power
- Audible or vibrating page indicator
- Belt-clip receiver included
- Stores the last six pages for easy recall
- Unattended page indicator
- Low battery indicator
- Receiver uses two AAA batteries (not included)
- Extra vibrating receiver available (E-37RV)
- Connect to a CB antenna, car AM radio antenna (adapter cable included), or external antenna (E-37ANT)

Model Number

E-37EV
Range: $^{1}/_{2}$ mile (800m)

Accessories

E-37RV
Additional vibrating receiver

E-37ANT
Optional external antenna

Specifications

Model	E-37EV	
	Transmitter	Receiver
Range	Up to $^{1}/_{2}$ mile (800m)*	
Operating frequency	27MHz	N/A
Memory capacity	Over 2 million codes	Up to 3 transmitter codes
Operating voltage	12VDC	3VDC (2x AAA batteries)
Current draw	1A (active)	50mA
RF output power	4W max.	N/A
Weight	5.1-oz (145g)	1.6-oz (45g) (without battery)
Dimensions	$4^{1}/_{8}$"x$3^{1}/_{8}$"x$1^{5}/_{16}$" (105x79x33 mm)	3"x$2^{1}/_{8}$"x$^{5}/_{8}$" (75x54x16 mm)

* Range may vary greatly depending on installation and operating environment.

Wireless Intercom

Features

- Simple and easy setup
- Encrypted transmission offers security and protection
- Range up to 1,000ft (300m)*
- 4 Selectable channels
- Connect up to 16 wireless intercoms
- Each intercom has adjustable volume
- Indicator LEDs show mode and status
- Powered by batteries (alkaline or rechargeable) or power adapter (both not included)
- 4 Communication modes: full broadcast to all stations, talk on a single channel, private talk, and hands free
- Fail-safe design: if an intercom loses connection it automatically reconnects to other intercoms

Model Number

DP-T100-2Q
Wireless Intercom Starter Kit – 2 Intercoms

DP-T100-1Q
Wireless Intercom – Additional

Specifications

Power	12VDC/500mA adapter (2.1mm) or 1.5V AA alkaline/ rechargeable batteries x 4
Frequency	902~928 MHz (frequency hopping)
Channels	4
Max. RF Power	57.2mW
Range	1,000' (300m)*
Dimensions	$7^{1}/_{2}$"x$3^{1}/_{2}$"x$1^{1}/_{4}$" (190x89x32 mm)
Weight	5.3-oz (150g)

* Range may vary greatly depending on installation and operating environment.

Programmable Timers

Features

SA-025Q

- Can be triggered via N.O. positive (+) trigger, N.C. negative (-) trigger, or by powering up the unit
- Relay can be programmed to activate at the start or at the end of the timing cycle
- Built-in reset function
- Timer can be set from 1s to 60min
- Programmable for pulse (flash) activation
- LED indicates relay is energized
- Functions programmed via DIP switches – no jumpers to cut
- For more information see page 107

SA-025Q

SA-025MQ

SA-025MQ

- 12~24 VDC (auto-sensing) operation
- Low current draw
- Form C relay output (10A@24VDC)
- 7 modes easily programmable with pushbuttons and LED display (auto door closure, guard timer, pulse extender / false trigger avoidance, timed relay output, timed pulse relay output, input counter, input timer)
- Mode and last programmed settings remain after power loss
- Timer can be set from 1s~11h 59min
- Can be set to trigger notification (red LED and/or buzzer) and/or relay output
- Can be triggered by N.O.+ or N.C.– input
- Relay can be programmed to trigger at the start or end of the timing cycle, or to toggle
- Relay can be programmed to pulse (0.5s on / 0.5s off) or steady on
- Includes reset input (N.O.–) to manually reset cycle

SA-026Q

SA-026Q

- Adjustable timer from 1~180 seconds via an onboard potentiometer
- NO/NC Switch trigger
- Relay output: Form C (SPDT) via terminal blocks
- Includes double-sided foam tape
- For more information see page 107

Model Number

SA-025Q
Multipurpose timer with case

SA-025MQ
Multi-Function Timer/Counter

NEW

SA-026Q
Mini programmable timer

Specifications

Model		SA-025Q	SA-026Q
Operating voltage		12~24 VDC	12~24 VAC/ VDC
Current	Standby	1mA	2mA
	Active	50mA	75mA
Form C relay		8A@24VDC	3A@24VDC

Specifications (SA-025MQ only)

Operating voltage		12~24 VDC
Current draw	Standby	20~40mA@12/24 VDC
	Active	65~100mA@12/24 VDC (relay and buzzer activated)
Inputs	Trigger	N.O.+ or N.C.–
	Reset	N.O.–
Output		10@24VDC NO/NC/COM Dry Form C relay
Audio and visual Indicators	Display	For programming and status
	Red LED	Relay output indicator
	Buzzer	For programming and warning
Operating temperature		– 40°~158° F (– 40°~70° C)
Dimensions		2¹¹⁄₁₆"x1⅛"x3¼" (68x28x83 mm)
Weight		2.8-oz (79.2g)

Delayed Egress Timer

Features

- 3 Relock modes to meet different installation requirements
  - Standard manual relocking
  - BOCA (Building Officials Code Administrators) relocking
  - Timed relocking (1~60 s)
- Door status input rogrammable nuisance delay timer (0~3 s)
- Adjustable pre-delay timer (1~30 s)
- Adjustable post-delay timer (1~60 s)
- Selectable manual or automatic relocking after power loss
- Status LEDs show relay status
- Bypass input immediately releases locks

- Free egress input allows easy egress during the delay
- Works with SD-961A-36 and other electrical push-to-exit bars

Model Number

SA-025EQ
Delayed egress timer

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	120mA@12VDC
	Pre-delay	90mA@12VDC
	Local alarm	35mA@12VDC
	Timer module only	15mA@12VDC
Lock control output		10A@24VDC, Form C, NO/NC/COM
Remote alarm output		10A@24VDC, Form C, NO/NC/COM
Local alarm output		Transistor ground, 500mA@12VDC

7-Day Timer

POWER
RELAY
SECO-LARM
18:00
MODE
SET
ENTER
UP
RESET
DOWN
ENFORCER®
SA-027WQ
7-Day Timer

Model Number

SA-027WQ

Specifications

Operating voltage	12~24 VAC/VDC
Current draw	Standby: 15mA@12VDC Active: 70mA@12VDC
Relay rating	10@14VDC
Weight	4.6-oz (130g)
Dimensions	4³⁄₁₆"x3¹⁄₁₆"x1¼" (107x78x31 mm)

Features

- Enclosed terminals for a safer installation
- 12~24 VAC/VDC Operation
- Backup battery: 1x CR-2016 (included)
- Holiday function (up to 99 days)
- Easy-to-read backlit LCD
- Adjustable output time
- Programmable security code
- 12 or 24-Hour clock format
- 16 Schedules including daily, weekly, weekends, etc
- Memory saved if power fails
- Egress input terminal
- Form C relay output (10A@14VDC)
- Mode selection button for manual relay operation

365-Day Annual Timer

POWER
01/01/20
WE 00 00
SET
UP
ENTER
DOWN
ENFORCER®
SA-027HQ
Annual Timer

Model Number

SA-027HQ

Specifications

Operating voltage		12~24 VAC/VDC
# Of Relays		2
Relay rating		10A@14VDC
Current draw		100mA
# Of Events		50 for each relay, 100 total
Blue LED	ON	Power is ON
	OFF	Power is OFF
# Of Holidays		10
Battery charging current		90mA
Security code		4-digits, numeric, ON/OFF
Weight		5.8-oz (164g)
Dimensions		4³⁄₁₆"x3⅙"x1¼" (107x78x31 mm)

Features

- Enclosed terminals for safer installation
- 2 N.O. Or N.C. Form C relays
- Each relay can be programmed for 50 events, total of 100 individual programmable events
- 100 Programmable events can be set weekly, daily, or hourly 365 days a year
- Password protection can be turned ON/OFF
- One egress input per relay (2 total)
- Block programming allows events to be repeated on consecutive days
- Event output can be shunt or momentary; momentary programmable for 1~99 sec
- 10 Programmable holidays
- Tandem mode allows both relays to operate simultaneously
- Built-in back-up battery charger for external back-up battery use
- Memory saved if power fails
- Compensates for leap years
- Set for standard or Daylight Savings Time
- Alpha-numeric, back-lit LCD display, and simple button layout for easy programming

4-in-1 HD Fixed Rollerball Cameras

ENFORCER®
ENFORCER®

HD
DNR
1080p Resolution

Model Number

EV-Y2201-A2WQ
2.8mm lens, 1080p, white

EV-Y2201-A2GQ
2.8mm lens, 1080p, gray

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8mm ICR
Viewing angle	90°
CMOS	$^1/_{2.9}$" 2MP Sony CMOS
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of SMT LEDs	12
SMT LED range	Up to 50ft (15m)
Gamma correction	0-1
Gain control	Yes
Dimensions	$3^{11}/_{16}$"x$2^{15}/_{16}$" (93x75 mm)
Weight	13.1-oz (370g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC Operation
- $^1/_{2.9}$" 2MP Sony CMOS
- 2.8mm ICR lens
- 12 IR SMT LEDs, up to 50ft IR range
- Split-glass design to eliminate IR reflection
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Mounting brackets available (see page 60)

4-in-1 HD Varifocal Rollerball Cameras

ENFORCER®
ENFORCER®

HD
DNR
1080p Resolution

Model Number

EV-Y2201-AMWQ
2.8~12mm lens, 1080p, white

EV-Y2201-AMGQ
2.8~12mm lens, 1080p, gray

Specifications

Format	TVI / CVI / AHD / Analog
Lens	2.8~12mm ICR
Viewing angle	30°~90°
CMOS	$^1/_{2.9}$" 2MP Sony CMOS
Voltage	12VDC
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of SMT LEDs	16
SMT LED range	Up to 100ft (30m)
Gamma correction	0-1
Gain control	Yes
Dimensions	$4^3/_4$"x$3^3/_4$" (120x95 mm)
Weight	1-lb 10.1-oz (740g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p Resolution
- 12VDC/24VAC Operation
- $^1/_{2.9}$" 2MP Sony CMOS
- 2.8~12mm Varifocal ICR lens
- 16 SMT LEDs, up to 100ft IR range
- Split-glass design to eliminate IR reflection
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Mounting brackets available (see page 60)

4-in-1 HD Fixed Turret Cameras

Features

- ICR Module
- D-WDR (Digital Wide Dynamic Range)
- Joystick OSD control
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP66) construction
- Split-glass design eliminates IR reflection
- Cables concealed in bracket to prevent tampering
- Mounting brackets available (see page 60)

HD

DNR

1080p Resolution

1440p Resolution*

Model Number

EV-Y2251-A2WQ
2.8mm, 1080p, 2MP, 12VDC, Turret, white

EV-Y2501-A2WQ*
2.8mm, 1440p, 5MP, 12VDC, Turret, white

EV-Y2501-A2GQ*
2.8mm, 1440p, 5MP, 12VDC, Turret, gray

Specifications

Model	EV-Y2251-A2WQ	EV-Y2501-A2WQ	EV-Y2501-A2GQ
Formats	TVI (Default) / CVI / AHD / Analog (CVBS)		
CMOS	$^{1}/_{2.7}$" 2MP CMOS	$^{1}/_{2.7}$" 5MP CMOS	
3DNR / DWDR	3DNR	DWDR	
Lens	2.8mm ICR		
Viewing Angle	121°		
# of SMT LEDs	18		
IR Range	Up to 65ft (20m)		
Gain control	Auto		
Dimensions	ø3$^{15}/_{16}$"x3$^{9}/_{16}$" (ø100x90 mm)		
Weight	16.72-oz (474g)		

EV-Y2251-A2WQ

4-in-1 HD Varifocal Turret Cameras

Features

- ICR Module
- D-WDR (Digital Wide Dynamic Range)
- Joystick OSD control
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP66) construction
- Split-glass design eliminates IR reflection
- Cables concealed in bracket to prevent tampering
- Mounting brackets available (see page 60)

HD

DNR

1080p Resolution

1440p Resolution*

Model Number

EV-Y2251-AMWQ
2.8~12mm, 1080p, 2MP , 12VDC, Turret, white

EV-Y2501-AMWQ*
2.8~12mm, 1440p, 5MP, 12VDC Turret, white

EV-Y2501-AMGQ*
2.8~12mm, 1440p, 5MP, 12VDC Turret, gray

Specifications

Model	EV-Y2251-AMWQ	EV-Y2501-AMWQ	EV-Y2501-AMGQ
Formats	TVI (Default) / CVI / AHD / Analog (CVBS)		
CMOS	$^{1}/_{2.7}$" 2MP CMOS	$^{1}/_{2.7}$" 5MP CMOS	
3DNF / DWDR	3DNR	DWDR	
Lens	2.8~12mm ICR		
Viewing Angle	38°~138°		
# of IR LEDs	40 (SMT)		
IR Range	Up to 148ft (45m)		
Gain control	Auto		
IP Rating	IP66		
Dimensions	ø5$^{5}/_{16}$"x5" (ø135x127 mm)		
Weight	1-lb, 9.3-oz (720g)		

EV-Y2251-AMWQ

4-in-1 HD Varifocal Dome Cameras

Model Number

EV-Y2201-AMWAQ
2.8~12mm lens, 1080p, 2MP

EV-Y2501-AMWAQ* NEW
2.8~12mm lens, 1440p, 5MP

Features

- ICR Module
- D-WDR (Digital Wide Dynamic Range)
- Joystick OSD control
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP66) construction
- Split-glass design eliminates IR reflection
- Cables concealed in bracket to prevent tampering
- Mounting brackets available (see page 60)

HD
DNR
1080p Resolution
1440p Resolution*

Specifications

Model	EV-Y2201-AMWAQ	EV-Y2501-AMWAQ
Formats	TVI (Default) / CVI / AHD / Analog	
CMOS	$^{1}/_{2.8}$" 2MP CMOS	$^{1}/_{2.7}$" 5MP CMOS
DNR	3DNR	2DNR
D-WDR	Yes	
Lens	2.8~12 mm	
Viewing angle	30°~90°	38°~138°
# of IR LEDs	12 (850nm SMT)	24 (SMT)
IR Range	Up to 100ft (30m)	Up to 98ft (30m)
Operating voltage	12VDC	
IP rating	IP65	IP66
Dimensions	ø$5^{3}/_{16}$"x$4^{1}/_{2}$" (ø132x114 mm)	ø$5^{13}/_{16}$"x$4^{5}/_{8}$" (ø147x117 mm)
Weight	1-lb 9.3-oz (717g)	2-lb 35-oz (1067g)

EV-Y2201-AMWAQ

4-in-1 HD Varifocal Dome Camera with Motorized Lens

Model Number

EV-Y2501-ANWQ NEW
2.8~12mm Motorized lens, 1440p

Features

- ICR Module
- D-WDR (Digital Wide Dynamic Range)
- Joystick OSD control
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP66) construction
- Split-glass design eliminates IR reflection
- Cables concealed in bracket to prevent tampering
- Mounting brackets available (see page 60)

HD
DNR
1440p Resolution

Specifications

Format	TVI (Default) / CVI / AHD / Analog
Viewing angle	30°~90°
Megapixels	5MP
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of IR SMT LEDs	12
IR SMT LED range	Up to 100ft (30m)
Dimensions	ø$5^{3}/_{16}$"x$4^{1}/_{2}$" (ø132x114 mm)
Weight	1-lb 9.3-oz (717g)

4-in-1 HD Fixed Bullet Cameras

Features

- Select between multiple formats: TVI, CVI, AHD, and Analog
- ICR Module
- Joystick OSD Control
- DNR (Digital Noise Reduction)
- D-WDR (Digital Wide Dynamic Range)
- Rugged, weatherproof (IP66) construction
- Cables concealed in bracket to prevent tampering
- See page 60 for mounting brackets

HD

DNR

1080p Resolution

1440p Resolution*

Model Number

EV-Y1201-A2WQ
2.8mm lens, 1080p, 2MP

EV-Y1501-A2WQ* NEW
2.8mm lens, 1440p, 5MP

Specifications

Model	EV-Y1201-A2WQ	EV-Y1501-A2WQ
Formats	TVI (Default) / CVI / AHD / Analog (CVBS)	
Lens	1/2.9" 2MP CMOS	1/2.7" 5MP CMOS
DNR	3DNR	2DNR
D-WDR	Yes	
Lens	2.8mm ICR	
# of IR LEDs	12 (SMT)	18 (SMT)
IR Range	Up to 50ft (20m)	Up to 50ft (20m)
Gain control	Yes	Auto
Operating voltage	12VDC	
IP Rating	IP66	
Dimensions	6 9/16" x 2 9/16" x 2 13/16" (166x65 mm)	5 1/2" x 2 3/4" x 2 13/16" (140x69x71 mm)
Weight	14.1-oz (400g)	12.3-oz (349g)

EV-Y1201-A2WQ

4-in-1 HD Varifocal Bullet Cameras

- Select between multiple formats: TVI, CVI, AHD, and Analog
- ICR Module
- Joystick OSD Control
- DNR (Digital Noise Reduction)
- D-WDR (Digital Wide Dynamic Range)
- Rugged, weatherproof (IP66) construction
- Cables concealed in bracket to prevent tampering
- See page 60 for mounting brackets

HD

DNR

1080p Resolution

1440p Resolution*

Model Number

EV-Y1201-AMWQ
2.8~12mm Varifocal lens, 1080p, 2MP

EV-Y1501-AMWQ* NEW
2.8~12mm Varifocal lens, 1440p, 5MP

Specifications

Model	EV-Y1201-AMWQ	EV-Y1501-AMWQ
Formats	TVI (Default) / CVI / AHD / Analog (CVBS)	
Lens	1/2.9" 2MP CMOS	1/2.7" 5MP CMOS
DNR	3DNR	2DNR
D-WDR	Yes	
Lens	2.8~12mm ICR	
# of IR LEDs	3X IR III	30 (SMT)
IR Range	Up to 160ft (50m)	Up to 115ft (35m)
Gain control	Yes	Auto
Operating voltage	12VDC	
IP Rating	IP66	
Dimensions	10 7/16"x3 1/4"x2 13/16" (265x83 mm)	9 7/16"x 3"x 3 5/16" (240x77x84 mm)
Weight	1-lb 10.8-oz (760g)	1-lb 12.4-oz (805g)

EV-Y1201-AMWQ

4-in-1 HD Wall-Plate Camera

HD

STARVIS CMOS

1080p Resolution

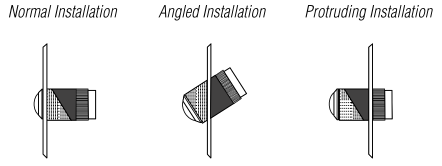
Model Number

EV-Y5105-N2SQ
2.9mm Lens

Specifications

Video output format		TVI / CVI / AHD / Analog
Image sensor		$^{1}/_{2.8}$ " 2MP Sony STARVIS CMOS
Resolution		1080p
Video output		1.0Vp-p Complex video, 75Ω
Lens		2.9mm
Viewing angle		155°
S/N Ratio		50dB
Operating voltage		12VDC
Current draw		130mA
IP Rating		IP67
Operating temperature		14°~122° F (-10°~50° C)
Dimensions	Camera	$1^{2}/_{16}$"xø$1^{1}/_{8}$ "(36xø28 mm)
	Single-gang plate	$2^{3}/_{4}$"x$4^{1}/_{2}$" (70x114 mm)
	Slimline plate	$1^{1}/_{2}$"x$4^{1}/_{2}$" (38x114 mm)
Camera body weight		2.8-oz (80g)

Installation Options:



Features

- 2.9mm Lens (155° viewing angle)
- $^{1}/_{2.8}$" 2MP Sony STARVIS™ CMOS
- D-WDR (Digital Wide Dynamic Range)
- 2DNR (2D Digital Noise Reduction)
- Vandal-resistant
- Fits in a standard single-gang back box (not included)
- Adjustable mounting angle
- Each kit includes:
  - Camera
  - Single-gang plate
  - Slimline plate
  - Angled mounting rings

4-in-1 HD Corner-Mount Camera

HD

STARVIS CMOS

DNR

1080p Resolution

Model Number

EV-Y4201-A2SQ
2.9mm lens, 1080p

Specifications

Format	TVI / CVI / AHD / Analog
Viewing angle	130°
CMOS	$^{1}/_{2.9}$" 2MP Sony STARVIS CMOS
3DNR	Yes
DWDR	Yes
# of IR SMT LEDs	30 (940nm)
IR SMT LED range	Up to 82ft (25m)
Dimensions	$7^{1}/_{2}$"x$5^{1}/_{2}$"x$1^{11}/_{16}$" (190x140x43 mm)
Weight	13.75-oz (390g)

Features

- Supports HD TVI, CVI, AHD, and Analog formats
- 1200 TV Lines, 1080p resolution
- $^{1}/_{2.9}$" 2MP Sony STARVIS™ CMOS, 2.9mm ICR Lens
- 12VDC
- True Day & Night function with ICR mechanism
- 30 Covert IR SMT LEDs for discreet monitoring
- Built-in joystick OSD control
- Vandal-resistant metal front panel
- Designed to easily fit corners in office buildings, elevators, and more
- Rugged, weatherproof (IP65) design

HIDDEN IN PLAIN SIGHT

Discreet Indoor/Outdoor HD Wall-Plate Camera

EV-Y5105-N2SQ

Outstanding Features

- 4-in-1 HD Wall-Plate Camera: TVI, CVI, AHD, and Analog
- $^{1}/_{2.8}$" 2MP Sony STARVIS™ CMOS
- 2.9mm Wide angle lens
- Weatherproof IP67 Construction
- Adjustable mounting angle
- Stainless-steel plate and screws
- Reversible image

(European plate version available)

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Tel: (800) 662-0800 **Email:** sales@seco-larm.com
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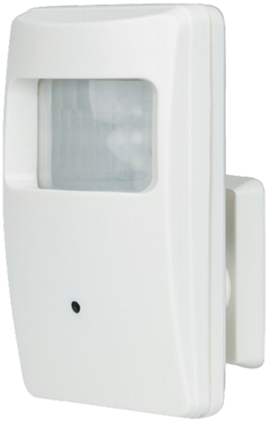
Manufacturer of ENFORCER®

4-in-1 HD Covert PIR Camera



HD

DNR

1080p Resolution

Model Number

EV-Y6221-A3WQ
3.7mm Pinhole lens, 1080p

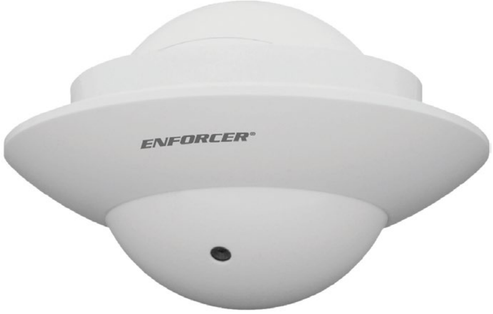
Specifications

Viewing angle	85°
CMOS	$^{1}/_{2.9}$" 2MP Sony CMOS
2DNR	Yes
DWDR	Yes
Onboard OSD	Yes
Dimensions	$4^{1}/_{16}$"x$2^{3}/_{8}$"x$1^{5}/_{16}$" (104x60x34 mm)

Features

- Supports HD TVI, CVI, AHD, and analog formats
- $^{1}/_{2.9}$" 2MP Sony CMOS
- Joystick OSD control
- 3.7mm Covert pinhole lens
- Camera is hidden in a non-functioning PIR sensor housing
- 18 Covert IR SMT LEDs (940 nm) for discreet monitoring

4-in-1 HD UFO Camera



HD

DNR

1080p Resolution

Model Number

EV-Y6201-A3WQ
3.7mm Pinhole lens, 1080p

Specifications

Viewing angle	90°
CMOS	$^{1}/_{2.9}$" 2MP Sony CMOS
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
Dimensions	3"x$1^{15}/_{16}$" (77x49 mm)

Accessory

EV-6640SWQ
Optional surface-mount bracket

Features

- Supports HD TVI, CVI, AHD, and analog formats
- 1200 TV Lines, 1080p resolution
- $^{1}/_{2.9}$" 2MP Sony CMOS
- 12VDC Operation
- Low-profile design, extends outward only one inch
- Day/Night operation captures images even in low light
- 3.7mm Pinhole lens
- Heavy-duty, vandal-resistant design
- Lens rotates to nearly any angle for flexible installation
- Rugged, weatherproof (IP66) design

IP Motorized Turret Camera

IP

PoE

ONVIF

1440p Resolution

Model Number

NEW

EV-N2506-NW4Q

2.8~12mm Lens, 1440p,

$^{1}/_{2.8}$" 5MP Sony IMX335 CMOS

Specifications

Format	IP
Lens	2.8~12mm (motorized)
Viewing angle	90°
Megapixels	5MP
Power	12VDC/PoE 802.3af
CMOS size	$^{1}/_{2.8}$"
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of IR SMT LEDs	40
IR SMT LED range	Up to 115ft (35m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$2^{15}/_{16}$"x$3^{11}/_{16}$" (75x93 mm)
Weight	0.8-lb

Features

- 5MP Sony IMX335 CMOS
- 2.8~12mm (motorized)
- H.265 Support, dual streams
- Weatherproof for indoor and outdoor use (IP66)
- ICR Module
- ONVIF Profile S
- 12 IR SMT LEDs
- 12VDC and PoE 802.3af Operation
- Mounting brackets available (see page 60)

IP Fixed Turret Camera

IP

PoE

ONVIF

1440p Resolution

Model Number

NEW

EV-N2506-2W4Q

2.8mm Lens, 1440p,

5MP Sony IMX335 CMOS

Specifications

Format	IP
Lens	2.8mm ICR
Viewing angle	90°
Megapixels	5MP
Power	12VDC/PoE 802.3af
CMOS size	$^{1}/_{2.8}$"
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of IR SMT LEDs	12
IR SMT LED range	Up to 100ft (30m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$2^{15}/_{16}$"x$3^{11}/_{16}$" (75x93 mm)
Weight	0.8-lb

Features

- 5MP Sony IMX335 CMOS
- 2.8mm Lens
- H.265 Support, dual streams
- Weatherproof for indoor and outdoor use (IP65)
- ICR Module
- ONVIF Profile S
- 12 IR SMT LEDs
- 12VDC and PoE 802.3af Operation
- Mounting brackets available (see page 60)

IP Motorized Vandal Dome Camera

IP
PoE
ONVIF
1440p Resolution

Model Number

NEW

EV-N2536-MW4Q
2.8~12mm Lens, 1440p,
5MP Sony IMX335 CMOS

Specifications

Format	IP
Lens	2.8~12mm
Viewing angle	30°~90°
Megapixels	5MP
Power	12VDC/PoE 802.3af
CMOS Size	$^1/_{2.8}$"
3DNR	Yes
DWDR	Yes
Onboard OSD	Yes
# of IR LEDs	16
IR LED range	Up to 100ft (30m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$4^3/_4$"x$3^3/_8$" (120x85.28 mm)
Weight	1.5-lb

Features

- 5MP Sony IMX335 CMOS
- 2.8~12mm Varifocal ICR lens
- 16 IR LEDs, up to 100ft IR range
- H.265 Support, dual streams
- Cables concealed in bracket to prevent tampering
- Heavy-duty vandal-resistant design
- Rugged, weatherproof (IP65) construction
- Split-glass design to eliminate IR reflection
- 12VDC and PoE 802.3af Operation
- ONVIF Profile S
- Mounting brackets available (see below)

Camera Mounting Brackets

Conduit Box Brackets

Model Numbers:	**Compatible with:**	**Model Numbers:**	**Compatible with:**	
EV-DSSGQ *Small, gray*	EV-Y2201-A2GQ	**EV-DSSWQ** *Small, white*	EV-Y2201-A2WQ	 EV-DSSGQ / EV-DSLGQ EV-DSSWQ / EV-DSLWQ
EV-DSLGQ *Large, gray*	EV-Y2201-AMGQ	**EV-DSLWQ** *Large, white*	EV-Y2201-AMWQ	
EV-SBWQ *Bullet*	EV-Y1501-A2WQ EV-Y1501-AMWQ EV-N1506-2W4Q EV-N1506-NW4Q	**EV-SVWQ** *Vandal dome*	EV-Y2501-AMWAQ EV-N2536-NW4Q	
EV-SLWQ *Large turret*	EV-Y2251-AMWQ EV-Y2501-AMWQ EV-N2506-NW4Q	**EV-SSWQ** *Small turret*	EV-Y2251-A2WQ EV-Y2501-A2WQ EV-N2506-2W4Q	

IP Fixed Bullet Camera

IP

PoE

ONVIF

1440p Resolution

Model Number

NEW

EV-N1506-2W4Q

2.8mm Lens, 1440p,

$^{1}/_{2.8}$" 5MP Sony IMX335 CMOS

Specifications

Format	IP
Lens	2.8mm ICR
Viewing Angle	90°
Megapixels	5MP
Power	12VDC/PoE 802.3af
CMOS size	$^{1}/_{2.8}$"
3DNR	Yes
DWDR	Yes
# of IR LEDs	16
IR LED Range	Up to 50ft (15m)
Gamma Correction	1.6-2.2
Gain Control	Yes
Dimensions	$2^{5}/_{8}$"x$2^{5}/_{8}$"x$6^{9}/_{16}$" (66x66x166 mm)
Weight	0.8-lb

Features

- 1440p Resolution
- $^{1}/_{2.8}$" 5MP Sony IMX335 CMOS
- 2.8mm Lens
- H.265 Support
- Rugged, weatherproof (IP65) construction
- ONVIF Profile S
- 12VDC and PoE 802.3af Operation
- Cables concealed in bracket to prevent tampering
- Mounting brackets available (see page 60)

IP Motorized Bullet Camera

IP

PoE

ONVIF

1440p Resolution

Model Number

NEW

EV-N1506-NW4Q

2.8~12mm Lens, 1440p,

$^{1}/_{2.8}$" 5MP Sony IMX335 CMOS

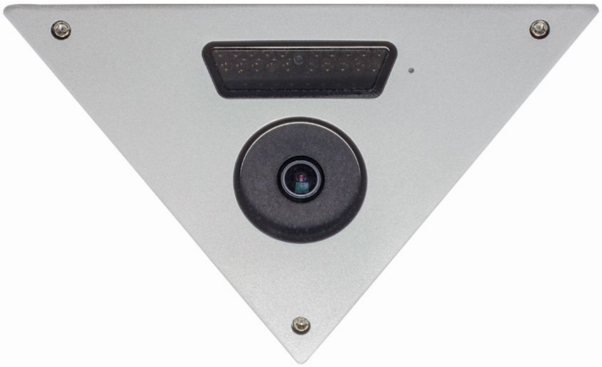
Specifications

Format	IP
Lens	2.8~12mm ICR
Viewing angle	30°~90°
Megapixel	5MP
Power	12VDC/POE 802.3af
CMOS size	$^{1}/_{2.8}$"
3DNR	Yes
DWDR	Yes
# of IR LEDs	3 X IR III
IR LED range	Up to 160ft (50m)
Gamma correction	1.6-2.2
Gain control	Yes
Dimensions	$3^{11}/_{16}$"x$3^{3}/_{4}$"x$10^{3}/_{8}$" (93x96x263 mm)
Weight	2-lb

Features

- 1440p Resolution
- $^{1}/_{2.8}$" 5MP Sony IMX335 CMOS
- 2.8~12mm Varifocal lens
- H.265 Support
- Rugged, weatherproof (IP65) construction
- ONVIF Profile S
- 12VDC and PoE 802.3af Operation
- Cables concealed in bracket to prevent tampering
- 3 (IR III) SMT LEDs for low-light situations (equivalent to 36 SMT LEDs), up to 160ft IR range
- Mounting brackets available (see page 60)

IP Corner-Mount Camera



IP
PoE
ONVIF
1440p Resolution

Model Number

NEW

EV-N4506-2S4Q
2.9mm Lens, 1440p,
$^1/_{2.8}$" 5MP Sony IMX335 CMOS

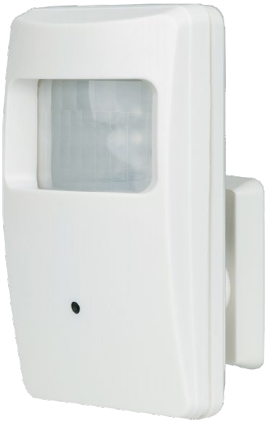
Specifications

CMOS	$^1/_{2.8}$" 5MP Sony IMX335
Max Streaming	1440p @30fps
Video Output Format	H.265/MJPEG, Dual Stream
Viewing Angle	135°
# of IR LEDs	30 (940nm)
Dimensions	$7^1/_2$"x$5^1/_2$"x$1^{11}/_{16}$" (190x140x43 mm)

Features

- 1440p resolution
- $^1/_{2.8}$" 5MP Sony IMX335 CMOS
- Designed to easily fit corners in office buildings, elevators, jail cells, and more
- 2.9mm Lens
- 12VDC and PoE 802.3af Operation
- Rugged, weatherproof (IP66) design
- 10/100Mbps Ethernet interface (x24)
- ONVIF Support
- IP Rating: IP65

IP PIR Camera



IP
PoE
ONVIF
1440p Resolution

Model Number

NEW

EV-N6506-3W4Q
2.9mm Lens, 1440p,
$^1/_{2.8}$" 5MP Sony IMX335 CMOS

Specifications

CMOS	$^1/_{2.8}$" 5MP Sony IMX335
Max Streaming	1440p @30fps
Video Output Format	H.265/MJPEG, Dual Stream
Viewing Angle	120°
# of IR LEDs	18 (940nm)
Dimensions	$4^1/_{16}$"x$2^3/_8$"x$1^5/_{16}$" (104x60x34 mm)

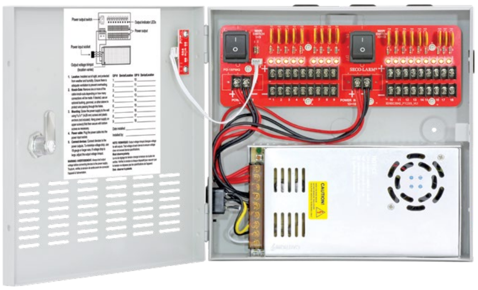
Features

- 1440p resolution
- $^1/_{2.8}$" 5MP Sony IMX335 CMOS
- Designed to easily fit corners in office buildings, elevators, jail cells, and more
- 2.9mm Lens
- 12VDC and PoE 802.3af Operation
- 10/100Mbps Ethernet interface (x24)
- ONVIF Support
- IP Rating: IP65

12VDC Switching CCTV Power Supplies

Features

- 100~220 VAC Input*
- New lightweight, cost-effective design
- Improved efficiency
- Adjustable output to reduce voltage drop
- Outputs protected with PTC fuses
- Individual output status LEDs
- Heavy-duty steel case with cover
- Built-in short circuit and overheat protection



PC-U1820-PULQ shown

Model Numbers

PC-U0405-PULQ NEW
4 Outputs, 5A cont., PTC fuses

PC-U0910-PULQ NEW
9 Outputs, 10A cont., PTC fuses

PC-U1810-PULQ NEW
18 Outputs, 10A cont., PTC fuses

PC-U1820-PULQ NEW
18 Outputs, 20A cont., PTC fuses

PC-U1830-PULQ NEW
18 Outputs, 30A cont., PTC fuses

Specifications

Model		PC-U0405-PULQ	PC-U0910-PULQ	PC-U1810-PULQ	PC-U1820-PULQ	PC-U1830-PULQ
Outputs		4	9	18	18	18
Total supply current		5A	10A	10A	20A	30A
Max. current per output		1.6A		1.1A	1.6A	1.85A
Output fuse		PTC				
Output voltage		11.0~13.8 VDC (adjustable by trimpot, ±10%)				
Input voltage*		100~220 VAC ±10% (47~63 Hz)			110/220 VAC (50/60 Hz)	
LED Indicators	Cover	Green: AC Input, Red: DC Output				
	PDM**	Red: DC Output				
Operating humidity		90% (non-condensing)				
Operating temperature		32°~104° F (0°~40° C)				
Dimensions		$9\,^{7}/_{16}$"x$10\,^{1}/_{4}$"x$2\,^{3}/_{8}$" (240x260x60 mm)		10"x$10\,^{5}/_{16}$"x$3\,^{1}/_{8}$" (254x262x79 mm)		
Weight		4-lb 3-oz (1.89kg)	4-lb 7-oz (2.01kg)	5-lb 2-oz (2.31kg)	6-lb 1-oz (2.76kg)	6-lb 4-oz (2.84kg)

* UL listed for 90~120 VAC ** Power distribution module

Rack-Mount Power Supply

ENFORCER
Power Supply
PH-U1820-PULQ
12.6
Output Voltage
00.7
Output Current

Model Number

PH-U1820-PULQ NEW
18 Outputs, 20A

Specifications

Input voltage		110/220 VAC (with selection switch)
Input fuse		Glass, 10A
Number of outputs		18
Maximum current per outpu	Ch. 1~2	5A
	Ch. 3~18	1.6A
Output fuse type		PTC
Output voltage		Adjustable, 11.7~13.6 VDC
Rack-mount height		1U
Operating humidity		Up to 90%, non-condensing
Operating temperature		– 14°~86° F (– 26°~30° C)
Dimensions		$1\,^{3}/_{4}$"x$17\,^{1}/_{2}$"x$7\,^{7}/_{8}$" (45x445x200 mm)
Weight		5-lb 7-oz (2.47kg)

Features

- 18 Outputs, 20A total
- PTC fuse protected outputs, 16 outputs at 1.6A and 2 outputs at 5A
- 11.7~13.6 VDC field-adjustable output
- 110/220 VAC Input with selection switch
- LCD Display of output voltage and total output current
- LED Status indicators for each output
- Removable screw terminal blocks for convenient installation and reliable connections
- For rack mounting or stacking on a shelf
- Compact 1U size fits standard racks
- Attractive, high-tech industrial design

Plug-and-Play Backup Power

Features

- Real-time backup power with no break when input power is lost
- DC UPS Auto-start
- LED indicators for power and backup operation

Additional features for SB-L10V1-20Q

- Auto-recognize voltage (5/7.5/9/12VDC) input and set corresponding output
- Additional indicator LEDs for output voltage and an audible / visible (LED) alarm warning of an overload, voltage issue, or low battery.

SB-P1012-26Q

SB-L10V1-20Q

Model Numbers

SB-P1012-26Q
10W, 2600mAh, Plug-in

SB-L10V1-20Q
10W, 2000mAh, In-Line

Power Adapters

Features

ST-UV12-S1.0Q, and ST-UV12-S2.0Q Only:

- Sideways plug for easy use on power strips
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Low current drain

ST-UV12-S2.0Q

ST-UV12-S1.0Q

ST-UV12-S5.0Q Only:

- Convert AC input power to low-voltage DC output power
- LED Power indicator
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Includes AC power cord (IEC320-C13)
- Low current drain

ST-UV12-S5.0Q

Model Numbers

ST-UV12-S1.0Q
1 Amp

ST-UV12-S2.0Q
2 Amps

ST-UV12-S5.0Q
5 Amps

Fits Easily with Power Strip

4-Channel "Brick" Power Supply

Features

- 4-Channel, 5-Amp power distribution
- Can be mounted with the bracket for easy access and reduced power cord clutter
- Universal input voltage: 100~240 VAC
- Adjustable output voltage: 12~13.8 VDC
- Built-in 6.8-Amp overcurrent protection
- High voltage and overcurrent protection
- LED Power indicator

Model Number

PA-U0405-NULQ
4 Outputs, 5A Continous

Power Converters

ST-LA108-TPQ & ST-LA115-TPQ

ST-LA130-TTQ

Model Numbers

ST-LA108-TPQ / ST-LA115-TPQ
0.8A@12VDC / 1.5A@12VDC

ST-LA130-TTQ
3.0A@12/24 VDC

Features

- Three models available, providing varying degrees of low-voltage DC output
- Built-in overload protection
- Regulated and filtered output
- LED indicates power input
- Red and blue LEDs indicate power output (ST-LA130-TTQ only)
- 2.1mm DC Plug with pigtail for simple and quick installations(ST-LA108-TPQ & ST-LA115-TPQ only)

Baluns, Extenders and Converters

Model Number

DE-S101Q
USB 1.1, Passive, 1 input, 1 output

Features

- Extends USB devices over Cat5e/6 cable up to 150ft (46m)
- USB 1.1 Compliant
- Easily control a DVR remotely without accessing a network or the internet
- Passive operation – no power required
- Small size: 2½"x1$^{7}/_{16}$"x$^{7}/_{8}$" (64x37x22 mm) excluding the 9" (230mm) USB pigtail

4-in-1 HD Video Distributors

HD

Model Number

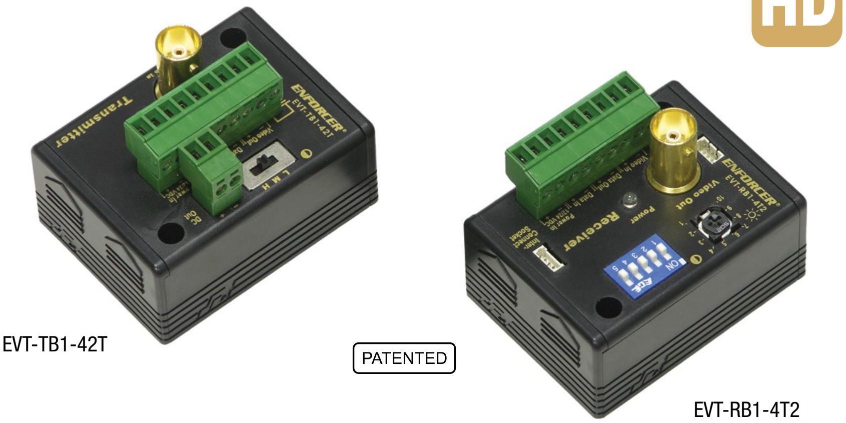
VA-1102B-WYQ
1 Input, 2 outputs

Features

- Compatible with TVI, CVI, AHD, and Analog
- Distributes 1 video input to 2 video outputs
- Connect to a video camera, multiplexer, DVR, etc.
- LED power indicator
- Signals are cleaned and buffered to ensure clear video over the camera's recommended maximum distance

Active Video Baluns

HD



PATENTED

Model Numbers

EVT-AB1
Active video balun set

EVT-TB1-42T
Active video balun transmitter

EVT-RB1-4T2
Active video balun receiver

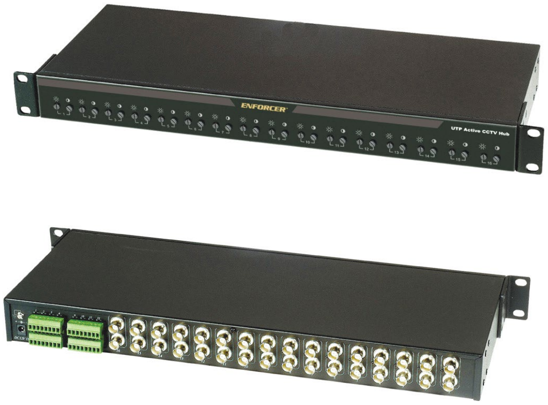
Specifications

Range	Color 5,000' (1,524m) B/W 8,000' (2,438m)
Video input	1Vp-p, 75 ohms, BNC connector
Data/Aux	RS422/RS485, or 12/24 AC/ DC 2
Cable type	Cat 2 or better (best if Cat 5e)
Adjustments	Tx - 3 positions Rx - 5 dip switches
Attenuation	DC - 5MHz, 1.5dB max.
Power consumption	RS170, NTSC, PAL, SECAM, CCIR
Surge protection (video):	1Vp-p, 75 ohms, BNC connector
Weight: (without adaptors)	Tx 3.4 oz. (95g), Rx 3.0 oz. (84g)

Features

- Active operation - The transmitter amplifies the video signal for excellent picture quality at long distances
- Terminal blocks for easy installation - no crimping RJ-45 connectors
- Transmits a B&W video signal up to 1.5 miles (2.4km) or color up to 0.9 miles (1.5km)
- Patented interlocking design for clean, and professional installs

Rack-Mount Active Video Balun Hub



Model Number

EVT-AH16-VT2Q
16-Port active balun hub

Specifications

Video input	Unshielded Twisted Pair (UTP), removable terminal blocks
Video output ports	BNC, each 1.0Vp-p, 75Ω
Active to active range	5,000' (1.5km)
Passive to active range	3,940' (1.2km)
Video format	NTSC, PAL, SECAM
Power	Dual voltage: 12/24 VAC/VDC (1.5A@12VDC adapter included)
Surge protection	Video
Operating temperature	32°~131° F (0°~55° C)
Weight	5-lb (2.2kg)
Material	Steel cabinet, black matte finish

Features

- Rack-mount or stackable
- Transmits up to 3,940ft (1.2km) with passive baluns or 5,000ft (1.5km) with active transmitter
- Compact 1U mounts in a standard 19" rack
- Video in: 16 (terminal blocks)
- Video out: 32 (BNC connections)
- Power input: 12/24 VAC/VDC
- Includes 12VDC 1.5-Amp power adapter
- Current draw: 500mA
- Built-in video and data surge protection

4-in-1 HD Passive Video Baluns

EB-P101-01HQ

EB-P101-20HQ

HD

4K

Model Numbers

EB-P101-01HQ
Standard Balun

EB-P101-20HQ
Balun with 6" pig-tail

Specifications

	Range over 1080p
HD-TVI	Up to 623ft (190m)
HD-CVI	Up to 754ft (230m)
HD-AHD	Up to 820ft (250m)
Analog	Up to 1,312ft (400m)

Features

- 4-in-1 TVI / CVI / AHD / Analog video up to 4K
- PAL / NTSC / SECAM compatible
- Built-in TVS surge protection
- Anti-static and wave filters
- Lightning protection – Grade III
- 60dB Crosstalk and noise immunity
- Real-time transmission over low-cost Cat5e/6 instead of costly coaxial
- Exceptional interference rejection
- Passive operation – No external power required
- Quick-connect terminals for easy installation
- Small size allows mounting of multiple baluns behind a DVR

4-in-1 HD Video Power Balun

Features

Includes all features listed above in addition to:

- Transmits video and power over Cat5e/6
- Pigtails for flexible installation
- Fast and easy to install
- Sold as a set

HD

Model Number

NEW

EB-P101-20PHQ
Power video balun

Specifications

	Range over 1080p
HD-TVI	Up to 623ft (190m)
HD-CVI	Up to 754ft (230m)
HD-AHD	Up to 820ft (250m)
Analog	Up to 1,312ft (400m)

4-in-1 HD Balun with Pass-Through

Features

Includes all features listed above in addition to:

- Patented ergonomic design includes built-in terminals for power or data pass-through
- Terminal blocks - No crimping required

PATENTED

HD

4K

Model Number

EB-P501-02HQ
Balun with pass-through

Specifications

	Range over 1080p
HD-TVI	Up to 623ft (190m)
HD-CVI	Up to 754ft (230m)
HD-AHD	Up to 820ft (250m)
Analog	Up to 1,312ft (400m)

4-in-1 HD Midpoint VPD Combiners

Model Numbers

EB-P304-01MQ
4 Channels, passive operation

EB-P316-60MQ
16 Channels, passive operation

ENFORCER
4-Channel
Passive Mid-Point
VPD Combiner
Ch1
Ch2
Ch3
Ch4
Video
Data
Camera
RJ45 Standard
TIA/EIA-568B

EB-P304-01MQ

EB-P316-60MQ

Features

- Installs at a point between baluns on the camera end of an installation and a video transceiver on the DVR end of an installation
- Video and data signals pass through the unit to a video transceiver while power enters the unit to power the CCTV cameras
- LEDs indicate power present
- T-568B Standard
- Can be wall-mountable or desk-mounted (EB-P316-60MQ is also rack-mountable)
- Connect 4 or 16 cameras using low-cost Cat5e/6 cable

Specifications

Model		EB-P304-01MQ	EB-P316-60MQ
Type		Passive Midpoint	
Video Range	CVBS	984' (300m)	
	HD-AHD	720p: 1050' (320m); 1080p: 722' (220m)	
	HD-CVI	720p: 1476' (450m); 1080p: 820' (250m)	
	HD-TVI	720p/1080p: 820' (250m)	
Video format		NTSC, PAL, SECAM	
Maximum input		1Vp-p	
Impedance	Coax	75Ω@1MHz	
	RJ45	100Ω@1MHz	
Max. amperage		1A@12VDC/24VAC	
Data Range		2,400' (800m)	
Fuse		1.5A max/CH	

4-in-1 HD Endpoint VPD Combiners

Model Numbers

EB-C304-01EQ
4 Channels, active operation

ENFORCER
4-Channel End-Point
VPD Combiner
with 24VAC Power Supply
Ch1
Ch2
Ch3
Ch4
Data

Features

- Transmits power and data to the camera while receiving video from the camera
- Installs at the DVR end of an installation
- Can be wall-mounted or desk-mounted
- LEDs indicate power present
- Connect 4 cameras using low-cost Cat5e/6 cable
- T-568B Standard
- Built-in power supply (1 Amp per channel) to power CCTV cameras

Specifications

Type		24VAC Endpoint
Video Range	CVBS	984' (300m)
	HD-AHD	720p: 1050' (320m); 1080p: 722' (220m)
	HD-CVI	720p: 1476' (450m); 1080p: 820' (250m)
	HD-TVI	720p/1080p: 820' (250m)
Video format		NTSC, PAL, SECAM
Maximum input		1Vp-p
Impedance	Coax	75Ω@1MHz
	RJ45	100Ω@1MHz
Max. amperage		1A@24VAC
Data Range		2,400' (800m)
Fuse		1.5A max/CH
Input power		110VAC

4-in-1 HD to HDMI Converter

ENFORCER
HD to HDMI Converter
SECO-LARM
VGA OUT
CVBS / HDCVI
IN / OUT
IN
HDMI

Model Number

VC-3YAQ
HD to HDMI converter

Features

- Converts HD-TVI, CVI, AHD, and CVBS video to HDMI, VGA or composite output
- Built-in OSD to display input/output settings
- Loop output
- Picture in picture display

BNC to VGA Converter

ENFORCER
BNC to VGA Converter
Power
Menu
Exit

Model Number

VC-3BAQ
1280x1024 (NTSC)

Specifications

Input signal	1.0Vp-p, 75Ω BNC Composite
Output signal	VGA: 0.7Vp-p RGB, 15 pin female D-sub
	1.0Vp-p, 75Ω BNC Composite
Current draw	800mA@5VDC
Maximum resolution	1280x1024
Power source	1A@5VDC, 2.5mm
Dimensions	$3^{3}/_{8}$"x$3^{1}/_{4}$"x$1^{1}/_{16}$" (85x83x27 mm)
Weight	7.2-oz (205g)

Features

- Converts almost any VGA monitor into a security monitor
- Video input auto-configure
- OSD (On-Screen Display) for programming special features
- Desktop, VESA, or wall mountable
- Output: 1280x1024 NTSC
- BNC pass through output
- Stores settings in case of power loss

VGA to BNC Converter

ENFORCER
VGA to BNC Converter
Setting
Menu
Up
Down
Left
Right
Zoom
Size
Power

Model Number

VC-2VAQ
1024x768 (NTSC)

Specifications

Input signal	VGA
Output signal	VGA: 0.7 Vp-p RGB 15 pin female D-sub
	1.0Vp-p, 75Ω BNC Composite
Current draw	500mA@5VDC
Maximum resolution	1024x768
Power source	1A@5VDC, 2.5mm
Dimensions	$4^{13}/_{16}$"x$3^{3}/_{16}$"x$1^{1}/_{16}$" (122x81x27 mm)
Weight	9.3-oz (265g)

Features

- Connect a DVR with VGA output to an existing monitor with BNC input
- Video standards: NTSC/PAL
- Auto configure resolution: Up to 1024x768 (up to 75Hz)
- Dual composite video (BNC) and VGA output ports
- Gold-plated BNC connector for longer life
- On-screen display (OSD) for image adjustments including size, brightness, contrast, hue, saturation, sharpness, and more
- Quick installation – no driver or operating system requirements

4-in-1 HD Ground Loop Isolator

HD

VG-1C12YQ

Features

- TVI / CVI / AHD / Analog compatible
- Built-in surge protection
- BNC Terminals for easy installation
- Passive operation - no external power required
- Reduces ground loop interference
- Prevents video-signal distortion, picture tearing, cross talk, and other picture quality problems

4-in-1 HD Video Surge Protector

HD

VS-1V12YQ

Features

- Helps prevent damage to sensitive HD-TVI, HD-CVI, HD-AHD, and Analog CCTV cameras, DVRs, and switches
- Intercepts repeated surges and spikes that could damage HD-TVI, HD-CVI, HD-AHD, and Analog CCTV equipment
- Passive operation – no external power required
- Includes a 16" grounding wire for convenient connection to ground

ENFORCER
HD 4-in-1 Surge Protector
VS-1V12YQ
Cable End
Equipment End

IP Surge Protector

IP

IPV-PD88Q

Features

- Helps prevent damage to sensitive analog CCTV equipment such as cameras, monitors, DVRs, and video splitters
- Installs on Cat5e/6 4-pair UTP cable with RJ45 jacks
- Passive operation - No external power required
- Includes a grounding post

Ground
Unprotected
ENFORCER
IP Surge Protector
Protected

Passive Ethernet over Coax

Model Number

NE-SE01-020Q
Up to 650ft (200m)

Specifications

Type	Passive Ethernet Extender over Coax
Input connector	RJ-45
Output connector	BNC
Ethernet speed	10/100 Mbps
Standard	IEEE802.3 10Base-T
Operating temperature	-4°~158° F (-20°~70° C)
Dimensions (Excluding pigtail)	2$^{3}/_{8}$"x1$^{1}/_{8}$"x$^{13}/_{16}$" (60x29x20 mm)

Features

- 1 Channel Ethernet over coax
- 10Mbps Full duplex
- Transmission distance: 650ft (200m)
- Link Cable: RG59/U or better
- Passive operation - no external power required
- Built-in surge protection
- Fast and easy to install
- Bidirectional – can operate as transmitter and receiver
- Sold as a set

Ethernet over Coax with PoE

PoE

Model Number

NE-AE01-030TQ
Up to 650ft (200m)

Specifications

Link Connection	BNC
Ethernet Connection	RJ45
Linking Cable	75Ω coax cable
Range	984ft (300m)
PoE mode setting	Mid-span/ End-span
LED indicator	Power (green)
Power	1.25W
Temperature	32°~131° F (0°~55° C)
Dimensions	2$^{5}/_{8}$"x3$^{7}/_{16}$"x1$^{1}/_{16}$" (67x87x27 cm)

Features

- Extends IP/PoE signal camera over coax
- Connects IP/PoE camera to 10/100BaseT PoE Injector/Switch over one coax cable.
- Supports PoE: IEEE802.3af/at
- Supports 10/100 Mbps transmission rate
- Power source from PoE Injector/ PoE Switch (order separately)

PoE Extenders

Model Number

NR-P101E-TQ NEW
Gigabit PoE Extender, outdoor,
1-input to 1-output

NR-P401E-TQ NEW
Gigabit PoE Extender,
1-input to 4-output

ENFORCER
Gigabit PoE Extender
IN
OUT

NR-P101E-TQ

ENFORCER
Gigabit PoE Extender
1 » 4
PoE OUT
PoE IN

NR-P401E-TQ

Features

- Extends the range of PoE Ethernet devices over Cat5e or higher cables an additional 328ft (100m)
- Connects 10,100,1000BaseT PoE devices including cameras, VOIP, etc.
- Supports up to gigabit transmission rates
- Compliant with IEEE 802.3af, IEEE 802.3at
- Passive operation – no external power required
- Easy plug-and-play installation
- Automatically detects PoE equipment and protects from damage due to faulty installation
- Complies with FCC and CE class B EMI standards

NR-P401E-TQ

- 4 Output ports for up to 4 PoE devices
- Also compliant with IEEE 802.3bt 4 pairs

Specifications

Model		NR-P101E-TQ	NR-P401E-TQ
Connections	PoE In	1x Weather-resistant RJ-45	1x Shielded RJ-45
	PoE Out	1x Weather-resistant RJ-45	4x Shielded RJ-45
PoE Power	Input	Up to 30W	Up to 60W
	Output	Up to 25W	Up to 55W (total for 4 ports)
Transmission range	1 Extender	656ft (200m)	656ft (200m)
	2 Extenders	984ft (300m)	984ft (300m)
Data link		Both pin 1/2, 3/6 and 4/5, 7/8	
Power link		Pin 1/2 (+), 3/6 (–) up to 25W	Pin 1/2 (+), 3/6 (–) up to 12W for 4 PSE, 25W for 2 PSE
Network cables		Weather-resistant Cat-5e or higher	Shielded Cat-5e or higher
PoE standard		10/100/1000 Mbps half/full duplex	
LED Indicators	Power link	None	Yellow
	Data link		Green, steady
	Data Transmit		Green flashing
IP rating		IP66 (with waterproof UTP cable)	None*
Operating humidity		90% (maximum, non-condensing)	
Operating temperature		– 13°~101° F (– 25°~55° C)	14°~113° F (– 10°~45° C)
Dimensions		$7^{1}/_{4}$"x$1^{3}/_{4}$"x$1^{3}/_{4}$" (185x45x45 mm)	$4^{11}/_{16}$"x$1^{1}/_{8}$"x$3^{3}/_{8}$" (119x28x85 mm)
Weight		8-oz (227g)	8.8-oz (250g)

* Can be used outdoors with an IP66 sealed box and weather-resistant UTP cables

PoE Switches

Model Number

NEW

NS-104UT-MAQ
Unmanaged PoE Switch, 4-Port

NEW

NS-508UT-GAQ
Unmanaged Gigabit PoE Switch, 8-Port

ENFORCER
SECO-LARM

NS-104UT-MAQ

ENFORCER®
Unmanaged Gigabit PoE Switch
8-Port
Power
PoE
Link/Act
Uplink
G1
G2

NS-508UT-GAQ

Features

- Provides both Ethernet data and power to multiple PoE devices
- Specially designed for video transmission with fast packet forwarding capability for clear images and smooth transmission
- Conforms to IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at (NS 508UT GAQ also conforms to IEEE802.3ab)
- IEEE 802.3x Flow control

Specifications

Model		NS 104UT-MAQ	NS 508UT-GAQ
Operating voltage		48~57 VDC*	100~240 VAC
Power consumption		<5W	<15W
Ethernet speed		10/100Mbps (uplink, 100Mbps)	10/100/1000Mbps (uplink, 1000Mbps)
Ethernet standard		IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at	IEEE 802.3, IEEE 802.3u, IEEE 802.3af, IEEE 802.3at, IEEE 802.3x, IEEE 802.3ab
Transmission distance		328ft (100m)†‡	328ft (100m)†
Switching capacity		1.2G	20G
Transfer rate	10Mbps	14,880pps	
	100Mbps	148,800pps	
	1000Mbps	N/A	1,488,000pps
MAC Address table		1K	4k
LED Indicators		Connection/transmission and PoE for each port, power	
PoE Capacity		55W	120W
Operating humidity		0~85% Non-condensing	0~85% Non-condensing
Operating temperature		– 40°~158° F (– 40°~70° C)	– 40°~158° F (– 40°~70° C)
Dimensions		4"x$^{7}/_{8}$"x2$^{15}/_{16}$" (102x22x75 mm)	7$^{7}/_{8}$"x2$^{3}/_{4}$"x4$^{5}/_{8}$" (200x44x118 mm)
Weight		6.8-oz (194g)	1-lb 12.4-oz (806g)

* Power adapter included
† Distance depends on ethernet cables used. Cat5e/6 recommended
†‡ 656ft (200m) at 10Mbps with VLAN switch on

PoE Repeater

Features

- Extends power and data beyond the normal limit of 328ft (100m)
- Standard PoE IEEE 802.3af compliant
- Installs on Cat5e/6 4-pair UTP cable with RJ45 jacks
- Supports 10/100/1000 BASE-T transmission rates
- Easy plug-and-play installation
- Passive operation – no external power required
- Auto-sensing for detecting PoE or non-PoE devices
- Built-in LED status indicators
- Sealed and fanless for increased reliability
- Compact, wall-mountable

Model Number

NR-P101FQ
802.3af Compliant

Specifications

Connector	In/Out	RJ45
Current draw	Standby	1.1W (23mA)
	@10Mbps	1.44W (30mA)
	@100/1000 Mbps	1.92W (40mA)
Tranmission range	Single repeater	Up to 787ft (240m)
	Two repeaters	Up to 1,181ft (360m)
Max device power range with PoE switch	1st PoE Repeater	2nd PoE Repeater
	8.58W at 787ft (240m)	4.21W at 1,181ft (360m)
PoE	IEEE 802.3af Standard, 48V, 12.95W	
Data link	Pin 1/2, 3/6, 4/5, 7/8	
Power link	Pin 1/2 (+),3/6 (-) End-Span	
Material	Aluminum	
Operating temperature	32°~131° F (0°~55° C)	
Dimensions	2$^{5}/_{8}$"x4$^{5}/_{16}$"x1$^{1}/_{16}$" (67x110x27 mm)	

PoE Injector

Features

- Includes splitter and injector
- Works with all DC powered non-POE devices up to 50VDC
- Supports up to 100Mb/s networks
- Use existing Cat5e/6 wiring to extend power to non-PoE devices
- Plug & play installation
- For distances up to 328ft (100m)

Model Number

NJ-P101M-PQ
Basic PoE Splitter/Injector

Specifications

Transmission medium	Cat5e/6 UTP
Input voltage	≤50VDC
Transmission distance	328ft (100m) max
Transmission current	1A max
Working temperature	14°~158°F (-10°~70°C)
Storage temperature	-22°~158°F (-30°~70°C)
Humidity	0 to 95%
Dimensions	2$^{1}/_{16}$"x1$^{1}/_{8}$"x1$^{3}/_{16}$" (52x28x21 mm)
	With 5.9" (15cm cable)

CCTV Connectors

Illuminated Power Connectors

CA-1610-3FLQ

- 2.1mm DC Plug with LED and 3' (0.9m) red/black wires, LED indicates power and polarity

Illuminated Power Connectors

CA-1510-3FLQ

- 2.1mm DC jack with LED and 3' (0.9m) red/black wires, LED indicates power and polarity

DC Connectors

EVA-F5521-3Q

- 2.1mm DC Plug pigtail connector with 3' (0.9m) red/black wire

DC Connectors

EVA-M5521-3Q

- 2.1mm DC Jack pigtail connector with 3' (0.9m) red/black wire

DC Connectors

CA-1526-1F

- 2.1mm DC Jack-to-dual DC plug with 1' (0.3m) wires

DC Connectors

CA-161T

- 2.1mm DC Plug-to-terminal block

DC Connectors

CA-151T

- 2.1mm DC Jack-to-terminal block

DC Connectors

CA-161P

- 2.1mm DC Plug-to-terminal block (screwless)

DC Connectors

CA-151P

- 2.1mm DC Jack-to-terminal block (screwless)

DC Connectors

CA-1616Q

- 2.1mm DC Plug-to-plug adapter

DC Connectors

CA-1515Q

- 2.1mm DC Jack-to-jack adapter

BNC Connectors

EVA-CB0R1Q

- BNC-to-RCA connector (gold-plated)

Junction Box (Small)

JB-1 NEW

- Weather resistent (IP65) terminal block
- 4"x2"x1$^{9}/_{16}$" (102x50x40 mm)

BNC Connectors

CA-121T

- Female BNC-to-terminal block

Hook-and-Loop Cable Tie

X-714-046-18B

- Hook and loop fasteners make for organized, secure, and reusable operation

Junction Box (Large)

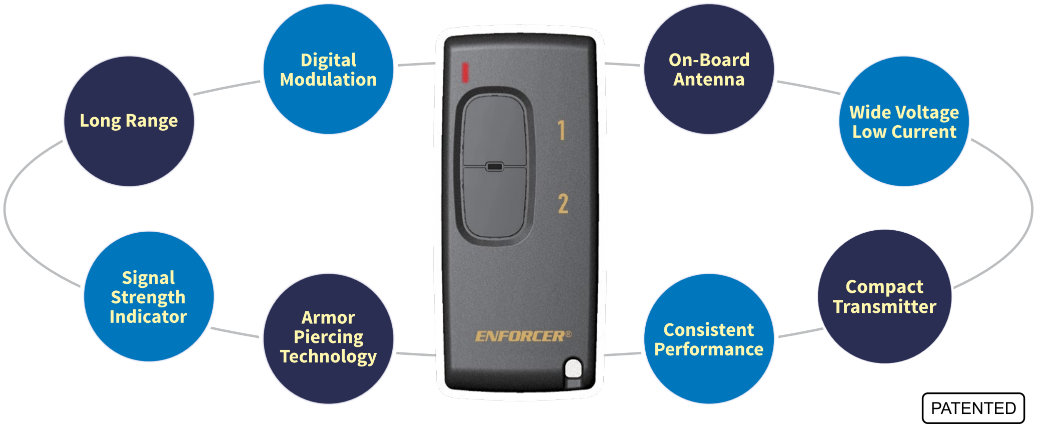
JB-2 NEW

- Weather resistent (IP65) terminal block
- 4$^{15}/_{16}$"x2$^{3}/_{16}$"x1$^{9}/_{16}$" (125x55x40 mm)

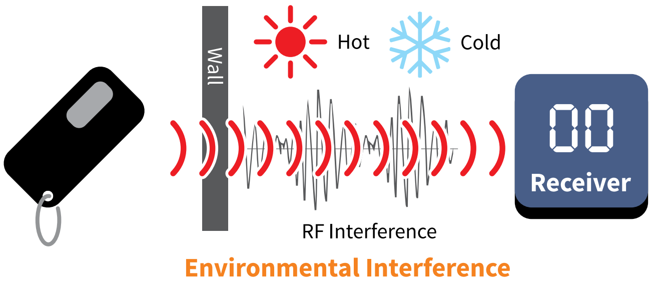
HL Series RF Receivers/Transmitters

The ENFORCER 917MHz* HL Series RF transmitters and receivers use digital modulation for improved immunity to interference, better signal penetration in environments with heavy obstructions, and significantly longer range of up to 1,800ft (550m)** line of sight. The ultra-low transmission power transmitter gives you longer battery life using common coin-type batteries.

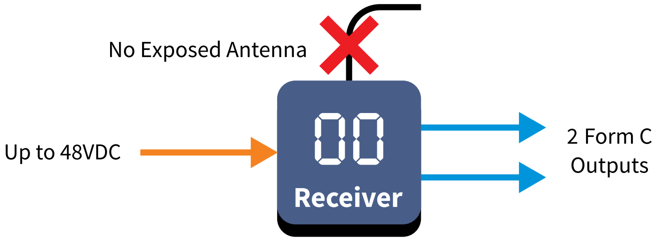
* 868MHz also available. Contact SECO-LARM ** Actual operating range will vary greatly depending on the installation and operating environment


Long Range
Digital Modulation
On-Board Antenna
Wide Voltage Low Current
Signal Strength Indicator
Armor Piercing Technology
Consistent Performance
Compact Transmitter
1
2
ENFORCER®
PATENTED

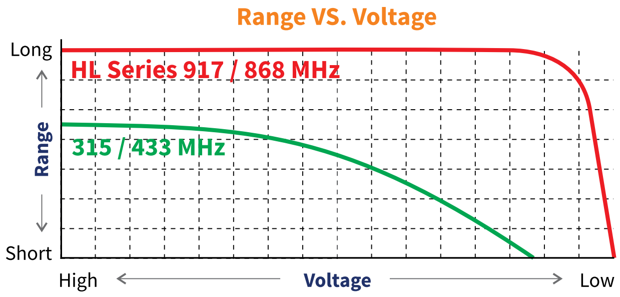
Benefits


Wall
Hot
Cold
00
Receiver
RF Interference
Environmental Interference

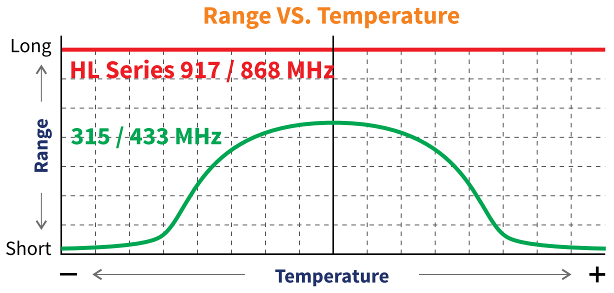
- Increased range
- Improved immunity to interference


No Exposed Antenna
Up to 48VDC
00
Receiver
2 Form C Outputs

- Flexible voltage (up to 48VDC)
- Up to 99 button codes per channel
- 5 Individually programmable output modes



- Consistent range with a pocket-sized 1~4 button transmitter
- Power-efficient transmitter uses regular coin-type batteries



- Armor piercing technology (patent pending)
- Temperature compensation for consistent operation in varying temperatures

Options

- Data encryption with code hopping
- Serial outputs for date control and/or logging
- 3.2~6 VDC Battery-powered receiver with low-voltage monitor

HL Series RF Receivers

PATENTED

Features

- Flexible operating voltage: 10~24 VAC, 9~48 VDC (3.2~6 VDC low-voltage version also available)
- Independently programmable channels
- 5 Relay output functions
- Form C (NO/NC/COM) contacts, 10A@14VDC
- Compatible with all SECO-LARM transmitters of the same frequency
- On-board antenna, no external antenna to be installed, adjusted, vandalized, or damaged
- Up to 99 button codes per channel
- Programming by switch, no need to cut jumpers
- LED Indicates RF reception, signal strength, and programming functions
- Dimensions: $3^{7}/_{8}$"x$2^{7}/_{16}$"x$^{1}/_{16}$" (99x62x30 mm)

* 868MHz version also available. **For low voltage 3.2~6 VDC battery powered model contact SECO-LARM

Receiver Model Numbers

HL-951R1-SQ NEW
1-Channel, 10A Form “C” relay, 917MHz, 10~24 VAC, 9~48 VDC

HL-951R2-SQ NEW
2-Channel, 10A Form “C” relay, 917MHz, 10~24 VAC, 9~48 VDC

Receiver Specifications

Frequency		917MHz*
Operating voltage		10~24 VAC or 9~48 VDC**
Operating current	Standby	7mA@12VDC (typical)
	Active	68mA@12VDC per channel
Relay output	Type	Independent, sequence, access control
	Modes	1~99 seconds momentary, 1~99 minutes momentary, toggle, latch, validity (follow)
Connectors		Screw terminals:
LED Digital display		Signal strength, programming functions, etc.
Operating temperature		– 40°~167° F (– 40°~75° C)

HL Series RF Transmitters

Features

- Pocket-size pendant
- Efficient power use for longer battery life
- Uses CR-2032 coin-type battery
- On-board antenna, no external antenna to be installed, adjusted, vandalized, or damaged
- Up to 99 button codes per channel
- Programming by switch, no need to cut jumpers
- LED Indicates RF reception and programming functions

PATENTED

ENFORCER
1
2
3
4

HL-951T1-SQ

HL-951T2-SQ

HL-951T3-SQ

HL-951T4-SQ

Transmitter Model Numbers

HL-951T1-SQ NEW
1-Button pocket-sized pendant

HL-951T2-SQ NEW
2-Button pocket-sized pendant

HL-951T3-SQ NEW
3-Button pocket-sized pendant

HL-951T4-SQ NEW
4-Button pocket-sized pendant

Transmitters Specifications

Frequency	917MHz*
Battery	CR-2032 x 1 (Optional x 2)
Dimensions	$3^{1}/_{16}$"x$1^{5}/_{16}$"x$^{1}/_{2}$" (78x34x13 mm)

* 868MHz also available. Contact SECO-LARM

OEM/ODM Welcome For more information, see pg.82

1-Channel RF Receivers

Features

- Five programmable relay output modes: 4-second momentary, 1-second momentary, toggle, latch,and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD
Extended range antenna for 315MHz receivers

SK-93ERSD
Extended range antenna for 433.92MHz receivers

Model Numbers

SK-910RBQ
315MHz

SK-910RB-4Q*
433.92MHz

Specifications

Model	SK-910RBQ	SK-910RB-4Q
Number of channels	1	
Operating frequency	315MHz	433.92MHz
Memory capacity	15 Transmitter button codes	
Operating voltage	11~24 VAC/VDC	
Current draw	30mA@12VDC	
Relay rating	NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions	$3^{1}/_{8}$"x$2^{9}/_{16}$"x1" (80x65x25 mm)	

Miniature 1-Channel RF Receivers

Features

- Control garage doors, gates, house lights , alarm panel , or other devices via remote
- Small size
- LED indicates RF transmission programming options and output modes

Accessories

SK-91ERSD
Extended range antenna (SK-910RAQ only)

Model Numbers

SK-910RAQ
3A relay, 11~24 VAC/VDC

SK-910RAVQ
5A Transistor ground, 3~13.8 VDC

Specifications

Model	SK-910RAQ	SK-910RAVQ
Number of channels	1	
Operating frequency	315MHz	
Memory capacity	15 Transmitter button codes	
Operating voltage	11~24 VAC/ VDC	3~13.8 VDC
Current draw	50mA@ 12VDC	15mA@ 12VDC
Output	NO/NC/COM Relay, 3A	Transistor ground, 5A
Dimensions	$3^{3}/_{16}$"x$2^{9}/_{16}$"x$^{3}/_{4}$" (80x65x19 mm)	

*Special order item. Please contact SECO-LARM for details.

2-Channel RF Receivers

Model Numbers

SK-910RB2Q
315MHz

SK-910RB2-4Q* NEW
433.92MHz

Specifications

Model		SK-910RB2Q	SK-910RB2-4Q
Number of channels		2	
Operating frequency		315MHz	433.92MHz
Memory capacity		15 Transmitter button codes per channel	
Operating voltage		11~24 VAC/VDC	
Current draw	Standby	8mA@12VDC	
	Active	30mA@12VDC, per channel	
Relay rating		NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions		3$^{1}/_{8}$"x2$^{9}/_{16}$"x1" (80x65x25 mm)	

Features

- Five programmable relay output modes: 4-second momentary, 1-second momentary, toggle, latch,and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD
Extended range antenna for 315MHz receivers

SK-93ERSD
Extended range antenna for 433.92MHz receivers

Miniature 2-Channel RF Receiver

Model Number

SK-910RAV2Q
3A Transistor ground, 3~13.8 VDC

Specifications

Number of channels	2
Operating frequency	315MHz
Memory capacity	15 Transmitter button codes per channel
Operating voltage	3~13.8 VDC
Current draw	15mA@12VDC per channel
Output	Transistor ground, 3A
Dimensions	3$^{3}/_{16}$"x2$^{9}/_{16}$"x$^{3}/_{4}$" (80x65x19 mm)

Features

- Control garage doors, gates, house lights , alarm panel , or other devices via remote
- Small size
- LED indicates RF transmission programming options and output modes

*Special order item. Please contact SECO-LARM for details.

3-Channel RF Receiver

Features

- Four programmable relay output modes: timed (1~60 seconds), toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessory

SK-91ERSD
Extended range antenna for 315MHz receivers

Model Number

SK-910R3Q
315MHz

Specifications

Number of channels	3
Operating frequency	315MHz
Memory capacity	15 Transmitter button codes per channel
Operating voltage	11~24 VAC/VDC
Current draw	50mA@12VDC per channel
Relay rating	NO/NC/COM Relay, 10A@24VDC/120VAC
Dimensions	$5^{5}/_{16}$"x$3^{15}/_{16}$"x$1^{1}/_{8}$" (135x100x28 mm)

4-Channel RF Receivers

Features

- Four programmable relay output modes: timed (1~60 seconds), toggle, latch, and validity
- Control garage doors, gates, house lights, alarm panels, or other devices via remote
- LED indicates RF transmission programming options and output modes
- One-button programming - no need to cut jumpers

Accessories

SK-91ERSD
Extended range antenna for 315MHz receivers

SK-93ERSD
Extended range antenna for 433.92MHz receivers

Model Numbers

SK-910R4Q
315MHz

SK-910R4-4Q*
433.92MHz

NEW

Specifications

Model	SK-910R4Q	SK-910R4-4Q
Number of channels	4	
Operating frequency	315MHz	433.92MHz
Memory capacity	15 Transmitter button codes per channel	
Operating voltage	11~24 VAC/VDC	
Current draw	50mA@12VDC per channel	
Output	NO/NC/COM Relay, 10A@24VDC/120VAC	
Dimensions	$5^{5}/_{16}$"x$3^{15}/_{16}$"x$1^{1}/_{8}$" (135x100x28 mm)	

*Special order item. Please contact SECO-LARM for details.

Up to
500ft
(150m)
ENFORCER

FCC approved

Make it Clean.
Make it Efficient.
Make it Wireless.

ENFORCER®

RF transmitters and receivers can help turn a security, access control, home automation, or gate operation into a clean and efficient wireless operation.

The ENFORCER line of RF products includes a wide variety of types of devices, including pendant and handheld transmitters, miniature receivers, desktop transmitters and receivers, wired transmitters, a 4-channel central receiver with programmable output tones, and more. All of the transmitters are compatible with all of the receivers in the extensive ENFORCER RF Wireless product line.

1 Channel
ENFORCER
ENFORCER

Specifications:
- 5 Output modes: 4-Second Momentary, 1-Second Momentary, Toggle, Validity, and Latch (4-Channel receiver can be programmed for 1~60 second momentary output)
- Transmitters: 315MHz Frequency, up to 500ft (150m)
- Receivers: 11~24 VAC/VDC, 8A Form C relays
- Each receiver learns up to 15 transmitter codes
- Easily add and delete transmitters
- Over 68 billion ($6.8x10^{10}$) possible codes
- OEM / Private label available

2 Channels
1
2
ENFORCER
1
2
ENFORCER

4 Channels
1
2
3
4
ENFORCER
ENFORCER

SECO-LARM®
Manufacturer of **ENFORCER®**

Phone: (949) 261-2999 (CA & Int'l)
(800) 662-0800

Email: sales@seco-larm.com
Website: www.seco-larm.com

RF Pendant Transmitter

Features

- Over 68 billion (6.8x10^{10}) possible codes
- LED Transmission indicator
- Includes 12VDC alkaline battery
- All transmitters are compatible with all SECO-LARM Receivers of the same frequency
- Coding is done by flipping trinary DIP switches. 59,049 combinations
- Use for "block coding" or simple matching of an existing transmitter

Model Numbers

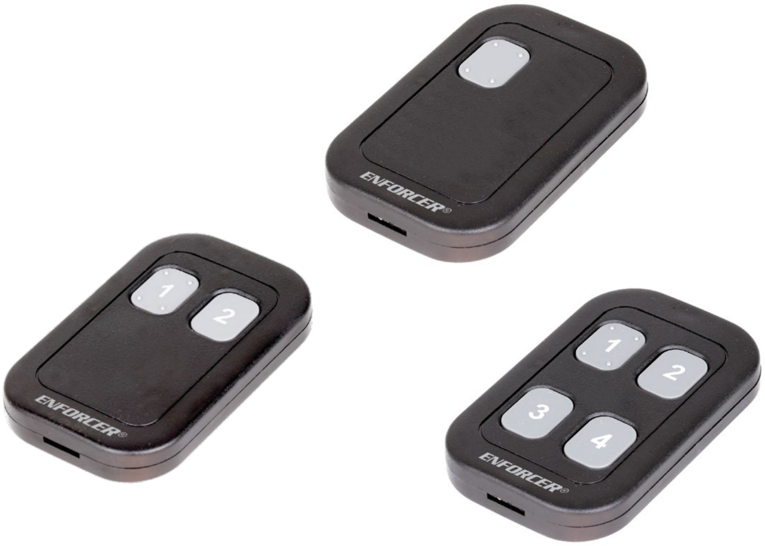
SK-919TT1S-BU
315MHz, 1-Channel

Accessories

SK-915LP
Leather pouch for 1 button transmitters

SK-915BA
12VDC Alkaline battery for pendant transmitters

RF Handheld Transmitters



Features

- Operates up to 500ft
- Over 68 billion (6.8x10^{10}) possible codes
- LED transmission indicator
- Includes one 3VDC lithium battery (X-930-096)
- All transmitters are compatible with all SECO-LARM receivers of the same frequency
- Visor clip and belt clip included. Belt Clip Holster/ Wall Mount Switch also available (Model SK-9HBC)
- Slim-line design: 3½"x2$^3/_{16}$"x½" (89x56x12 mm)

Model Numbers

1-Button

SK-919TP1H-BQ
315MHz, 1-Channel

2-Button

SK-919TP2H-NQ
315MHz, 3-Channel

4-Button

SK-919TP4H-NQ
315MHz, 15-Channel

Accessories

X-930-096
3VDC Lithium battery, CR2032

SK-9HBC
Belt-clip holster/ wall-mount bracket for handheld transmitters

RF Pendant Transmitters

1
2
ENFORCER

1
2
3
ENFORCER

1
2
3
4
ENFORCER

PATENTED

Features

- Over 68 billion (6.8x10^{10}) possible codes
- SK-917 and SK-937 models :Patented CODEBUMP™ anti-codegrabbing technology changes the transmitter's code to one of 18 quintillion possible codes every time the transmitter button is pressed
- LED transmission indicator
- All transmitters are compatible with all SECO-LARM Receivers of the same frequency
- Includes one 3VDC lithium battery (X-930-096)
- Patented transmitter design

OEM / ODM / Private Label Available

FCC Certified

ENFORCER
1
2

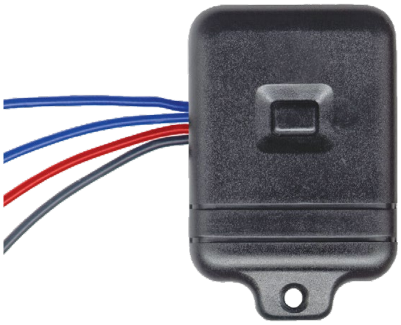
- Convert your product to wireless control
- All products are FCC or CE certified to bring your product to market faster
- Contact SECO-LARM for more info

Model Numbers

Model	Description
1-Button (NEW)	
SK-917T1-GBQ	*315MHz, 1 Channel*
SK-917T1-GBUQ*	*315MHz, 1 Channel, No Logo*
SK-919T1-GBQ	*315MHz, 1 Channel*
SK-919T1-GBUQ*	*315MHz , 1 Channel, No logo*
SK-937T1-GBQ*	*433.92MHz, 1 Channel*
SK-937T1-GBUQ*	*433.92MHz, 1 Channel, No Logo*
SK-939T1-GBQ*	*433.92MHz, 1 Channel*
SK-939T1-GBUQ*	*433.92MHz, 1 Channel, No Logo*
2-Button (NEW)	
SK-917T2-GNQ	*315MHz, 3-Channel*
SK-919T2-GNQ	*315MHz, 3-Channel*
SK-937T2-GNQ*	*433.92MHz, 3-Channel*
SK-939T2-GNQ*	*433.92MHz, 3-Channel*
SK-939T2-GNUQ*	*433.92MHz, 3-Channel, No Logo*
3-Button (NEW)	
SK-917T3-GNQ*	*315MHz s, 7-Channel*
SK-919T3-GNQ	*315MHz, 7-Channel*
SK-937T3-GNQ*	*433.92MHz, 7-Channel*
SK-939T3-GNQ*	*433.92MHz, 7-Channel*
4-Button (NEW)	
SK-917T4-GNQ	*315MHz, 15-Channel*
SK-919T4-GNQ	*315MHz, 15-Channel*
SK-937T4-GNQ*	*433.92MHz, 15-Channel*
SK-939T4-GNQ*	*433.92MHz, 15-Channel*

*Special order item. Please contact SECO-LARM for details.

Wired 1-Channel RF Transmitter



Model Numbers

SK-919TDWS-BUQ
315MHz

Accessories

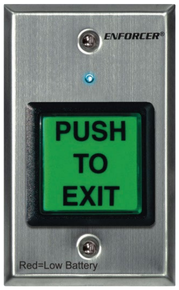
SK-915BA
12VDC Alkaline battery for pendant transmitters

GP
ALKACELL
ALKALINE BATTERY
23A 12V

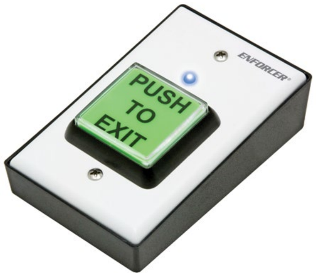
Features

- Powered by internal battery or external 12VDC power source
- Use to make almost any security output wireless
- Over 68 billion possible codes
- LED Transmission indicator
- Included 12VDC alkaline battery
- Wiring:
  - Two wires for N.O. switch input
  - Two wires for 12VDC power input
- Dimensions: 2"x1½"x$^5/_8$" (50x38x15 mm)

RF Wireless RTE Transmitters



SD-8202GT-PEQ



SD-862T-GWSQ

Model Number

SD-8202GT-PEQ
Wireless 2" square, illuminated green pushbutton, SPDT

SD-862T-GWSQ
Wireless 2" square, green pushbutton

Accessories

SK-910RBQ
315MHz 1-Channel RF receiver (see page 78

SK-910RAV2Q
315MHz Miniature 2-channel RF receiver (see page 79)

SK-910R3Q
315MHz 3-Channel RF receiver (see page 80)

SK-910R4Q
315MHz 4-Channel RF receiver (see page 80)

Features

SD-8202GT-PEQ:

- Single-gang, stainless steel faceplate
- For hard-to-wire installations
- Range 250ft (76m)
- 2" Square illuminated pushbutton
- Built-in RF transmitter (similar to SK-919TDWS-BUQ; see page 78-80 for compatible 315MHz receivers)

SD-862T-GWSQ:

- Completely wireless and portable
- Range of 250ft (76m)
- Useful for hard-to-wire installations
- Use in offices, factories, institutions, or residences
- Desk mount or wall mount wireless RTE button
- No exposed antenna
- Single-gang faceplate
- 2"Square pushbutton
- Back box included
- 9V Alkaline battery included
- Compatible with SECO-LARM 315MHz receivers (see pages 78-80)

SECO-LARM®

ETL UL325 Compliant Sensors and Much More

50ft Reflective Photobeam Sensor
E-931-S50RRGQ

LISTED
Intertek
Conforms to UL325

Twin Photobeam Detector
E-960-D90GQ

45ft Reflective Photobeam Sensor
E-936-S45RRGQ

35ft Reflective Photobeam Sensor
E-936-S35RRGQ

33ft Polarized Reflective Photobeam Sensor
E-931-S33PRGQ

Also Available from SECO-LARM®

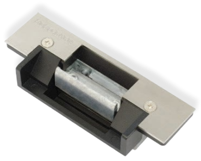
RF Transmitters and Receivers

Timers

Keypads

CCTV

Gate Locks



Door strikes

Tel: (800) 662-0800
Fax: (949) 261-7326

Email: sales@seco-larm.com
Website: www.seco-larm.com

SECO-LARM® ENFORCER® CRIMEBUSTER CBA® SLI®

SECO-LARM®
Manufacturer of ENFORCER®

Twin Photobeam Detectors

ENFORCER
ENFORCER

PATENTED

Features

- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, etc.
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Automatically adjusts beam strength to compensate for different weather conditions
- Automatic input power filtering with special noise rejection circuitry
- NO/NC Alarm output
- N.C. Tamper circuit included
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Adjustable interrupt time (50~700 ms)
- "U" Brackets included for pole mounting

E-964-D390Q Only:

- Multi-frequency (four channels selectable) to reduce interference between multiple units for more flexible installation options

Specifications

Model		D90Q	D190Q	D290Q	D390Q
Number of beams		2			
Number of frequencies		1			4
Sensing range	Outdoor	90' (30m)	190' (60m)	290' (90m)	390' (120m)
	Indoor	190' (60m)	390' (120m)	590' (180m)	790' (240m)
Response time		50~700 ms (Programmable)			
LEDs	Green	Good beam signal, properly aligned, connected to power			
	Yellow	Poor beam signal			
	Red	No beam signal, triggered			
Operating voltage		10~30 VAC/VDC			
Current draw (max.)		64mA@12VDC	70mA@12VDC	74mA@12VDC	88mA@12VDC
Alignment laser		Wavelength: 650nm/Output power: ≤5mW			
Alarm output		NO/NC Relay, 1A@120VAC			
Tamper output		N.C. Switch, 1A@120VAC			
IP Rating		IP55			
Alignment angle		Horizontal: ±90°, Vertical: ±5°			
Operating temperature		-13°~131° F (-25°~55° C)			
Dimensions		$6^{13}/_{16}$"x$2^{15}/_{16}$"x$2^{7}/_{8}$" (173x74x72 mm)			
Weight		2.5-lb (1.1kg)			

Model Numbers

E-960-D90Q
Range: 90ft (30m) outdoor
190ft (60m) indoor

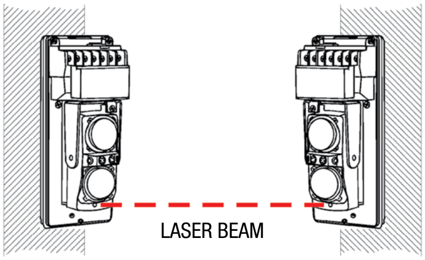
E-960-D190Q
Range: 190ft (60m) outdoor
390ft (120m) indoor

E-960-D290Q
Range: 290ft (90m) outdoor
590ft (180m) indoor

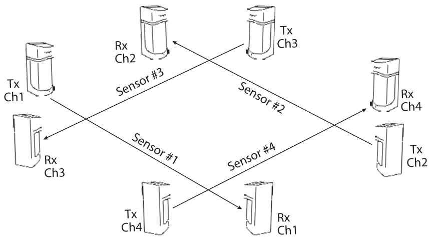
E-964-D390Q
Range: 390ft (120m) outdoor
790ft (240m) indoor

Laser Beam Alignment

Alignment is now easier than ever with our laser beam alignment system.



Multi-frequency to reduce interference



E-964-D390Q

E-960-D90GQ

ENFORCER
ENFORCER

The E-960-D90GQ is ETL Listed and conforms to UL325.
For details please see page 91

Quad Photobeam Detectors

ENFORCER
ENFORCER

Features

- Multi-frequency (four channels selectable) to reduce interference between multiple units for more flexible installation options
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Built-in heater
- Automatically adjusts beam strength to compensate for different weather conditions
- Automatic input power filtering with special noise rejection circuitry
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Buzzer sound (beep sound) for beam alignment

Specifications

Model		Q330Q	Q660Q
Number of beams		4	
Number of frequencies		4 (selectable)	
Sensing range	Outdoor	330' (100m)	660' (200m)
	Indoor	660' (200m)	1,320' (400m)
Response time		50~700 ms (Programmable)	
LEDs	Green	Good beam signal, properly aligned, connected to power	
	Red	Improper alignment, triggered	
	5 LED Indicators	Indicate signal strength from high to low	
Operating voltage		12~24 VAC/VDC	
Current draw (max.)		270mA	290mA
Alignment laser		Wavelength: 650nm/Output power: ≤5mW	
Alarm output		NO/NC/COM Relay, 1A@125VAC/1A@24VDC	
Tamper output		N.C. Switch, 1A@120VAC	
IP Rating		IP55	
Alignment angle		Horizontal: ±90°, Vertical: ±15°	
Operating temperature		-13°~131° F (-25°~55° C)	
Dimensions		$15^{1}/_{4}$"x$4^{7}/_{16}$"x$4^{11}/_{32}$" (387x113x110 mm)	
Weight		5.7-lb (2.6kg)	

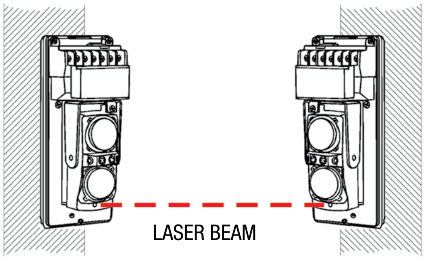
Model Numbers

E-964-Q330Q
Range: 330ft (100m) outdoor
660ft (200m) indoor

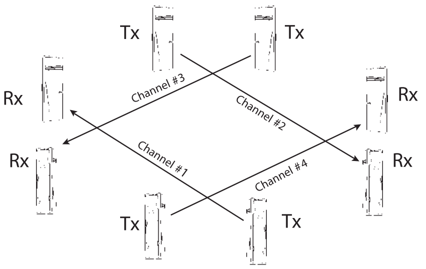
E-964-Q660Q
Range: 660ft (200m) outdoor
1,320ft (400m) indoor

Laser Beam Alignment

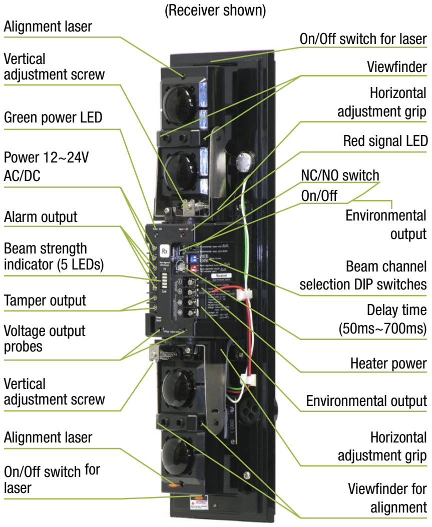
Alignment is now easier than ever with our laser beam alignment system.



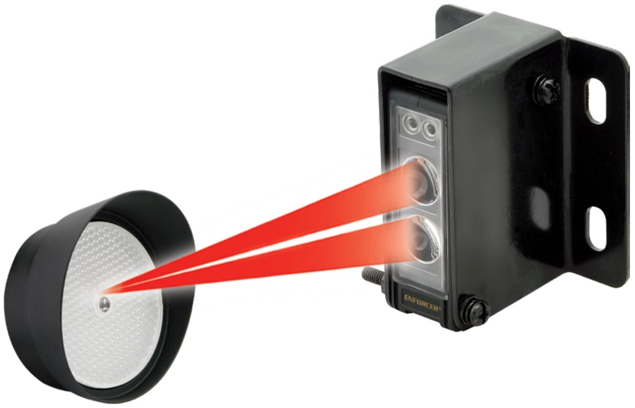
Multi-frequency to reduce interference


Tx
Tx
Rx
Rx
Channel #3
Channel #2
Rx
Rx
Channel #1
Channel #4
Tx
Tx

Overview


(Receiver shown)
Alignment laser
Vertical adjustment screw
Green power LED
Power 12~24V AC/DC
Alarm output
Beam strength indicator (5 LEDs)
Tamper output
Voltage output probes
Vertical adjustment screw
Alignment laser
On/Off switch for laser
On/Off switch for laser
Viewfinder
Horizontal adjustment grip
Red signal LED
NC/NO switch
On/Off
Environmental output
Beam channel selection DIP switches
Delay time (50ms~700ms)
Heater power
Environmental output
Horizontal adjustment grip
Viewfinder for alignment

45ft Reflective Beam Sensor



*

Intertek

Conforms to UL325

*

UL 325 Compliant

Features

- Typical applications include garage doors, outdoor gates, overhead doors, and entry detection
- Up to 45ft (14m) sensing range
- 10ms Response time
- Pre-wired 6ft (1.8m) cord
- Adjustable sensing range
- Weatherproof (IP66) construction
- Sensor, 3" round reflector, sensor hood, and mounting hardware included

E-936-S45RRGQ:

- Light-on operation
- 12-30V DC/AC 60Hz, 100mA
- Monitored output
  - – N.C.
  - – 10kΩ Resistor

E-931-S45RRQ:

- Dark-on operation
- 12~250 VAC/VDC, NO/NC/COM output

Specifications

Model		E-936-S45RRGQ	E-931-S45RRQ
Number of beams		1	
Sensing range		0.5'~45' (0.1~14 m)	0.5'~45' (0.2~14 m)
Response time		10ms	5ms~100ms (Adjustable)
LEDs	Yellow	Good beam signal, properly aligned	
	Red	Power on, triggered off	Trigger
Operating voltage		12-30V DC/AC 60Hz, 100mA	12~250 VAC/VDC
Current draw (max.)		70mA@12VDC	
Alarm output		SPDT Relay output (NO/NC/COM, with built-in 10kΩ resistor on N.O. output), 2A@30VAC/VDC	SPDT Relay output (NO/NC/COM), 3A@120VAC / 3A@30VDC
IP Rating		IP66	
Operating temperature		-4°~131° F (-20°~55° C)	

Model Number

E-936-S45RRGQ*
Range, 45ft (14m), ETL

E-931-S45RRQ
Range: 45ft (14m)

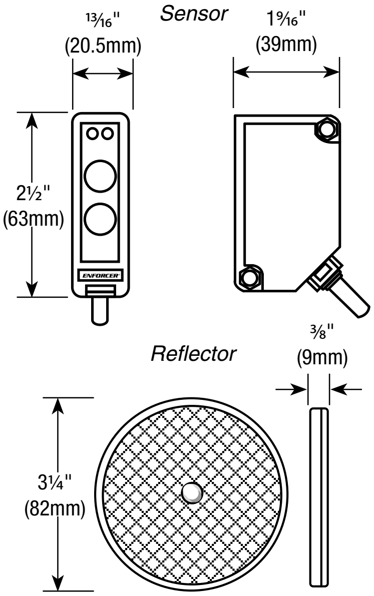
Accessories

E-931ACC-BLS6Q
Single-gang, flush-mount bracket

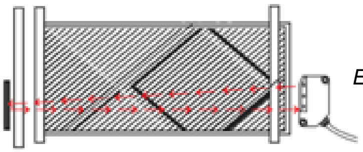
E-931ACC-BLS7Q
L-Bracket for side mounting

E-931ACC-BLS8Q
Wall or door frame bracket

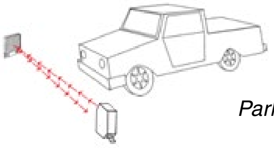
Dimensions



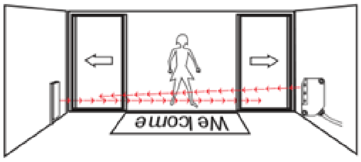
Sample Installations



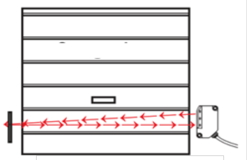
Entry Gate



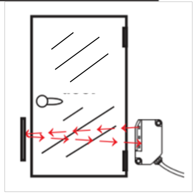
Parking Distance Monitor



Store Entrance

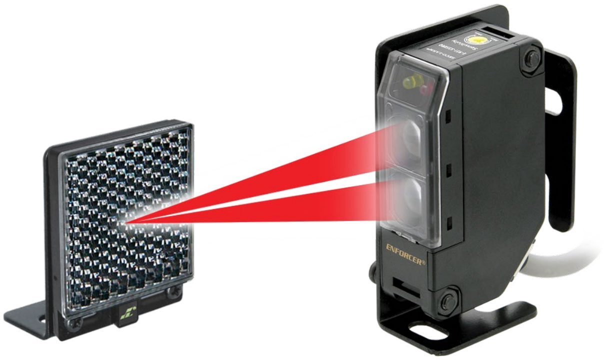


Garage Door



Main Entrance Door

35ft Reflective Beam Sensor



*

Intertek

Conforms to UL325

*

UL 325 Compliant

Features

- Typical applications include garage doors, outdoor gates, or overhead doors
- Up to 35ft (11m) sensing range
- 10ms Response time
- Weatherproof (IP66) construction for indoor and outdoor use
- Pre-wired 6ft (1.8m) cord
- Sensor, 2" square reflector, and mounting hardware included

E-936-S35RRGQ:

- Light-on operation
- 12-30V DC/AC 60Hz, 100mA
- Monitored Output
  - – N.C.
  - – 10kΩ Resistor

E-931-S35RRQ:

- Dark-on operation
- 12~240 VDC/24~240 VAC, NO/NC output

Specifications

Model		E-936-S35RRGQ	E-931-S35RRQ
Type		Retro-Reflective photoelectric beam sensor	
Number of beams		1	
Sensing range		0.5'~35' (0.2~11 m)	
Response time		10ms (Max.)	
LEDs	Yellow	Good beam signal, properly aligned	
	Red	Power on, triggered off	Trigger
Operating voltage		12-30V DC/24~30V AC 60Hz, 83mA	12~240 VDC/24~240 VAC
Current draw (max.)		60mA@12VDC, 20mA@24VDC	40mA@12VDC, 20mA@24VDC
Alarm output		SPDT Relay output (NO/NC/COM), 2A@30 VAC/VDC	SPDT Relay output (NO/NC/COM), 2A@30VDC/1A@250VAC
IP Rating		IP66	
Operating temperature		-4°~131° F (-20°~55° C)	

Also Available from SECO-LARM

E-931CS22RFCQ
Wireless entry alert system

E-931CS22RRCQ
Entry alert system

For more information on entry alert systems, please see page 127

Model Number

E-936-S35RRGQ*
Range: 35ft (11m), ETL

E-931-S35RRQ
Range: 35ft (11m)

Accessories

E-931ACC-HR1Q
Hood for E-931ACC-RC1Q

E-931ACC-RC1Q
3" (76mm) Round reflector

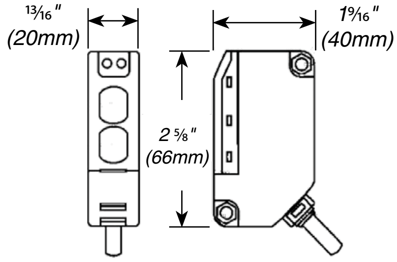
E-931ACC-RLQ
Large reflector

E-931ACC-BLS6Q
Single-gang, flush-mount bracket

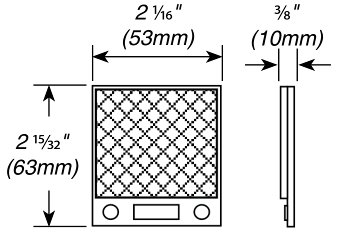
E-931ACC-BLS7Q
L-Bracket for side mounting

E-931ACC-BLS8Q
Wall or door frame bracket

Dimensions



Sensor



Reflector

50ft Reflective Beam Sensor

Intertek
Conforms to UL325

UL 325 Compliant

Model Number

E-931-S50RRGQ
Range: 50ft (15m), ETL

Specifications

Number of beams		1
Sensing range		50ft (15m)
Response time		10ms
LEDs	Solid green	Good beam signal, properly aligned
	Alternating flash	Poor beam signal
	Solid red	No beam signal, triggered
Operating voltage		12-30V DC/AC 60Hz, 100mA
Current draw (max.)		55mA@12VDC, 40mA@24VDC
Alarm output		SPDT Relay output, 500mA@30 VAC/VDC
Tamper output		N.C. Switch, 500mA@30 VAC/VDC

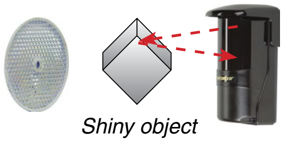
Features

- Typical applications include: Garage doors, outdoor gates, or overhead doors
- Housing designed to prevent condensation
- Up to 50ft (15m) sensing range
- 10ms Response time
- Tamper output will trigger an alarm if the sensor's cover is removed
- 12-30V DC/AC 60Hz, 100mA
- Light-On Operation
- Weatherproof (IP55) construction for indoor/outdoor use
- Sensor, 3-inch round reflector, reflector and sensor hood, and mounting hardware included
- Terminal block wiring for added convenience
- Monitored Output
  - N.C.
  - 10kΩ Resistor

33ft Polarized Reflective Beam Sensor

UL 325 Compliant

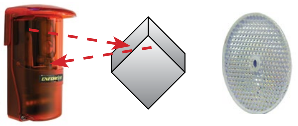
Non-Polarized Sensor:



Intertek
Conforms to UL325

Non-polarized sensor is **IS** triggered by shiny object which reflects beam but changes polarization.

Polarized Sensor:



Polarized sensor **NOT** triggered by shiny object due to detection of changed polarization of beam.

E-931-S33PRGQ
Range: 33ft (10m), ETL

Specifications

Number of beams		1
Sensing range		33ft (10m)
Response time		10ms
LEDs	Green	Good beam signal, properly aligned
	Red	No beam signal, triggered
Operating voltage		12-30V DC/AC 60Hz, 100mA
Current draw (max.)		55mA@12VDC, 40mA@24VDC
Alarm output		SPDT Relay output, 500mA@30 VAC/VDC
Tamper output		N.C. Switch, 500mA@30 VAC/VDC

Features

- Typical applications include garage doors, outdoor gates, or overhead doors
- Polarized sensor is immune to shiny objects, triggers only when correctly reflected light is detected
- Tamper output will trigger an alarm if the sensor's cover is removed
- Weatherproof (IP55) construction for indoor and outdoor use
- Light-On Operation
- Housing designed to prevent condensation
- 10ms Response time
- Terminal block wiring for added convenience
- Sensor, 3" round reflector, sensor hood, and mounting hardware included
- Monitored Output
  - N.C.
  - 10kΩ Resistor

Twin Photobeam Detector

Intertek
Conforms to UL325

UL 325 Compliant

PATENTED

Features

- Twin beams provide reliable perimeter security, minimizing false alarms from falling leaves, etc.
- Lensed optics reinforce beam strength and provide excellent immunity to false alarms due to rain, snow, mist, etc.
- Weatherproof, sunlight-filtering case for indoor and outdoor conditions
- Automatically adjusts beam strength to compensate for different weather conditions
- Light-On Operation
- Automatic input power filtering with special noise rejection circuitry
- NO/NC Alarm output
- N.C. Tamper circuit included
- Non-polarized power inputs
- Built-in laser alignment system for quick, easy installation
- Adjustable interrupt time (50~700 ms)
- "U" Brackets included for pole mounting
- Monitored Output
  - N.C.
  - 10kΩ Resistor

Specifications

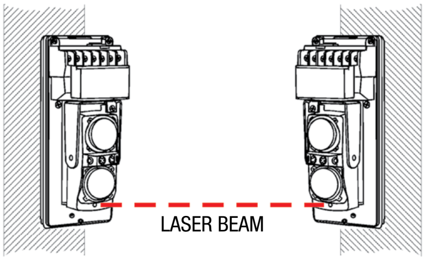
Max Range	Outdoor	90' (30m)
	Indoor	190' (60m)
Current (Max)		150mA
Power		12-30V DC/AC 60Hz, 200mA (non-polarized)
Interrupt speed		10ms
Trigger output		SPDT NO/NC/COM relay, 1A@30 VAC/VDC
Tamper output		N.C. switch, 1A@30 VAC/VDC
LEDs	Red	ON indicates transmitter and receiver not aligned or bream is broken
	Yellow	On indicates weak receiver signal or beam is broken
	Green	ON indicates unit connected to power
Laser wavelength		650nm
Laser output power		≤5mW
Alignment angle		Horizontal: ±90°, vertical: ±5°
Operating temperature		-13°~131° F (-25°~55° C)
Weight		2.5-lb (1.1kg)

Model Number

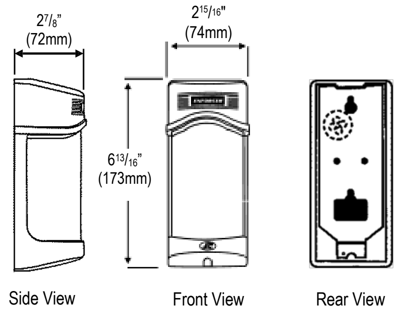
E-960-D90GQ
Range: 90ft (30m) outdoor
190ft (60m) indoor, ETL

Laser Beam Alignment

Alignment is now easier than ever with our laser beam alignment system.



Dimensions



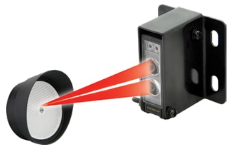
ETL UL 325 Compliant Sensors

E-936-S35RRGQ *Up to 35ft (11m)*

Intertek

For more information see pg. 89

E-936-S45RRGQ *Up to 45ft (14m)*



Intertek

For more information see pg. 88

E-931-S33PRGQ *Up to 33ft (10m)*

Intertek

For more information see pg. 90

E-931-S50RRGQ *Up to 50ft (15m)*

Intertek

For more information see pg. 90

50ft Large Reflective Beam Sensor

PATENTED

Model Number

E-931-S50RRLQ
Range: 50ft (15m)

Specifications

Number of beams		1
Sensing range		50ft (15m)
Response time		50~700 ms (Programmable)
LEDs	Green	Power
	Yellow	Poor beam signal
	Red	No beam signal, triggered
Operating voltage		12~250 VAC/VDC
Current draw (max.)		100mA@12VDC
Alarm output		NO/NC Relay, 0.5A@120VAC, min. 1s
Tamper output		N.C. Switch, 0.5A@30VDC
IP Rating		IP55
Alignment angle		Horizontal: ±90°, Vertical: ±5°
Operating temperature		-13°~131° F (-25°~55° C)

Features

- Typical applications include: Garage doors, outdoor gates, overhead doors, or manufacturing lines
- Large sensor with patented design and large reflector for a large sensing area and easier alignment
- Up to 50ft (15m) sensing range
- Response time adjustable from 50~700 ms
- 12~250 VAC/VDC Operation
- Tamper output will trigger an alarm if the sensor's cover is removed
- Weatherproof construction for indoor or outdoor use (IP55)
- Sensor, large reflector, sensor and reflector hoods, and mounting hardware included
- Terminal block wiring for added convenience

Miniature Single Photobeam Sensors

ENFORCER
ENFORCER

Model Numbers

E-964-S50TB
Range: 50ft (15m) Multi-Frequency

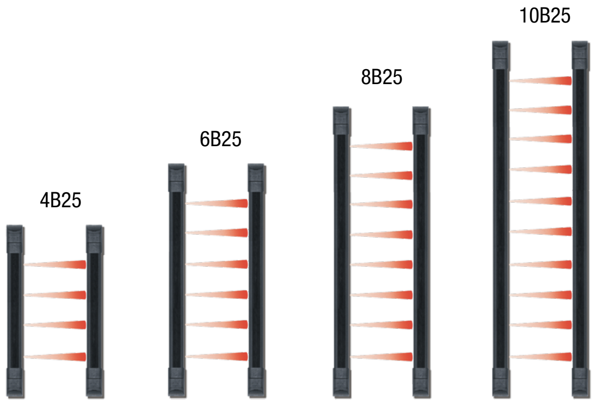
Specifications

Range		Up to 50ft (15m)
No. of Beam Channels		Single infrared beam
No. of Beam Frequencies		4
Input Power		10~24 VDC
Current draw	Tx	15mA@12VDC
	Rx	30mA@12VDC
Infrared LED Wavelength		940nm
Relay Output		NO/NC relay (set by jumper), 0.5A@30VAC/VDC
Interrupt Speed		50ms
LED Indicators		Power, Signal Strength, Triggered

Features

- Built-in AGC control to filter out lighting disturbances
- Sensor range up to 50ft (15m)
- LED indicators for power, signal strength, and trigger
- Small size for a less conspicuous installation
- Signal strength indicator for easier alignment
- Simple to install
- Weatherproof for indoor or outdoor use (IP65)
- Mounting hardware included

Curtain Sensors



Model Numbers

E-9622-4B25
4 Beams, 22½" (57cm) long, black

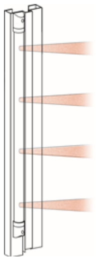
E-9644-6B25
6 Beams, 44½" (113cm) long, black

E-9660-8B25
8 Beams, 60⅛" (153cm) long, black

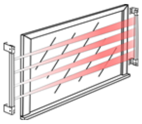
E-9680-10B25
10 Beams, 79" (201cm) long, black

Applications

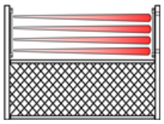
Typical Door/ Window Frame



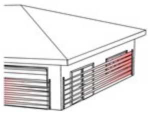
Windows



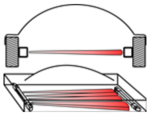
Indoor Fence Tops



Garages/Gates/Walls



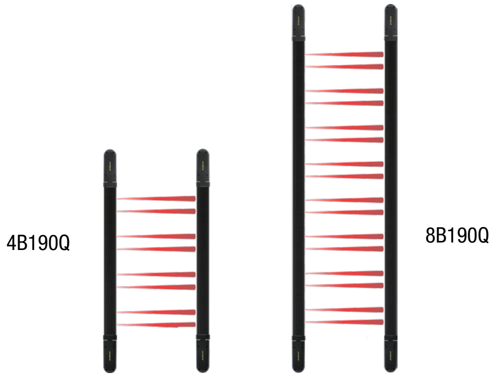
Skylights



Features

- 50ft (16m) Indoor, 25ft (8m) Outdoor
- Multi-frequency to reduce interference between multiple units
- Install on windows, doorways, skylights, fence tops, and any place where space is limited
- Perfect for indoor and outdoor perimeter security
- Slimline design – 1$^{5}/_{16}$"x$^{7}/_{8}$" (33x22 mm)
- Rugged aluminum construction
- NO/NC Relay output
- No synchronizing wires required
- 4, 6, 8, or 10 separate photoelectric beam sensors; programmable trigger upon breaking of any single beam or simultaneous breaking of any two adjacent beams
- Anti-tamper circuit for use when power is cut or end cap is removed
- LED alignment indicator
- L-brackets and mounting hardware included

Long-Range Barrier Sensors

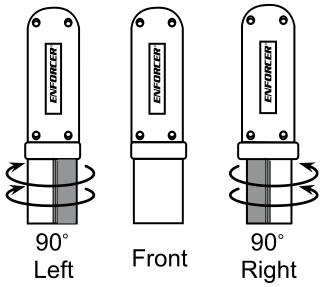


Model Numbers

E-9643-4B190Q
4 Beam pairs, 43" (109cm) long

E-9679-8B190Q
8 Beam pairs, 79" (201cm) long

Swivel Housing

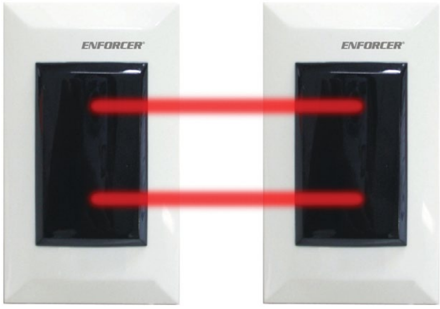


Each sensor is built with a swivel housing for flexible installations and simple alignment. To use, twist the beams up to 90°.

Features

- Long sensor range up to 190ft (60m) outdoors, 380ft (120m) indoors
- Programmable response time (150/300/450/600 ms)
- Built-in heater (activates at 41°F (5°C))
- LED and buzzer alignment indicators
- For indoor or outdoor perimeter security
- Programmable immediate trigger on simultaneous breaking of beams, or trigger after a single pair of beams is broken for at least 2 seconds
- Programmable for 4 different frequencies to reduce interference between multiple units
- Built-in tamper switches
- No synchronizing wires required for alignment
- Form C relay output
- Terminal block wiring
- AGC (Auto Gain Control) Circuits regulate beams to ensure operation in rain, fog, and low-temperature

Flush-Mount Photobeam Detectors



Features

- Typical applications include entrances, hallways, or rooms in offices or homes
- Attractive flush-mount design fits unobtrusively into the decor of most offices, retail shops, or homes
- Fits a single-gang box
- Alignment LEDs make installation and setup quick and easy

Model Numbers

E-932-D33TBQ
Range: 33ft (10m)

Specifications

# Of beams	2
Sensing range	33' (10m)
Response time	10ms
Operating voltage	12~18 VDC
Alarm output	1A@120VAC/VDC
Alignment angle	Horizontal: ±15°, Vertical: ±15°
Dimensions	4¾"x2¾"x1½" (120x70x38 mm)

IR Proximity Sensor

Features

- Triggers when device is removed from or entered into detection range
- Place objects on sensor, sensor triggers when object is removed
- N.O. or N.C. Operation

Model Number

CS-PD115-PAQ

Specifications

Sensing range		2"~6" (5~15 cm)
LEDs	Red	Standby
	Green	Triggered
Alarm output		1A@30VDC
Output time		0.5~30 s or Toggle
Operating life		100,000 Hours or 1,000,000 uses
Dimensions		1$^{3}/_{8}$"x$^{7}/_{8}$"x$^{7}/_{8}$" (35x23x23 mm)

Water Sensor

Features

- Install anywhere water damage may occur
- Detects conductive, non-flammable liquids
- For open loop circuits
- Automatic reset

Model Number

SSW-113H

Specifications

Loop type	Open loop
Electrical configuration	N.O.
Operating voltage	5~24 VDC
Current draw	30mA@12VDC, 50mA@24VDC(max.)
Operating temperature	32°~140° F (0°~60° C)
Dimensions	2$^{1}/_{2}$"x$^{1}/_{2}$"x$^{1}/_{2}$" (64x13x13 mm)
Weight	1.6-oz (44g)

Optional Accessories for Sensors

E-931ACC-HR1Q
2" Square or 3" round reflector hood
For use with:
- E-931-S35RRQ
- E-936-S35RRGQ
- E-931-S50RRGQ
- E-931-S33PRGQ

E-931ACC-RC1Q
3" round reflector
For use with:
All reflective sensors

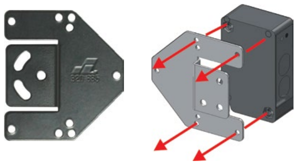
E-931ACC-R2Q
2" square reflector
For use with:
All reflective sensors

E-931ACC-RLQ
Large reflector
For use with:
All reflective sensors

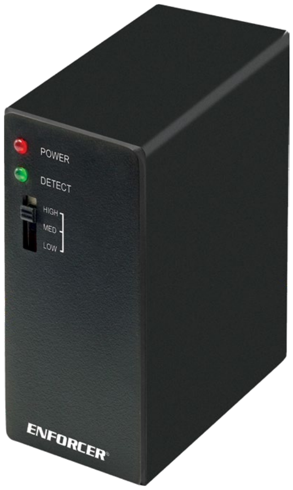
E-931ACC-BLS6Q
Single-gang flush-mount bracket
For use with:
- E-936-S35RRGQ
- E-936-S45RRGQ
- E-931-S35RRQ

E-931ACC-BLS7Q
L-bracket for side mounting
For use with:
- E-936-S35RRGQ
- E-936-S45RRGQ
- E-931-S35RRQ

E-931ACC-BLS8Q
Wall or door frame bracket
For use with:
- E-931CS22RFCQ
- E-931CS22RRCQ
- E-936-S35RRGQ
- E-936-S45RRGQ
- E-931-S35RRQ



Loop Detector



Model Number

LD-1123-PAQ
12~24 VAC/VDC

Accessory

LD-ACC-WH
Wiring harness is also available in place of the terminal block

Features

- Single loop input
- 3 Adjustable sensitivity settings (LD-1123-PAQ)
- 16 Selectable sensitivity settings (LD-1125-PAQ)
- 2 Form C relays: Presence or pulse/fault
- Auto fault detection / built-in surge detection
- Power-on automatic reset and manual reset functions available
- 11-Pin connector
- Terminal block included
- Socket Base Connector included (LD-ACC-SBQ for LD-1125-PAQ)
- ABS plastic housing
- LD-1123-PAQ Dimensions: 2$^{15}/_{16}$"x1$^{7}/_{16}$"x3$^{5}/_{16}$" (74x36x85 mm)

Specifications

Operating voltage		12~24 VAC/VDC
Current draw	Standby	25mA@12VDC / 12mA@24VDC
	Active	75mA@12VDC / 37mA@24VDC
Sensitivity		High, Med, Low
Presence time		Permanent (default) or 5min, selectable
Delay time on exit		No delay (default) or 2.5s, selectable
Loop frequency		20kHz or 170kHz (default), selectable
Loop induction range		80~300 µH
Pulse output time		200ms
LEDs	Red	Power indicator
	Green	Status indicator (vehicle detected or fault)
	Yellow	n/a
Operating temperature		-20°~149° F (-28°~65° C)

Xenon Tube Strobe Lights

SECO-LARM® SL-126Q
INFORMATIVE STROBE LIGHT

SECURITY
UL
LISTED
SL-126Q Only

Features

- For "informative" general signaling requirements
- Incorrect polarity cannot damage circuit or draw current
- Easy 2-wire installation, regardless of voltage. Also, if the strobe light is being powered by a battery, as the battery is drained the strobe light will continue to function
- Low current consumption with long operating lifespan of over 300 continuous hours (2,000,000 flashes)
- Includes choice of amber, blue, clear, green, or red lens
- Lens is made of high-impact resistant acrylic, case of high-impact resistant ABS plastic.
- The SECO-LARM strobe light comes with a protective inner cover. This protects the high-voltage xenon tube when the colored lens has been removed

Specifications

Model	SL-126Q	SL-126-A24Q
Operating voltage	6~12 VDC	6~24 VDC
Current draw	200mA@12VDC	150mA@24VDC
Flash rate	90/min@12VDC	100/min@24VDC
Brightness	100,000 Candle power	
Electrical protection	Reverse-polarity protected	
Operating life	Over 300 continuous hours (2,000,000 flashes)	
Operating temperature	-22°~140° F (-30°~60° C)	
Base	High-impact black ABS	
Lens	High-impact acrylic	
Dimensions	3$^{15}/_{16}$"x2$^{15}/_{16}$" (100x74 mm)	

Ordering Information

Color	SL-126Q	SL-126-A24Q	Replacement Lens
Amber	SL-126Q/A	SL-126-A24Q/A	SL-126LQ/A
Blue	SL-126Q/B	SL-126-A24Q/B	SL-126LQ/B
Clear	SL-126Q/C	SL-126-A24Q/C	SL-126LQ/C
Green	SL-126Q/G	SL-126-A24Q/G	SL-126LQ/G
Red	SL-126Q/R	SL-126-A24Q/R	SL-126LQ/R

*SL-126-A24Q is not UL listed

Model Numbers

SL-126Q
12VDC Operation, UL listed

SL-126-A24Q*
24VDC Operation

Accessories

SL-126LQ/x
Replacement Lens

- SL-126LQ/A – Amber
- SL-126LQ/B – Blue
- SL-126LQ/C – Clear
- SL-126LQ/G – Green
- SL-126LQ/R – Red

SL-1901-DAQ
Conduit drop bracket, can be used with SL-1901-JAQ

SL-1901-JAQ
Conduit box bracket, can be used with SL-1901-DAQ

Optional Conduit Mounting Brackets

- The conduit box and conduit drop bracket are interchangeable
- Compatible with all SL-126, SL-1301 and SL-3301 Series strobe lights

Conduit drop bracket only

Conduit box only

Conduit drop bracket with conduit box

Protective Inner Cover

The SECO-LARM strobe light comes with a protective inner cover. This protects the high-voltage xenon tube when the colored lens has been removed.

SECO-LARM® SL-126
INFORMATIVE STROBE LIGHT

LED Strobe Lights

LED

Over
50,000
hour lifespan

For a demonstration of the various flash patterns and duty cycles, visit the product page at the SECO-LARM website.

Features

- Utilizes 12 high-intensity LEDs
- Operating life over 50,000 hours (over 5.7 years)
- Same size as the SL-126Q strobe light
- Simple 2-wire installation
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Visible in all directions

5 Weather resistant lens covers available

BAQ series also includes all features of the EAQ plus:

- 5 Vertical LED strips (32 LEDs total) increase visibility from various directions
- 8 Different flashing patterns and adjustable duty cycle
- Adjustable flashing speed

Backup battery available for continuous lighting application

SAQ series also includes all features of the BAQ plus:

- 10 Vertical LED strips (54 LEDs total)
- Built-in 100dB siren (programmable)

Specifications

Model	SL-1301-EAQ	SL-1301-BAQ	SL-1301-SAQ
# Of flash patterns	1	8	8
Flashing speed	120 times/min	Adjustable 80~260 times/min	
Vertical LED strips	0	5	10
Total # of LEDs	6	32	54
Backup battery	No	Yes	
Operating temperature	-4°~144° F (-20°~65° C)		
Electrical protection	Reverse polarity protected		
Built-in siren	No		Yes (100dB)
IP rating	IP64	IP66	IP55

Ordering Information

Color	SL-1301-EAQ (6 LED)	SL-1301-BAQ (32 LED)	SL-1301-SAQ (54 LED)
Amber	SL-1301-EAQ/A	SL-1301-BAQ/A	SL-1301-SAQ/A
Blue	SL-1301-EAQ/B	SL-1301-BAQ/B	SL-1301-SAQ/B
Clear	SL-1301-EAQ/C	SL-1301-BAQ/C	SL-1301-SAQ/C
Green	SL-1301-EAQ/G	SL-1301-BAQ/G	SL-1301-SAQ/G
Red	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R

Model Numbers

SL-1301-EAQ
6 LEDs, 9~15 VDC

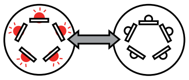
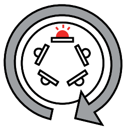
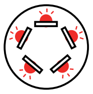
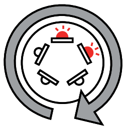
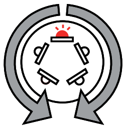
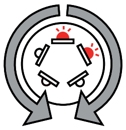
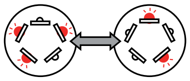
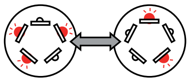
SL-1301-BAQ
32 LEDs, 9~24 VAC/VDC

SL-1301-SAQ
54 LEDs, 9~24 VAC/VDC, siren

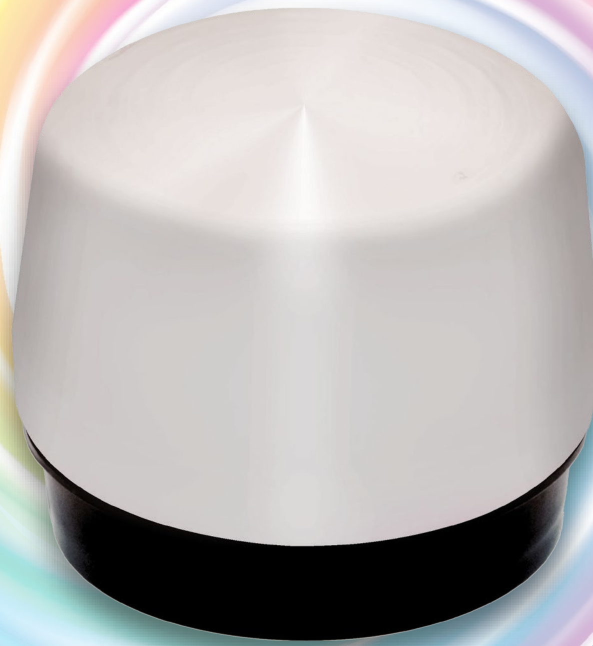
Flashing Patterns

Regular Duty Cycle
LED on one-half / off one-half of each cycle (default)
(DIP Switch #4 ON, only effective for flash patterns 1, 2, and 5)

One-Eighth Duty Cycle
LED on one-eighth / off seven-eighths of each cycle
(DIP Switch #4 OFF, only effective for flash patterns 1, 2, and 5)

Description	Top View
Strobe LEDs flash on and off continuously. (default) (DIP Switch #4 controls the duty cycle)	
Rotate Clockwise Light rotates clockwise in a circular fashion continuously. (Beacon) (DIP Switch #4 controls the duty cycle)	
Steady ON All LEDs stay on. Ideal for continuous lighting applications	
Flash with Progressive ON LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off	
Rotate Back and Forth LED groups light up one at a time clockwise then counterclockwise. (DIP Switch #4 controls the duty cycle)	
Flash with Progressive ON/OFF LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise	
Opposite Quarters Flashing Continuously LEDs in opposite quarters flash alternately, repeating continuously	
Opposite Quarters Flashing with Pause LEDs in opposite quarters flash alternately for 8 cycles, pause for 2 cycles, and then repeat the pattern	

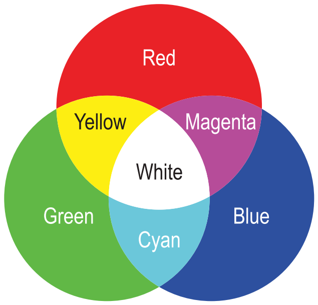
ALL THE COLORS OF THE RAINBOW



Multi-Color LED Strobe

SL-3301-BAQ

- Use one strobe light to indicate multiple conditions. For example, at a checkout counter: RED = lane closed; GREEN = lane open; BLUE = help needed
- Set color via DIP switches or trigger colors with an external device via 3 trigger input wires
- 5 Vertical LED Strips (25 LEDs) increase visibility from various directions
- Adjustable strobe speed, 60~260 flashes/min
- Operating life of over 50,000 hours (over 5.7 years)
- IP66 for outdoor use



7 Colors possible
Red, green, blue, cyan, magenta, yellow, and white

Tel: (800) 662-0800 **Email:** sales@seco-larm.com
Fax: (949) 261-7326 **Website:** www.seco-larm.com

SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI®

SECO-LARM®
Manufacturer of ENFORCER®

Multi-Color LED Strobe Light

LED

7 Colors

Over 50,000 hour lifespan

Features

- 7 Colors possible – Red, green, blue, cyan, magenta, yellow, and white
- Operating life of over 50,000 hours (over 5.7 years)
- Simple 2- to 5-wire installation
- Set color via DIP switches, or trigger colors with an external device via 3 trigger input wires
- Utilizes high-intensity LEDs
- 5 Vertical LED strips (25 LEDs total) increase visibility from various directions
- Adjustable strobe speed, 30~100 times/min
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Weather resistant – IP66

Specifications

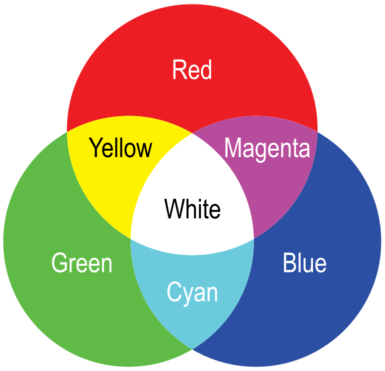
Vertical LED strips		**5**
Total number of LEDs		25
Possible colors		Red, green, blue, cyan, magenta, yellow, white
Operating voltage		9~24 VAC/VDC
Current draw @12VDC (max.)	Strobe	350mA
	Steady ON	350mA
Adjustable strobe speed	Maximum setting	100 times/min
	Minimum setting	30 times/min
Operating life		Over 50,000 hours (over 5.7 years)
Operating temperature		-4°~144° F (-20°~65° C)
Electrical protection		Reverse polarity protected
IP rating		IP66
Base		High-impact resistant black ABS
Lens		High-impact heat-resistant acrylic
Dimensions		3$^{15}/_{16}$"x2$^{29}/_{32}$" (100x76 mm)

Model Numbers

NEW

SL-3301-BAQ
25 LEDs, 9~24 VAC/VDC

7 Colors possible



Accessories

SL-126LQ/WD
Replacement white diffuser Lens

SL-1901-DAQ
Conduit drop bracket, can be used with SL-1901-JAQ

SL-1901-JAQ
Conduit box bracket, can be used with SL-1901-DAQ

Optional Conduit Mounting Brackets

- The conduit box and conduit drop bracket are interchangeable
- Compatible with all SL-126, SL-1301 and SL-3301 Series strobe lights

Conduit drop bracket only

Conduit box only

Conduit drop bracket with conduit box

Mini Strobe Sirens

LED

Features

- Synchronized piezo siren and long operating life LED
- Use single-gang box or surface-mount
- High-impact plastic casing and weatherproof design
- Simple 2-wire connection
- Alarm siren sound is 110dB@1ft (30cm)
- Operating voltage: 6~15 VDC
- Current draw: 90mA@12VDC

Model Numbers

SL-1312-SA/B	*Blue lens*
SL-1312-SA/R	*Red lens*

Specifications

Model	SL-1312-SA/R	SL-1312-SA/B
Lens Color	Red	Blue
Built-in siren	Piezo	
Sound level	110dB@1ft (30cm) at 12VDC	
Operating voltage	6~15 VDC	
Current draw (max)	90mA@12VDC	
Connections	Red to positive Black to negative	
Dimensions	2$^{15}/_{16}$"x4$^{7}/_{8}$"x1$^{7}/_{8}$" (74x123x50 mm)	

Self-Contained Siren/Strobe

Features

* Replace "X " with the first character of the lens color

- 9~15 VDC, low current draw
- 120dB Warble-tone siren, 25W Speaker
- Audio input can be used for broadcast
- Built-in tamper alarm output
- Weatherproof for outdoor/indoor use, IP65

In addition to the above, SH-816S-SQ adds:

- Bright xenon tube strobe light
- Strobe can be triggered separate from siren
- Strobe available in amber, clear, blue, or red

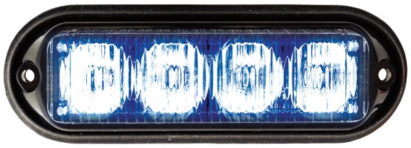
Model Numbers

SH-816S-BQ	*Siren with Audio Input*	NEW
SH-816S-SQ/X*	*Siren and Strobe with Audio Input*	NEW

Specifications

Model	SH-816S-BQ	SH-816S-SQ
Type	Siren	Siren/Strobe
Operating voltage	9~15 VDC	
Siren volume	120dB	
Tamper output	100mA@30 VAC/VDC	
IP Rating	IP65	
Operating temperature	-4°~131° F (-20°~55° C)	
Dimensions	6$^{1}/_{8}$"x4$^{15}/_{16}$"x4$^{1}/_{2}$" (155x126x115 mm)	6$^{1}/_{8}$"x7"x4$^{1}/_{2}$" (155x178x115 mm)
Weight	1-lb 13-oz (812g)	2-lb 2-oz (957g)

High-Intensity LED Strobe Light



LED

Features

- Weatherproof (IP66) and vibration resistant for indoor and outdoor use
- Surface or flush mount
- Up to 15 units can be synchronized to flash simultaneously or alternately
- 19 Built-in programmable flash patterns
- Operation life of over 100,000 hours
- Operating voltage: 10~30 VDC

Model Number

SL-1311-MA/B	*Blue*

Specifications

# of LEDs	4 High-intensity 1W LEDs
Maximum current draw	560mA@12VDC 300mA@24VDC
Operating voltage	10~30 VDC
Operating life	LEDs rated at 100,000 hours (>11 years)
# of flash patterns	19 (Programmable)
IP Rating	IP66
Operating temperature	-22°~150° F (-30°~65° C)
Weight	5-oz (142g)
Dimensions	4$^{1}/_{2}$"x1$^{5}/_{16}$"x1" (114x32x25 mm)

Alarm Control Panel

Model Number

ENFORCER 295

Five separate zone inputs, Five zone shunting switches, Three adjustable timers, Nine status LEDs, Two alert signals, Four outputs

Features

- 5 Separate zone inputs
  - N.O. or N.C. (selectable) Instant zone with exit delay
  - N.C. Instant zone with exit delay
  - N.C. Delay zone with entry and exit delays
  - N.O. 24-Hour panic zone with no entry and exit delays
  - N.C. 24-Hour tamper zone instant trigger no delay
- Works on 16 VAC/VDC with back-up battery input
- 2 Alert signals for entry and exit delay
- 9 Status LEDs
- 3 Adjustable timers
  - Adjustable entry delay timer (1~45 s)
  - Adjustable exit delay timer (1~45 s)
  - Adjustable alarm duration timer (3s to 20min)
- Patented Automatic Extended Exit Delay (AEED): Opening a switch/sensor connected to an exit delay zone before the exit delay elapses automatically extends the exit delay for as long as the switch/sensor remains open
- Dry relay contact panic output (COM - N.O.): Relay contacts close when the panic zone is activated
- Phase-II continual protection: To assure continuous protection, any input that remains triggered after the alarm duration has elapsed will shut down. All other inputs will remain armed
- All 9 status LEDs visible when cabinet is closed
- Positive voltage (3A) relay alarm output: Powers signaling devices like a siren, bell, dialer, etc.
- Regulated power supply and recharger
- Heavy-duty, beige-colored steel cabinet;
- Dimensions: 8½"x3⅛"x11⁷⁄₁₆" (215x79x290 mm)

Audio Discriminator

PATENTED

Model Number

ENFORCER 190

Range: Up to 45ft (14m) front, Up to 25ft (8m) sides

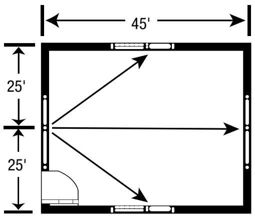
Features

- Eliminates the need for unsightly individual detectors on each pane of glass
- Detects the high-frequency sound of glass breaking
- Patented yellow turbulence LED allows quick and simple sensitivity adjustment without having to use a test meter
- Red LED shows alarm output status
- Wide detection radius
  - 25ft (8m) if ceiling-mounted
  - 45ft (14m) if wall-mounted
- Equipped with an N.C. tamper circuit to protect against opening or breaking the case
- Installs without RF-shielded cable
- Compact size and attractive appearance allows for discreet installations anywhere

LEDs Make the Difference

LED Color	Function
Yellow	Indicates whether environmental noise is too high, reducing the likelihood of false alarms
Red	Indicates whether the sensor has been triggered and is sending a signal to the alarm

Protection Pattern



Siren and Buzzers

Model Numbers

SH-504Q	*Miniature buzzer, plate/surface mount*
SH-506Q	*Miniature buzzer, surface mount*

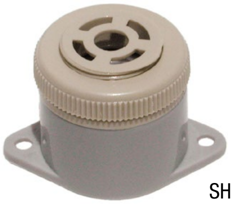
Features

SH-504Q:

- Miniature 91dB electronic buzzer
- 3~18 VDC Operation
- Surface mount or mount in ¾" (19mm)"D' hole of alarm panel or remote plate
- Low current drain of 35mA@12VDC

SH-506Q:

- Miniature 93dB electronic buzzer
- 3~28 VDC, surface mount
- Low current drain of 35mA@12VDC



SH-504Q

SH-506Q

Wall & Flush-Mount Sirens and Speaker

Model Number

SH-525SQ	*Dual-tone wall siren*
SH-512BQ	*Single-tone chime*
SH-532BQ	*Multi-tone electronic chime*
SH-905SQ	*Wall speaker*

SH-512BQ & SH-532BQ

SH-525SQ / SH-905SQ

Features

SH-525SQ	SH-512BQ	SH-532BQ	SH-905SQ
100dB/1m@12VDC	105dB/1m@12VDC	80~88 dB, adjustable	6~8 Ohms
6~14 VDC Operation	10~30 VDC Operation	12~24 VDC Operation	15W
Current draw: 550mA@12VDC	Current draw: 10mA@12VDC	Current draw: 130mA@12VDC	450~6000 Hz Frequency

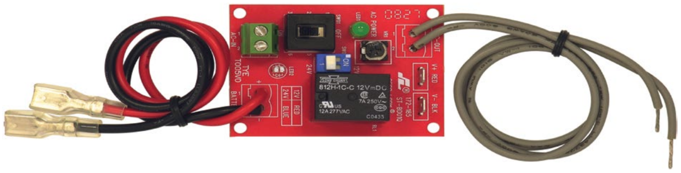
Low-Voltage Battery Cut-Off

Model Number

ST-BD01Q	*Low-Voltage Battery Cut-Off*

Specifications

Relay contact rating		7A@30VDC
LED indicators	AC	Green
	DC	Red: 12VDC
		Blue: 24VDC
Connections	AC input	Terminal block
	AC output	Gray wire leads
	DC	Quick-connect terminal (battery side)
		On-board male spade terminal



Features

- Selectable input 12/24 VDC
- Adjustable voltage cut-off and restore point
- Master On/Off switch
- Green LED AC power indicator
- Dual-color DC LED indicator
- Includes battery leads and double-sided tape

Switches and Buttons

Tamper Switches

SS-072Q	*For normally closed tamper circuits*
SS-073Q	*For normally open tamper circuits*

- For drawers and alarm boxes
- Silver-plated contacts
- High-impact plastic case
- Screw terminals
- Rated 0.5A@24VDC

SECURITY UL LISTED

Toggle Switch

SS-076Q/SW	*Snow-white toggle switch*

- SPST Toggle switch rated 3A@125VDC
- Attractive plastic case with two screw holes
- Pre-wired 6" (15cm) leads

Momentary Pushbuttons

SS-032Q/RD	*Red N.O. Button*
SS-033Q/BK	*Black N.C. Button*

- Fits ½" (13mm) hole
- Rated 1A@12VDC

ENFORCER
SS-032RD

SS-032Q/RD

ENFORCER
SS-033BK

SS-033Q/BK

Momentary Pushbutton

SS-074Q/BG	*N.O. Push-to-close operation*

- N.O. (Push-to-close) Operation
- Double-button operation virtually eliminates accidental triggering
- Sturdy metal case, silver-plate SPST contacts, pre-wired for quick installation
- Rated 1A@25VDC

Holdup Buttons

SS-077Q	*N.C. Push-to-open operation*
SS-078Q	*N.O. Push-to-close operation*
SS-078-KEYQ	*Spare key for SS-077Q and SS-078Q*

- Latching pushbutton, flag shows when pressed
- High-impact ABS case, stainless steel cover
- SPST Switch rated 1A@12VDC
- Two reset keys included

Vibration/Shock Sensors

SS-040Q/BR	*N.C., Brown*
SS-040Q/W	*N.C., White*

- Detects shock to window glass, walls, or ceilings
- Gold-plated contacts for longer life and reliability
- Built-in tamper switch for complete security
- Adjustable from 1~50 g
- 1A@50VDC
- Size: 2⅜"x13/16"x⅝" (60x21x15 mm)

ENFORCER
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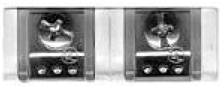
Foil connection block

SS-202Q

SECURITY UL LISTED



Emergency Pushbuttons

SS-075Q	*N.O. "Emergency" button*
SS-075CQ	*NO/NC "Emergency" button*
SS-075C-PEQ	*NO/NC Emergency button kit*

- SPST Contact rated 0.5A@12VDC
- Screw terminals for easy installation
- Large button with printed message on faceplate

SS-075C-PEQ Only

- Includes three stick-on labels ("PUSH TO EXIT", "PRESIONE PARA SALIR", 'EMERGENCY")
- SPST Switch rated 1A@12VDC

ENFORCER
PUSH
TO
EXIT
ENFORCER
EMERGENCY
ENFORCER
PRESIONE
PARA
SALIR

Open-Frame Transformers

ST-UV16-W100Q

Model Numbers

ST-UV16-W50Q
16VAC, 50VA

ST-UV24-W50Q
24VAC, 50VA

ST-UV16-W100Q
16VAC, 100VA

ST-UVDA-W100Q
24/28 VAC, 100VA

ST-UVDA-W180Q
24/28 VAC, 180VA

Features

- Dual-voltage input: 120/240 VAC, 50/60 Hz
- Works with all SECO-LARM power supplies and chargers
- Shielded windings reduce electromagnetic interference

Specifications

Model	ST-UV16-W50Q	ST-UV24-W50Q	ST-UV16-W100Q	ST-UVDA-W100Q		ST-UVDA-W180Q	
Output voltage	16VAC	24VAC	16VAC	24VAC	28VAC	24VAC	28VAC
Current	3.12A	2.08A	6.25A	4.16A	3.57A	7.50A	6.43A
VA	50VA		100VA			180VA	
Input voltage	120/240 VAC, 50/60 Hz						

Power Adapters

ST-UV12-S1.0Q

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LISTED

ST-UV12-S2.0Q

ST-UV12-S5.0Q

Model Numbers

ST-UV12-S1.0Q
1 Amp

ST-UV12-S2.0Q
2 Amps

ST-UV12-S5.0Q
5 Amps

Fits Easily with Power Strip

Features

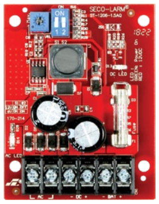
ST-UV12-S1.0Q, and ST-UV12-S2.0Q Only:

- Sideways plug for easy use on power strips
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Low current drain

ST-UV12-S5.0Q Only:

- Convert AC input power to low-voltage DC output power
- LED Power indicator
- Universal 100~240 VAC input
- Regulated 12VDC output
- 6ft (1.8m) Cord with 2.1mm plug (positive center)
- Includes AC power cord (IEC320-C13)
- Low current drain

Power Supply Chargers

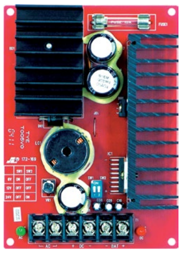

ST-1206-1.5AQ

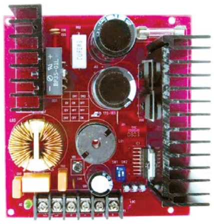
ST-2406-2AQ

ST-2406-3AQ

ST-2406-3AEQ

ST-2406-5AQ


ST-2406-7AQ


ST-2406-10AQ

Model Numbers

ST-1206-1.5AQ
1.5A Continuous, 6/12 VDC

ST-2406-2AQ
1.5A Continuous, 6/12/24 VDC

ST-2406-3AQ
2.5A Continuous, 6/12/24 VDC

ST-2406-3AEQ
Same as ST-2406-3AQ but with enclosure, 10"x7 ¾"x3 ½" (254x196x89 mm)

ST-2406-5AQ
4A Continuous, 6/12/24 VDC

ST-2406-7AQ
7A Continuous, 6/12/24 VDC

ST-2406-10AQ
9A Continuous, 6/12/24 VDC

Features

- Convert low-voltage AC input power to low-voltage DC output power
- Automatic recharging of backup batteries
- Automatic switchover to backup battery if main power is lost or cut
- Built-in battery short-circuit protection
- Compatible with lead-acid or gel-type rechargeable batteries
- Thermal protection and compensation
- Two LEDs indicate AC power input and DC power output status
- Programmable DC voltage output
- Regulated and filtered output voltage
- Fused output for a regulated charge
- Reverse polarity protection
- Includes foam tape and battery leads for easy installation

ST-1206-1.5AQ / ST-2406-2AQ / ST 2406-3AQ

- High efficiency at full load
- Heat sink free design

ST-2406-3AQ

- Low-battery cutoff

Open-Frame Transformers

SECO-LARM offers a full line of Open-Frame Transformers.

See page 104 for details

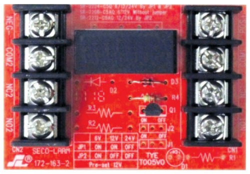
Specifications

Model		ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
Output voltage		6/12 VDC	6/12/24 VDC				
Current	Continuous	1.5A	1.5A	2.5A	4A	7A	9A
	Peak	2A		3A	5A	7.5A	10A
Current Output (Maximum Charge)	6V	100mA					
	12V	220mA					
	24V	N/A	450mA				
Dimensions		2 1/8"x2 3/4"x1 3/16" (54x70x30 mm)	2 7/8"x2 1/2"x1 3/8" (73x64x35 mm)	2 7/8"x2 7/8"x1 3/8" (73x73x35 mm)	3 3/4"x2 7/8"x1 9/16" (95x73x40 mm)	5 1/2"x5 1/8"x2 13/16" (140x130x55 mm)	

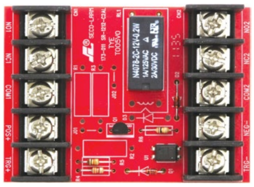
Transformer Selection Table

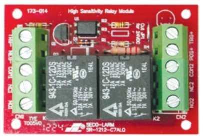
Output voltage	ST-1206-1.5AQ	ST-2406-2AQ	ST-2406-3AQ	ST-2406-5AQ	ST-2406-7AQ	ST-2406-10AQ
6VDC	12VAC/20VA	12VAC/20VA	**ST-UV16-W50Q** 16VAC/50VA	**ST-UV16-W100Q** 16VAC/100VA	**ST-UVDA-W180Q** 24~28 VAC/180VA	
12VDC	**ST-UV16-W50Q** 16VAC/50VA		**ST-UVDA-W100Q** 24~28 VAC/100VA	**ST-UV16-W100Q** 16VAC/100VA	**ST-UVDA-W180Q** 24~28 VAC/180VA	
24VDC	N/A	**ST-UV24-W50Q** 24VAC/50VA	**ST-UVDA-W100Q** 24~28 VAC/100VA	**ST-UVDA-W180Q** 24~28 VAC/180VA	24~28 VAC/210VA	28VAC/350VA

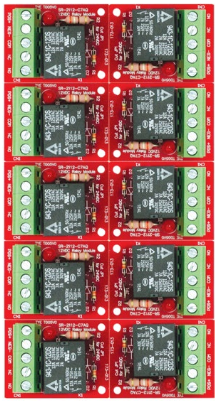
Relay Modules


SR-2206-C5AQ

SR-2212-C5AQ


SR-1212-C2ALQ


SR-1212-C7ALQ


SR-2112-C7AQ/10

Model Numbers

SR-2206-C5AQ
Heavy-duty, 6/12 VDC supply, 6/12 VDC trigger, 5A, DPDT

SR-2212-C5AQ
Heavy-duty, 12/24 VDC supply, 12/24 VDC trigger, 5A, DPDT

SR-1212-C2ALQ
Low-current, high-sensitivity, 12/24 VDC supply, 3~24 VDC trigger, 2A, DPDT

SR-1212-C7ALQ
Heavy-duty, high-sensitivity, 12/24 VDC supply, 3~24 VDC trigger, 7A, Dual SPDT

SR-2112-C7AQ/10
12/24 VDC Supply, 12/24 VDC trigger, 7A, SPDT, sold in pack of 10

Features

- Relay modules for any application where relays are required
- Easy installation
- Easily fits inside alarm panel enclosures
- Screw terminals allow easy installation without soldering or other time consuming connections
- A wide selection of relay modules available: Single or dual relays, low-current or heavy-duty operation, and high-sensitivity or normal sensitivity

SR-2112-C7AQ/10 Only:

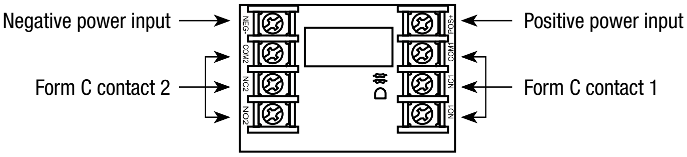
- Ships with 10 relay modules on a board
- Each module easily snaps off for individual use

Specifications

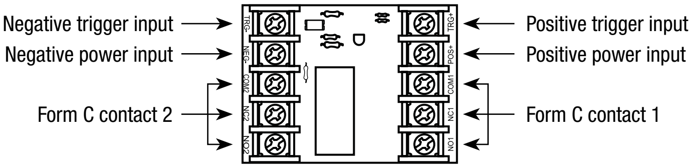
Model	SR-2206-C5AQ	SR-2212-C5AQ	SR-1212-C2ALQ	SR-1212-C7ALQ	SR-2112-C7AQ/10
Supply voltage	6/12 VDC	12/24 VDC			
Trigger voltage	6/12 VDC	12/24 VDC	3~24 VDC		12/24 VDC
Voltage selection	Auto-sensing	Jumper	Auto-sensing	Jumper	
Relay type	DPDT			SPDT	
Relay rating	5A		2A	7A	
Number of relays	1			2	1
Current draw	70mA@6VDC 80mA@12VDC	70mA@12/24VDC	15mA@12VDC 18mA@24VDC	60mA@ 12/24VDC	35mA@12VDC 40mA@24VDC
Dimensions	2¾"x1⅞"x¾" (70x48x20 mm)		2¾"x1¹⁵⁄₁₆"x¾" (70x50x20 mm)	2⅜"x1⁹⁄₁₆"x¾" (60x40x20 mm)	1⁹⁄₁₆"x1³⁄₁₆"x¾" (40x30x20 mm)

Installation Overview

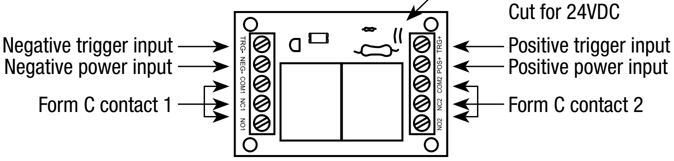
SR-2206-C5AQ/SR-2212-C5AQ


Negative power input
Form C contact 2
Positive power input
Form C contact 1
NEG-
COM2
NC2
NO2
POS+
COM1
NC1
NO1

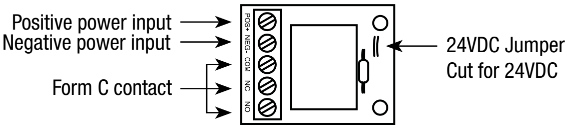
SR-1212-C2ALQ


Negative trigger input
Negative power input
Form C contact 2
Positive trigger input
Positive power input
Form C contact 1
TRG-
NEG-
COM2
NC2
NO2
TRG+
POS+
COM1
NC1
NO1

SR-1212-C7ALQ


24VDC Jumper
Cut for 24VDC
Negative trigger input
Negative power input
Form C contact 1
Positive trigger input
Positive power input
Form C contact 2
TRG-
NEG-
COM1
NC1
NO1
TRG+
POS+
COM2
NC2
NO2

SR-2112-C7AQ/10


Positive power input
Negative power input
Form C contact
24VDC Jumper
Cut for 24VDC
POS+
NEG-
COM
NC
NO

Programmable Timer

Model Number

SA-025Q
Multipurpose timer with case

TRG
—
+
NO COM NC
RELAY

Features

- Can be triggered via N.O. positive (+) trigger, N.C. negative (-) trigger, or by powering up the unit
- Relay can be programmed to activate at the start or at the end of the timing cycle
- Built-in reset function to manually reset timing cycle
- Timer can be set from 1 sec to 60 min
- Form C relay, contacts rated 8A@120VAC/24VDC
- Programmable for pulse (flash) activation
- Relay can also be set to activate for one second at the end of the timing cycle
- LED indicates relay is energized
- 12/24 VDC Operation (auto-sensing)
- Current: 1mA (standby), 50mA (active)
- Board measures 2⅞"x2½" (73x63 mm)
- Functions programmed via DIP switches – no jumpers to cut

Mini Programmable Timer

Model Number

SA-026Q
Mini programmable timer

SECO-LARM
SA-026
Adjustable from 1 to 60 Sec
GOOD SKY
UA-SH-109D
9VDC
Connection Diagram on Back of PCB

Features

- Adjustable timer from 1~180 seconds via an onboard potentiometer
- Compact design: $1^{3}/_{16}$"x$2^{9}/_{32}$"x$^{5}/_{8}$" (30x58x16 mm)
- NO/NC Switch trigger
- 12~24 VAC/VDC Operation
- Relay output: Form C (SPDT) via terminal blocks
- Current: 2mA (standby), 75mA (active)
- Contacts rated 3A@24VDC
- Built-in buzzer output (100mA@24VDC)
- Includes double-sided foam tape

Also Available from SECO-LARM®

SA-025EQ
Delayed Egress Timer
See page 50

SA-025MQ
Multi-Function Timer/Counter
See page 50

POWER
RELAY
SECO-LARM
18:00
MODE
SET
ENTER
UP
RESET
DOWN
ENFORCER
SA-027WQ
7-Day Timer

SA-027WQ
7-Day Timer
See page 51

POWER
01/01/20
WE 00 00
SET
UP
ENTER
DOWN
ENFORCER
SA-027HQ
Annual Timer

SA-027HQ
365-Day Annual Timer
See page 51

Surface Mount Magnetic Contacts

SM-200Q/BR *Brown, closed loop* | SM-200Q/W *White, closed loop*

- Standard surface mount
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw terminals for quick installation
- Includes terminal cover
- For closed loop circuits
- ¾" (19mm) Gap
- Dimensions: 2½"x⁹⁄₁₆"x½" (63x14x13 mm)

SM-300Q/BR *Brown, open loop* | SM-300Q/W *White, open loop*

- Standard surface mount
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw terminals for quick installation
- Includes terminal cover
- For open loop circuits
- ½" (13mm) Gap
- Dimensions: 2½"x⁹⁄₁₆"x½" (63x14x13 mm)

SM-216Q/BR *Brown, closed loop* | SM-216Q/GY *Gray, closed loop*

- Wide-gap surface mount contact for loose-fitting doors and windows
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw terminals for quick installation
- Includes spacers
- For closed loop circuits
- 2¾" (70mm) Gap
- Dimensions 3¹⁵⁄₁₆"x½"x⁹⁄₁₆" (100x13x14 mm)

SECO-LARM®
SECO-LARM®

SM-217Q/W *White, closed loop*

- Miniature wide-gap surface mount for loose-fitting doors and windows
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw terminals for quick installation
- Wide gap, yet contact is no longer than conventional surface type
- For closed loop circuits
- 2" (51mm) Gap
- Dimensions: 2½"x⁹⁄₁₆"x½" (63.5x14x13 mm)

ENFORCER®
ENFORCER®

SM-433-TQ/B *Brown, closed loop* | SM-433-TQ/W *White, closed loop*

- Surface mount contact
- Gold-plated terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Screw-mount (mounting screws included)
- Cover hides mounting screws, terminal block, and wires
- For closed loop circuits
- 1¼" (31mm) Gap
- Dimensions: 2"x⁹⁄₁₆"x½" (51x14x13 mm)

Self-Stick Magnetic Contacts

SECURITY
UL
LISTED

SM-431-TQ/B *Brown, closed loop*

- Miniature surface mount
- Gold-plated screw terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and a longer expected life

SM-431-TQ/W *White, closed loop*

- Quick-connect terminals
- For closed loop circuits
- Screw-mount using side flanges, or adhesive mounting (mounting screws and double-sided tape included)
- 1" (25mm) Gap
- Dimensions: 2"x⅜"x¼" (51x10x6 mm)

SECURITY
UL
LISTED

SM-4003-TQ/W *White, closed loop*

- Miniature surface mount
- Gold-plated terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Adhesive mount (double-sided tape included)
- Quick-connect terminals
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1½"x⅜"x¼" (38x10x7 mm)

SECURITY
UL
LISTED

SECO-LARM
SECO-LARM

SM-204Q/BR *Brown, closed loop*

- Miniature "flange-type" surface mount
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw-mount using flanges, or adhesive mounting (double-sided tape included)
- SM-204MQ/BR – Additional magnet available

SM-204Q/W *White, closed loop*

- Flange breaks off for extra miniature size
- 15" (38cm) Leads extend from center
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1⅜"x⅜"x¼" (35x10x6 mm)
- SM-204MQ/W – Additional magnet available

SECURITY
UL
LISTED

SECO-LARM
SECO-LARM

SM-205Q/BR *Brown, closed loop*

- Miniature "flange-type" surface mount
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Screw-mount using flanges, or adhesive mounting (double-sided tape included)
- SM-204MQ/BR – Additional magnet available

SM-205Q/W *White, closed loop*

- Flange breaks off for extra miniature size
- 15" (38cm) Leads extend from side
- For closed loop circuits
- ¾" (19mm) Gap
- Dimensions: 1⅜"x⅜"x¼" (35x10x6 mm)
- SM-204MQ/W – Additional magnet available

SM-4004-TQ/W *White, closed loop, Terminals*

- Miniature "capsule-type" surface mount
- Gold-plated external screw terminals for longer expected life and reliability with tape to cover terminals
- Quick-connect terminals
- Adhesive mounting (double-sided tape included)
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and a longer expected life
- For closed loop circuits
- 1" (25mm) Gap
- Dimensions: 1"x⅜"x¼" (25x10x7 mm)

ENFORCER
SM-4004-LQ

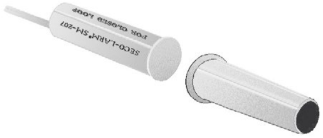
SM-4004-LQ/W *White, closed loop, 18" (46cm) wire leads*

- Miniature "capsule-type" surface mount
- Adhesive mounting (double-sided tape included)
- 18" (46cm) wire leads
- For closed loop circuits
- Contact reed switch is SPST, ruthenium on gold underplating for a longer expected life
- ¾" (19mm) Gap
- Dimensions: 1"x⅜"x¼" (25x10x7 mm)

Recessed-Mount Magnetic Contacts

SM-206Q/BR *Brown, closed loop* | **SM-206Q/W** *White, closed loop*

- ¼" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- 15" (38cm) Wire leads
- Unique glue/epoxy compound protects reed switch
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: 1¼"x"¼" (32x6 mm)



SM-207Q/BR *Brown, closed loop* | **SM-207Q/W** *White, closed loop*

- ⅜" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- 15" (38 cm) Wire leads
- For closed loop circuits
- Unique glue/epoxy compound protects reed switch
- Switch and magnet have ribs for securing in holes
- 1" (25mm) Gap
- Switch dimensions: 1⅜"x7⁄16"x⅜" (35x11x10 mm)

SM-207-5Q/BR *Brown, closed loop* | **SM-207-5Q/W** *White, closed loop*

- ⅜" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Unique glue/epoxy compound protects reed switch
- 15" (38 cm) Wire leads
- Switch and magnet have ribs for securing in holes
- For closed loop circuits
- ⅜" (10mm) Gap
- Switch dimensions: ¾"x7⁄16"x⅜" (19x11x10 mm)

SM-207-5LQ/W *White, closed loop* | **SM-207-5LQ/BR** *Brown, closed loop*

- ⅜" Press fit
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Unique glue/epoxy compound protects reed switch
- 15" (38 cm) Wire leads
- Switch and magnet have ribs for securing in holes
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: ¾"x7⁄16"x⅜" (19x11x10 mm)

SM-407-5TQ/W *White, closed loop*

- ⅜" Press-fit with stubby magnet
- Gold-plated terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Switch and magnet have ribs for securing in holes
- Quick-connect terminals
- For closed loop circuits
- ¾" (19mm) Gap
- Switch dimensions: 1⅛"x7⁄16"x⅜" (28x11x10 mm)

SM-4102-TQ/W *White, closed loop*

- ⅜" Press fit
- Gold-plated terminals for longer expected life and reliability
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Switch and magnet have ribs for securing in holes
- Quick-connect terminals
- For closed loop circuits
- 1" (25mm) Gap
- Switch dimensions: 1⅛"x7⁄16"x⅜" (28x11x10 mm)

Recessed-Mount Magnetic Contacts

SM-4104-TQ
SECO-LARM

SM-4103-TQ/W *White, closed loop*

- ⅜" Press-fit with 1" (25mm) switch
- Gold-plated terminals for longer expected life and reliability
- Rare-earth magnet with nickel plating to protect against chipping and corrosion
- Quick-connect terminals
- Contact reed switch is SPST, ruthenium on gold underplating for a longer expected life
- For closed loop circuits
- ½" (12mm) Gap
- Switch dimensions: 15/16"x7⁄16"x⅜" (24x11x10 mm)

SM-4104-LQ
SECO-LARM

SM-4103-LQ/W *White, closed loop*

- ⅜" Press-fit with ¾" (19mm) switch
- Gold-plated terminals for longer expected life and reliability
- Rare-earth magnet with nickel plating to protect against chipping and corrosion
- 18" (46cm) Wire leads
- Contact reed switch is SPST, ruthenium on gold underplating for a longer expected life
- For closed loop circuits
- ½" (12mm) Gap
- Switch dimensions: ¾"x7⁄16"x⅜" (19x11x10 mm)

ENFORCER
SM-4103-TQ

SM-4104-TQ/W *White, closed loop*

- ¾" (19mm) Steel-door recessed
- Gold-plated terminals for longer expected life and reliability
- Strong, one-piece construction
- Quick-connect terminals
- For closed loop circuits
- Contact reed switch is SPST, iridium plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- 1" (25mm) Gap (on steel)

SM-4105-LQ/B *Brown, closed loop*

SM-4105-LQ/W *White, closed loop*

- ¾" (19mm) Steel-door recessed
- Gold-plated terminals for longer expected life and reliability
- Strong, one-piece construction
- 18" (46cm) Wire leads
- For closed loop circuits
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- 1" (25mm) Gap (on steel)

Plunger-Type Magnetic Contacts

SM-4301-TQ
SECO-LARM

SM-4301-TQ/W *White, closed loop*

- Push button
- Magnet and reed switch contained in housing
- Quick-connect terminals
- For closed loop circuits
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Plunger travel is ¼" (6mm)

SM-4302-LQ
SECO-LARM
ENFORCER

SM-4302-LQ/W *White, closed loop*

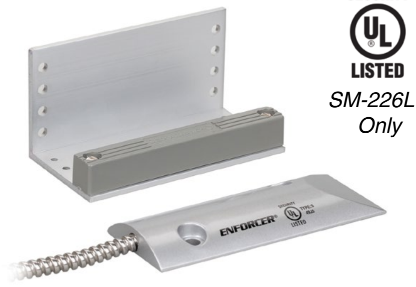
- 360° Rollerball
- Magnet and reed switch contained in housing
- 18" (46cm) Wire leads
- For closed loop circuits
- Contact reed switch is SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Roller travel is ¼" (6mm)

ENFORCER
SM-4303-TQ
SECO-LARM

SM-4303-TQ/W *White, closed loop*

- 360° Rollerball
- Magnet and reed switch contained in housing
- For closed loop circuits
- Contact reed switch is SPST, ruthenium on gold underplating for a longer expected life
- Roller travel is ¼" (6mm)

Specialty Magnetic Contacts



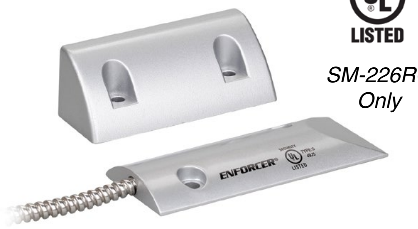
SECURITY UL LISTED
SM-226LQ Only

SM-226LQ *Closed loop*

- Overhead door surface mount
- Contact reed switch is SPST, deactivated rhodium on gold under-plating for a longer expected life
- Switch contained in curved, low-profile, cast-aluminum housing

SM-226L-3Q *Open/Closed loop*

- Magnet in gray ABS plastic case mounted on L-shaped bracket
- 24" (61cm) Wire leads enclosed in stainless steel cable
- 2¾" (70mm) Gap
- Switch dimensions: 4⅜"x1¾"x7⁄16" (111x44x11 mm)



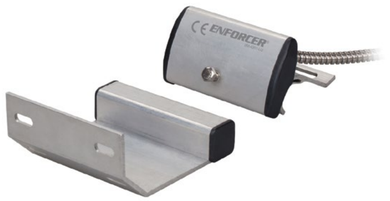
SECURITY UL LISTED
SM-226RQ Only

SM-226RQ *Closed loop*

- Overhead door surface mount
- Contact reed switch is SPST, deactivated rhodium on gold underplating for a longer expected life
- Switch contained in curved, low-profile, cast-aluminum housing

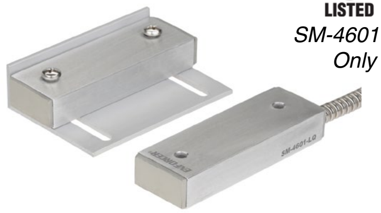
SM-226R-3Q *Open/Closed loop*

- Magnet enclosed in round bracket
- 24" (61cm) Wire leads enclosed in stainless steel cable
- 2¾" (70mm) Gap
- Switch dimensions: 4⅜"x1¾"x7⁄16" (111x44x11 mm)



SM-4201-LQ *Closed loop*

- Industrial, overhead door, track mount
- Rugged aluminum housing
- Contact Type: SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life
- Adjustable to fit most door-channel widths
- 36" (91cm) Wire leads are enclosed in armored cable
- All mounting hardware included
- For closed loop Circuits
- 3" (76mm) Gap
- Switch dimensions: 37⁄32"x317⁄32"x1¾" (82x90x44 mm)



SECURITY c UL us LISTED
SM-4601-LQ Only

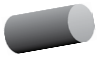
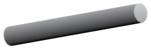
SM-4601-LQ *Closed loop*

- Industrial, wide gap, surface mount
- Rugged aluminum housing
- Contact Type: SPST, iridium-plated to have a high melting point and Vickers hardness for higher power handling and longer expected life

SM-4601-L3Q *Open/Closed loop*

- Weatherproof and sealed for outdoor use
- 36" (91cm) Wire leads are enclosed in armored cable
- 3" (76mm) Gap
- Switch dimensions: 31⁄16"x1"x½" (78x25x13 mm)

Accessories

 **SM-815-63** *Alnico 5 magnet* *⅝" (15mm) Length* *¼" (6.4mm) Diameter*	 **SM-815-95** *Alnico 5 magnet* *⅝" (15mm) Length* *⅜" (9.6mm) Diameter*	 **SM-824-32** *Alnico 5 magnet* *1" (24mm) Length* *1⁄10" (3.2mm) Diameter*	 **SM-831** *Alnico 5 magnet* *1¼" (32mm) Length* *¼" (6.4mm) Diameter*	 **SM-851** *Aluminum "Z" bracket for SM-216Q, SM-226LQ, SM-226-L3Q*

Voice Dialer

ENFORCER
2020-01-01 12-00
REC./PLAY
BATT. LOW
POWER
PROG
HOME
MIC

Features

- Trigger-activated alarm and dialer with user-programmable 20-second alarm message
- 16-Digit large display with date/time and function icons
- 3 Triggers (1 N.C., 2 NO/NC) for multiple zone security
- Call in at any time to listen-in to room, broadcast to room, arm, and disarm dialer
- Listen-in, broadcast messages to room, and/or disarm during dialer call out
- Programmable PIN number and entry delay timing
- Wall mountable
- 5 Programmable emergency telephone numbers (up to 32 digits each)
- Home mode function (acts as a door chime when user is at home)
- Panic button
- Built-in flash memory to protect against system data loss in case of power failure
- 9V battery backup (battery not included)
- DC power input jack (power adapter not included)
- Built-in 105dB alarm (programmable ON/OFF)
- Built-in auxiliary output for external alarm or siren
- Built-in line seizure

Model Number

E-921CPQ
Voice dialer with listen-in

Specifications

Operating voltage		9~12 VDC
Current draw	Standby	5mA
	Dialing	20mA
	Alarm ON	150mA
	Relay ON	50mA
	Speaker ON	250mA
	Total	480mA
Voice message length		Up to 20s
Programmable emergency numbers		5
Backup battery type/life (not included)		9VDC/≈20h
Alarm sound level		≥105dB
Trigger input timer		≥500ms
Aux. output current (max)		125mA
Operating temperature		32~104° F (0~40° C)
Weight		11.15-oz (316g)
Dimensions		6¹¹⁄₁₆"x4¹¹⁄₁₆"x1½" (170x119x38 mm)

Auto Dialer

ENFORCER
POWER
LOW BATT.
2020-01-01 12-00
PROG
PANIC

Features

- 16-Digit large display with date/time and function icons
- 2 (N.C.) Triggers for multiple zone security
- Remote monitoring – user can call in to listen in to room sounds and arm/disarm dialer
- Remotely listen in to room sounds or disarm during call back
- Programmable PIN number and entry delay timing
- 5 Programmable emergency telephone numbers (up to 32 digits each)
- Wall-mountable
- Programmable auto-dialing cycle repeat times
- Home mode function (acts as a door chime when user is at home)
- Panic button
- Built-in flash memory to protect against system data loss in case of power failure
- 9V battery backup (battery not included)
- DC power input jack (3.5mm phone jack, not included)
- Built-in 105dB alarm (programmable ON/OFF)
- Built-in auxiliary output for external alarm or siren

Model Number

E-921APQ
Basic auto dialer

Specifications

Operating voltage		9~12 VDC
Current draw	Standby	5mA
	Dialing	10mA
	Alarm ON	180mA
	Total	310mA
Programmable emergency numbers		5
Backup battery type/life (not included)		9VDC/≈20h
Alarm sound level		≥105dB
Trigger inputs		2x N.C. Triggers
Trigger input timer		≥500ms
Aux. output current (max)		125mA
Operating temperature		32~104° F (0~40° C)
Weight		6.2-oz (175g)
Dimensions		3⅜"x4⁵⁄₁₆"x1⅞" (86x110x47 mm)

GOING TO GREAT LENGTHS TO MEET YOUR HDMI NEEDS

The recently expanded ***ENFORCER***® HDMI product line includes HDMI cables up to 50 feet (15 meters) and HDMI over Cat5e/6 extenders that reach up to 196 feet (60 meters). **SECO-LARM**® has a product to meet your needs, no matter what bumps in the road your HDMI installation gives you.

High-Speed HDMI Cables
MC-1130 Series – Up to 50ft (15m)

4K HDMI Extender over Single Cat5e/6
MVE-AH1E1-41NQ – Up to 164ft (50m)

HDMI Extender over Single Cat5e/6
MVE-AH1E1-01NQ – Up to 164ft (50m)

Long-Range Wireless Extender for HDMI
MVE-AH1W1-01NQ – Up to 656ft (200m)

IR over HDMI Kit
MVE-PN11-01Q

3x1 4K HDMI Switch
MVS-AH31-01NQ

HDMI Extender over Two Wires
MVE-AH1T1-01YQ

HDMI 4K Splitter
MVD-AH14-01Q

SECO-LARM®
Manufacturer of ***ENFORCER***®

Phone: (949) 261-2999 (CA & Int'l)
(800) 662-0800

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4K HDMI Extender over IP

ENFORCER
SECO-LARM
HDMI
OUTPUT
IN
IR
RESET
5VDC
Cat5e/6

MVE-AHMPM-02NQ shown

Features

- Extends 4K HDMI signals up to 393ft (120m) over a single UTP Cat5e/6 cable
- Direct connection point to point units can be connected directly to each other
  - One-to-one: 1 Transmitter to 1 receiver
  - One-to-many: 1 transmitter to multiple receivers using VLAN switches
- HDCP compliant
- With wideband IR (20~60 kHz) control to the source
- Supports TCP/IP protocol
- With mounting ears
- Supports IR signals (IR transmitter and receiver included), allowing remote control from the monitor area

Model Numbers

MVE-AHMPM-02NQ NEW
HDMI over IP Kit
(1 Transmitter and 1 Receiver)

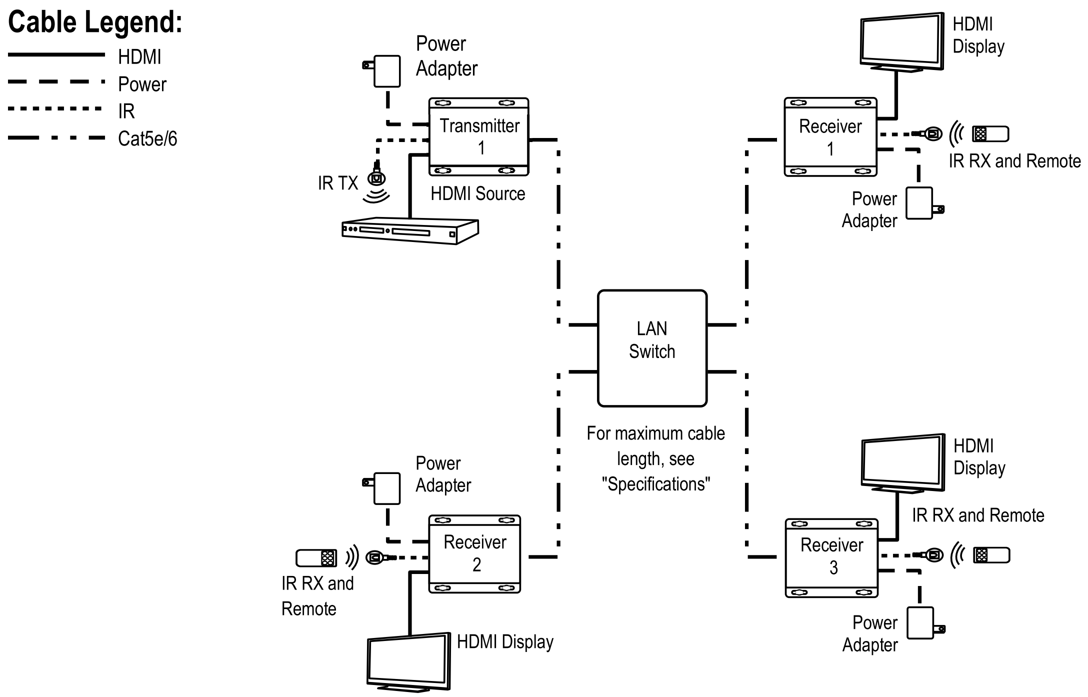
MVE-AHMPM-02NRQ NEW
HDMI over IP - 1 Receiver

Specifications

Maximum video resolution		4K@30Hz
Deep color		24-bit
Video formats supported		DTV/HDTV: 480i, 480p,576i,576p,720p,1080i, 1080p, 4K@30Hz, 4K@60Hz
Range – 4K	Cat5	262ft (80m)
	Cat5e	328ft (100m)
	Cat6	393ft (120m)
IP addressing		Static
IR frequency		20kHz~60kHz
Operating voltage		5VDC
Power supply		2A@5VDC
Operating temperature		32°~140° F (0°~60° C)
Dimensions		$4^{7}/_{16}$"x$2^{1}/_{2}$"x$2^{1}/_{2}$" (112x23x94 mm)
Weight		5.9-oz (170g)

Sample Applications

One-to-Many, Switch/Router:


Cable Legend:
HDMI
Power
IR
Cat5e/6
Power Adapter
Transmitter 1
IR TX
HDMI Source
HDMI Display
Receiver 1
IR RX and Remote
Power Adapter
LAN Switch
For maximum cable length, see "Specifications"
Power Adapter
Receiver 2
IR RX and Remote
HDMI Display
HDMI Display
IR RX and Remote
Receiver 3
Power Adapter

HDMI Extenders over Single Cat5e/6

Model Number

MVE-AH1E1-01NQ

Range: 164ft (50m) at 1080p

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

Single Cat5e/6

1080p Resolution

ENFORCER
Basic HDMI Extender over Cat5e/6
Receiver
Transmitter
SECO-LARM
HDMI Output
HDMI Input
EDID
5VDC
Cat5e/6
IR TX
IR RX

Specifications

Maximum resolution		1080p
Deep color		24bit
Video formats supported		High-speed HDMI, HDCP 1.2
Audio formats supported		LPCM, Dolby-AC3, DTS7.1, DSD
Resolutions supported		1080p/1080i/720p/576p/576i/480p/480i
Range (1080p)	4K@30Hz	NA
	1080p	Up to 164' (50m)
IR Pass-through frequency		30~60 kHz
Operating voltage		5VDC
Power supply		1A@5VDC (2 Adapters) (2.1mm plug)
Operating temperature		32°~104° F (0°~40° C)
Operating humidity		20~90% RH (non-condensing)
Weight		5.3-oz (150g) (each)

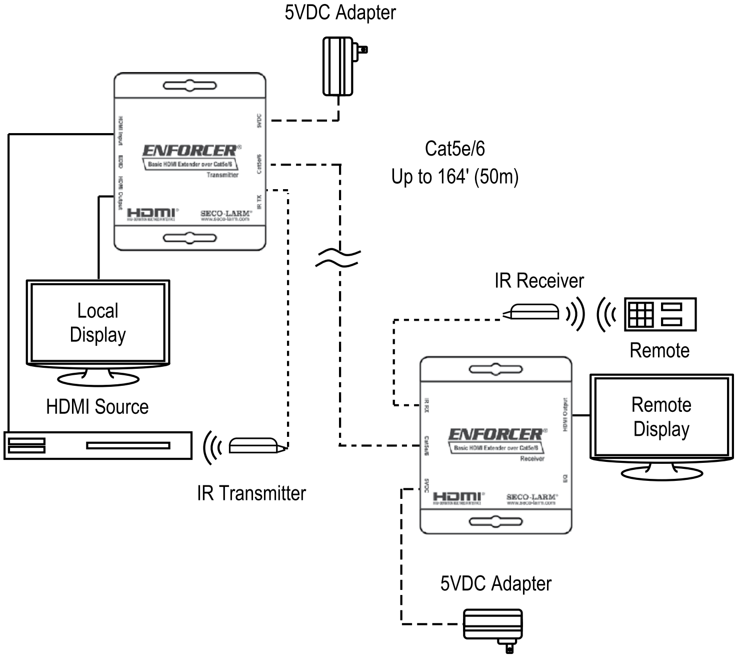
Features

- Extend HDMI over a single Cat5e/6 cable
- The HDMI Extenders over Single Cat5e/6 support both progressive and interlaced formats: from 480i to 1080p
- Plug and Play – The 4K HDMI Extender over Single Cat5e/6 comes as a complete set consisting of a transmitter and receiver, power supply, and IR dongles
- Signal Strength – Active operation ensures that the signal strength will remain strong over the length of the cable
- Zero Signal Loss – Integrated circuits in the transmitter and receiver clean, buffer and amplify the HDMI signal to prevent signal loss and ensure a clear signal regardless of the length of the cable
- IR Pass-Through – Send IR signals from the monitor to the source for discrete operation of devices
- EDID Management – Use Extended Display Identification Data (EDID) management settings to match the display settings to the source device

Sample Applications

Cable Legend:

———— HDMI
– – – – – – Power
- - - - - - - - IR
– - – - – - – Cat5e/6


5VDC Adapter
ENFORCER
Basic HDMI Extender over Cat5e/6
Transmitter
SECO-LARM
Cat5e/6
Up to 164' (50m)
Local
Display
HDMI Source
IR Transmitter
IR Receiver
Remote
Remote
Display
ENFORCER
Receiver
5VDC Adapter

4K HDMI Extenders over Single Cat5e/6

Model Numbers

NEW

MVE-AH1E1-42NQ
Range: 164ft (50m) at 4K@60Hz

MVE-AH1E1-41NQ
Range: 164ft (50m) at 4K@30Hz

ENFORCER
SECO-LARM
HDMI
Cat5e/6
SERVICE
IR IN
12VDC
HDMI OUT
HDMI IN
IR OUT
Transmitter
Receiver

MVE-AH1E1-42NQ Shown

Features

- Extend HDMI over a single Cat5e/6 cable
- The HDMI Extenders over Single Cat5e/6 support both progressive and interlaced formats: from 480i to 1080p
- Plug and Play – The 4K HDMI Extender over Single Cat5e/6 comes as a complete set consisting of a transmitter and receiver, power supply, and IR dongles
- Signal Strength – Active operation ensures that the signal strength will remain strong over the length of the cable
- Supports up to 4K@30Hz
- Includes bi-directional IR (MVE-AH1E1-41NQ only)
- Zero Signal Loss – Integrated circuits in the transmitter and receiver clean, buffer and amplify the HDMI signal to prevent signal loss and ensure a clear signal regardless of the length of the cable
- IR Pass-Through – Send IR signals from the monitor to the source for discrete operation of devices

MVE-AH1E1-42Q only:

- Supports up to 4K@60Hz
- IR from monitor to the source
- Loop out supports a local monitor

Specifications

Model		MVE-AH1E1-41NQ	MVE-AH1E1-42NQ
Maximum resolution		4K@30Hz	4K@60Hz
Deep color		8bit	
Video formats supported		High-speed HDMI, HDCP 2.2	
Audio formats supported		LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, DolbyTrueHD, DTS-HD Master Audio, Dolby Atmos, DTS:X	
Resolutions supported		4K@30Hz/1080p/1080i/720p/576p/576i/480p/480i	4K@60Hz/4K@30Hz/1080p/1080i/720p/576p/576i/480p/480i
Range (1080p)	4K@30Hz	Cat6: Up to 164' (50m)/Cat5e: Up to 82' (25m)	Cat6: Up to 197' (60m)/Cat5e: Up to 164' (50m)
	1080p	Cat6: Up to 196' (60m)/Cat5e: Up to 98' (30m)	Cat6: Up to 230' (70m)/Cat5e: Up to 164' (50m)
IR Pass-through frequency		30~60 kHz	
Operating voltage		12VDC	
Power supply		1A@12VDC (1 Adapter) (2.1mm plug)	
Operating temperature		32°~104° F (0°~40° C)	
Operating humidity		20~90% RH (non-condensing)	
Weight		5.08-oz (144g) (each)	

HDMI Extender over Two Wires

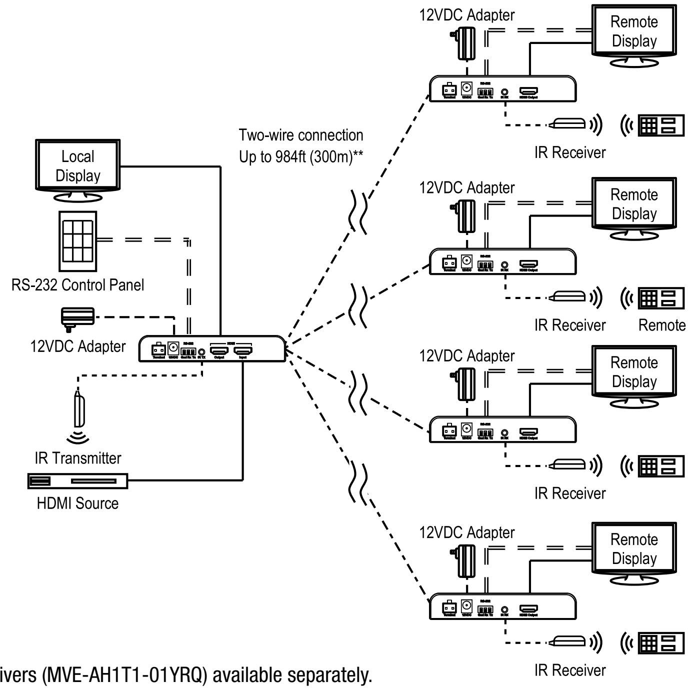
Features

- Extends HDMI and provides a clear HDMI signal up to 984ft (300m) over two wires
- Active operation ensures signal strength remains strong over the length of the wiring
- Integrated circuits in the transmitter and receiver clean, buffer, and amplify the HDMI signal to prevent signal loss and ensure a clear signal
- Supports both progressive and interlaced formats: 1080p/1080i/720p/576p/576i/480p/480i with zero signal loss
- Plug and play operation – comes as a complete set consisting of a transmitter and receiver, power supplies, and IR dongles
- Includes bi-directional RS-232 IR pass-through – sends IR signals from the monitor to the source for discrete operation of devices without extra cabling
- HDMI loop output for a local HDMI display near the source
- Supports up to 4 receivers for multicast applications
- Two 12VDC power supplies included

Sample Applications

One Transmitter, Multiple Receivers* (Up to 4), Cascaded Wiring (Can Also Be Daisy-Chained):

NOTE: Do not bundle two-wire cabling when connecting multiple receivers


12VDC Adapter
Remote Display
IR Receiver
Local Display
Two-wire connection
Up to 984ft (300m)**
RS-232 Control Panel
12VDC Adapter
Remote Display
IR Receiver
Remote
12VDC Adapter
IR Transmitter
HDMI Source
12VDC Adapter
Remote Display
IR Receiver
12VDC Adapter
Remote Display
IR Receiver

* Additional receivers (MVE-AH1T1-01YRQ) available separately.

** When connecting multiple receivers, the combined length of two-wire cabling must not exceed the maximum range of 984ft (300m).

Model Numbers

MVE-AH1T1-01YQ

Range: Up to 984' (300m)

Specifications

Input video signal		3.3V
Input DDC signal		5Vp-p (TTL)
Maximum single link range		1080p
Deep color		24bit
Video formats supported		High-speed HDMI, HDCP 1.3
Audio formats supported		PCM
Output video		HDMI
Resolutions supported		1080p/1080i/720p/576p/576i/480p/480i
Range		Up to 984' (300m)
Video input/output connector		HDMI Type A 19-pin female
Max. input/output cable length		24AWG (15m), 26AWG (10m), 28AWG (5m)
IR Pass-through frequency		20~60 kHz
RS-232 Pass-through baud-rate		Up to 115,200
Operating voltage		12VDC
Power supply		2A@12VDC (2 Adapters) (2.1mm plug)
ESDProtection (human body model)		±8kV (Air-gap discharge), ±4kV (contact discharge)
Current draw	Transmitter	625mA@12VDC
	Receiver	580mA@12VDC
Operating temperature		32°~140° F (0°~60° C)
Dimensions		5⅛"x¹⁵⁄₁₆"x3⁷⁄₁₆" (130x23x87 mm)
Weight		7.4-oz (210g) (Each)

Additional receivers (MVE-AH1T1-01YRQ) also available separately

Cable Legend:

———	HDMI	– – – – – –	Power
– · – · – ·	Two wires	- - - - - - - -	IR
= = =	RS-232		

Long-Range Wireless Extender for HDMI

Wireless

1080p
Resolution

Model Number

MVE-AH1W1-01NQ
Range: 656ft (200m) at 1080p

Specifications

MVE-AH1W1-01NQ	Transmitter	Receiver
Transmission frequency	5.1~5.9 GHz	
Deep color	24-bit	
Bandwidth	40MHz	
Video formats supported	High-speed HDMI, HDCP 1.2	
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD	
Latency	<200ms	
Encryption	AES 128	
IR Pass-through	20~60 kHz	
Dimensions	$7\frac{11}{16}$"x$5\frac{7}{16}$"x$1\frac{1}{4}$" (195x138x31 mm)	
Operating temperature	32°~140° F (0°~60° C)	
Weight	18.7-oz (531g)	18.6-oz (528g)

Features

- Wirelessly transmits high-definition video and audio wireless between transmitter and receiver
- Range: Up to 656ft (200m)
- Support resolutions up to 1080p
- Signal can pass through walls
- IR Pass-through carries remote control signals from the monitor's location back to the source
- Supported resolutions: 1080p/1080i/720p/576p/576i/480p/480i
- Two 5VDC adapters included

HDMI Extender over Single Coax

Coax

1080p
Resolution

Model Number

MVE-AA11-01NQ
Range: 328ft (100m) at 1080p

Specifications

Resolutions supported		1080p/1080i/720p/576p/576i/480p/480i
Deep color		36-bit
Video formats supported		High-speed HDMI, HDCP 1.1
Audio formats supported		LPCM, Dolby-AC3, DTS7.1, DSD
Output video		HDMI
Range (1080p)	RG6	Up to 328' (100m)
Coaxial cable		RG6
Operating voltage		5VDC
Operating temperature		32°~104° F (0°~40° C)
Weight		4.2-oz (120g) (each)

Features

- Extend 1080p HDMI signals up to 328ft (100m) over a single coaxial cable
- IR Pass-through – Send IR signals from the source to the monitor for discrete operation of devices
- The HDMI Extender over Coax Cable supports both progressive and interlaced formats: Plug and play operation

4K HDMI® Splitters

MVD-AH14-01Q

MVD-AH12-01Q

MVD-AH18-01Q

Features

- Transmit an HDMI source to up to eight different HDMI displays
- Supports up to 4K/2K resolution and 3D video
- Individual status LEDs for each HDMI output
- EDID Management settings
- One (1) 5VDC Power supply included

Model Numbers

MVD-AH12-01Q
4K 1x2 HDMI Splitters

MVD-AH14-01Q
4K 1x4 HDMI Splitters

MVD-AH18-01Q
4K 1x8 HDMI Splitters

Specifications

Input video signal	3.3V
Input DDC signal	5Vp-p (TTL)
Maximum single link range	4K*2K@30hz
Deep color	48bit
Video formats supported	High-speed HDMI, HDCP 1.4
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD
Resolutions supported	4K/1080p/1080i/720p/576p/ 576i/480p/480i
Operating voltage	5VDC

4K HDMI® Switchers

Features

- Add three or five HDMI inputs to almost any high-definition TV or HDMI display
- Supports up to 4K/2K resolution and 3D video
- Includes remote control for switching between inputs
- Individual status LEDs for each HDMI input
- Switch will automatically select the active input for added convenience

Model Numbers

MVS-AH31-01NQ
4K 3x1 HDMI Switcher

Specifications

HDMI Inputs	3
Resolutions supported	4K/1080p/1080i/720p/ 576p/576i/480p/480i
Maximum single link range	4K*2K@30Hz
Input DDC signal	5Vp-p (TTL)
Deep color	48bit
Video formats supported	High-speed HDMI, HDCP 1.4
Audio formats supported	LPCM, Dolby-AC3, DTS7.1, DSD
Power supply	USB Power
Dimensions	3$^{7}/_{16}$"x2$^{3}/_{8}$"x$^{3}/_{4}$" (87x60x19 mm)

HDMI to VGA Converter

MVA-HV01Q

- Supports input resolutions up to 1920x1080
- Supports up to 1920x1080 on VGA output
- Converts HDMI to VGA+Audio
- Stereo audio output
- Plug and play operation

VGA to HDMI Converter

MVA-VH01Q

- Converts VGA and stereo audio to HDMI
- Plug and play operation
- Supports resolutions from 640x480 to 1280x1024
- 5VDC Power supply included

HDMI to Composite Converter

MVA-HT01Q

- Converts HDMI to composite video + stereo audio
- Supports input resolutions up to 1920x1080
- Supports NTSC or PAL output
- Stereo analog audio output
- Plug and play operation

Composite to HDMI Converter

MVA-TH01Q

- Converts composite video and stereo audio to 720p or 1080p HDMI
- Supports NTSC, PAL, and SECAM video inputs
- Stereo audio input
- Switch for switching between 720p and 1080p upscaling
- Plug and play operation

HDMI Coupler

MC-2201Q

- For joining two HDMI cables
- Compatible with all 19-pin HDMI cables
- Gold plated contacts
- Female-to-female

Other Video Converters

VC-3BAQ
BNC to VGA Converter, see pg.69

VC-3YAQ
4-in-1 HD to HDMI Coverter, see pg.69

VC-2VAQ
VGA to BNC Converter, see pg.69

HDMI Repeater

MVR-HH01Q

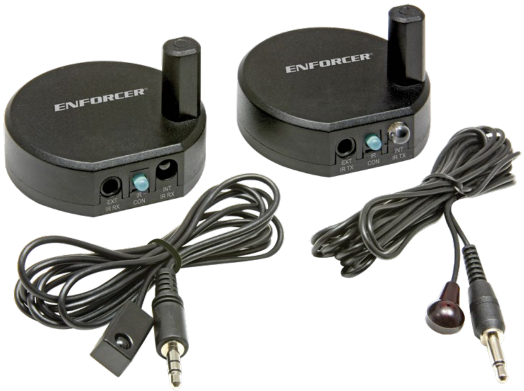
- Extends high-definition video and digital audio up to 115ft (35m)
- Supports resolutions from 480i to 1080p

HDMI Angled Coupler

MC-2101Q

- For tight mounts behind a monitor
- Compatible with all 19-pin HDMI cables
- Gold plated contacts
- 180° Swiveling male-to-female

Wireless IR Repeater Kit



Features

- Allows for wireless IR transmission up to 656ft (200m)*
- Transmits IR signals wirelessly over 915MHz RF
- Frequency hopping technology minimizes RF interference
- Compatible with 20~60 kHz IR systems
- IR Confirmation LED
- 5VDC Power jack (2x AC adapters included)
- Compact size for easy mounting near audio/video equipment
- Includes one 10ft (3m) wired IR emitter and one 5ft (1.5m) wired IR receiver

*Line-of-sight range. Actual range may vary depending on the installation and operating environment.

Model Numbers

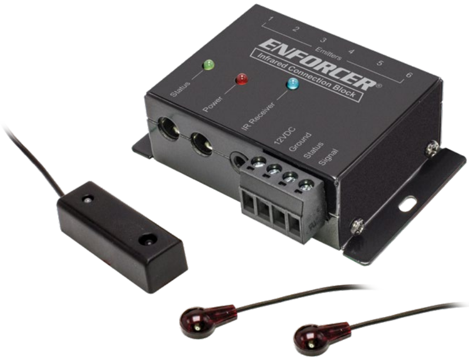
NEW

MVE-AN1W1-01Q
Wireless IR Repeater Kit

Specifications

Operating voltage		5VDC
RF Frequency		915MHz
LED Indicator		IR Confirmation (blue)
IR Receiver frequency		20~60 kHz
IR Receiver angle		±35° Off axis
IR Receiver distance		23' (7m)* max.
IR Emitter frequency		20~60 kHz
IR Emitter angle		±11° Off axis
Connector type	Power	1.3mm Coaxial center-pin-positive
	Wired IR Receiver	$^{1}/_{8}$" (3.5mm) TRS Mini-plug
	Wired IR Emitter	$^{1}/_{8}$" (3.5mm) Mono mini-plug
Maximum extended range		656' (200m)*
Operating humidity		10~90%
Operating temperature		-4°~140° F (-20°~60° C)
Power supply		5VDC/500mA
Dimensions	Transmitter/ Receiver	$1^{3}/_{4}$"x$1^{3}/_{4}$"x$1^{1}/_{4}$" (45x45x31 mm)
	Wired IR Receiver	$^{13}/_{16}$"x$^{1}/_{4}$"x$^{3}/_{8}$" (20x7x10 mm)
	Wired IR Emitter	$^{5}/_{8}$"x$^{3}/_{8}$"x$^{3}/_{16}$" (16x10x5 mm)

IR Distribution Kit with 6 Ports



Accessories

MIR-E-101Q
Single IR Emitter

MIR-E-201Q
Dual IR Emitter

MIR-AS-01Q
IR Receiver Adapter

Features

- 12VDC Operating voltage
- Compatible with 38kHz and 56kHz IR systems
- Six $^{1}/_{8}$" (3.5mm) IR emitter output jacks
- 10ft (3m) Cord for IR emitters and receiver
- Status, power, and IR confirmation LEDs
- Status power jack (for switched power supplies to show status)
- 12VDC Power jack (AC adapter included)
- Compact size for easy mounting near audio/video equipment
- Includes mounting screws and tape
- Can accommodate up to 6 dual IR emitters (for a total of 12 controllable devices)
- Kit includes two single IR emitters
- IR Receiver can be extended up to
- 984ft (300m) with IR Receiver Adapter MIR-AS-01Q (not included)

*With IR Receiver Adapter MIR-AS-01Q (not included).

Model Numbers

NEW

MIR-K16S-2101Q
IR Distribution Kit

Specifications

Operating voltage		12VDC
Zone		1
Emitter ports		6
LEDs		Power (red), Status (green), Receiver (blue)
IR Receiver frequency		30~60 kHz
IR Receiver angle		±45° Off axis
IR Receiver distance	38kHz	40' (12.2m)
	56kHz	25' (7.6m)
IR Emitter frequency		38/56 kHz
IR Emitter angle		±11° Off axis
Maximum extended range		984' (300m)*
Operating humidity		10~90%
Operating temperature		32°~158° F (0°~70° C)
Power supply		12VDC/200mA
Dimensions	Connection block	$2^{7}/_{16}$"x$1^{15}/_{16}$"x1" (62x49x25 mm)
	IR Receiver	$1^{3}/_{4}$"x$^{9}/_{16}$"x$^{1}/_{2}$" (45x15x12 mm)
	IR Emitter	$^{5}/_{8}$"x$^{3}/_{8}$"x$^{1}/_{4}$" (16x10x6 mm)

High-Speed HDMI Cables

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

Gold-plated connectors

HDR Support
4K Resolution
3D Support
CL3 UL Rated
2 Category Cable
100 Mb/s Cable

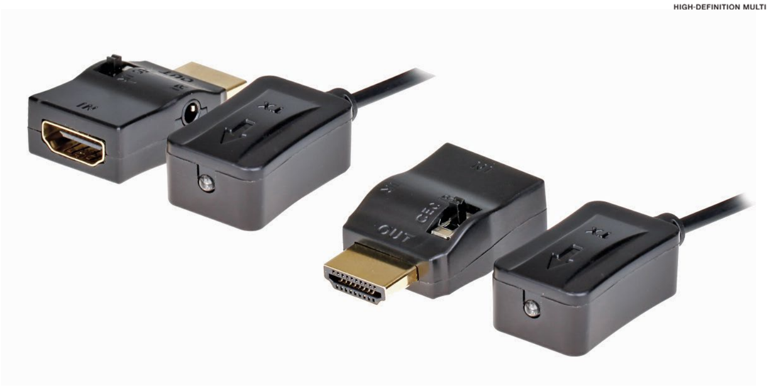
LIFETIME LIMITED WARRANTY

Model Numbers
MC-1130-18NQ *1.5ft (0.5m), 28AWG*
MC-1130-03FQ *3ft (1m), 28AWG*
MC-1130-06FQ *6ft (1.8m), 28AWG*
MC-1130-10FQ *10ft (3m), 28AWG*
NEW **MC-1130-16FQ** *16ft (4.8m), 28AWG*
MC-1130-25FQ *25ft (7.6m), 26AWG*
MC-1130-35FQ *35ft (10.6m), 26AWG*
MC-1130-50FQ *50ft (15.2m), 26AWG*

- 3D Support
- 4K Support
- HDR Support
- Supports Ethernet (100Mb/s)
- Category 2 cable
- Lifetime limited warranty

IR over HDMI Kit

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE



Model Number
MVE-PN11-01Q

Specifications

Video formats supported		High-speed HDMI with 3D, HDCP 1.2
Frequency		33~60 kHz (Dual band)
Dimensions	IR Transmitter	$1^{1}/_{8}$"x$^{11}/_{16}$"x$^{1}/_{2}$" (30x18x12 mm)
	IR Receiver	$1^{1}/_{8}$"x$^{11}/_{16}$"x$^{1}/_{2}$" (30x18x12 mm)
	HDMI Adapter	$1^{1}/_{8}$"x$^{7}/_{8}$"x$^{3}/_{8}$" (30x22x10 mm)
	Cable	4.5' (1.45m)
	Jack	3.5mm
Weight		2.2-oz (62g)

Features

- Add IR remote pass-through to installations where an HDMI source is in a different room than the HDMI display using existing HDMI cables
- Discreet design – adapters install between the devices and the HDMI cables
- Includes 2 HDMI adapters, 1 IR transmitter, and 1 IR receiver
- IR Transmitter and receiver are each built with a 4.5ft (1.45m) cord for added convenience while installing
- Compatible with other ENFORCER products (sold separately): 5x1 HDMI Switch (MVS-AH51-01NQ) and 1x4 HDMI Splitter (MVD-AH14-01Q)

VGA Extender over Cat5e/6

Single Cat5e/6

ENFORCER
VGA Distributor over Cat5e/6
Transmitter
UTP Output
VGA Input
Audio Out
Receiver
Power
UTP Input
DC/5V

Model Numbers

MVD-V1201-1Q
1 Input, 2 outputs

Specifications

VGA Connectors		Female 15 pin
Number of inputs		1
Number of outputs		2
Number of local outputs		1
Vertical frequency range		60/75/85 Hz
Range	640x480; 800x600	984' (300m)
	1280x1024	656' (200m)
	1600x1200 1920x1080	492' (150m)
Weight	Transmitter	7.3-oz (208g)
	Receiver	3.8-oz (108g)
Current draw		400mA@5VDC
Operating temperature		32°~158° F (0°~70° C)
External power supply		2A@5VDC (2 adapters included)

Features

- Transmits VGA signals from personal computers, DVRs, or video splitters to CRT or LCD monitors or VGA projectors.
- Extends the range of VGA and stereo signals to up to 984ft (300m) over one Cat5e/6 cable
- Supports up to 1920x1200 resolution.
- Works with monitors, projectors, HDTVs, and flat panel screens
- Each set includes one transmitter and one receiver, and is plug-and-play ready
- Local output allows for playback at a local station as well as remote stations
- Gain and peak adjustments to account for different UTP cable lengths. Use gain for brightness adjustment and peak for skew adjustment

USB Keystone Charger

Model Numbers

NEW

ST-L0521-TUQ
USB Keystone Charger

Specifications

Input voltage	**9~24 VDC**
Output voltage	5VDC±5%
Output current	2.5A max.*
Standby current	<2mA
Dimensions	$^{11}/_{16}$"x$^{13}/_{16}$"x1$^{5}/_{8}$" (17x21x41 mm)

Features

- Snap-in style USB Keystone Charger adapter
- 2.5A Max. output for faster charging
- Uses the latest USB identification circuit; compatible with most devices
- Useful for equipment racks, conference rooms, AV systems, planes, boats, buses, gyms, etc.
- Built-in blue power indicator LED
- Connect multiple units together to charge multiple devices simultaneously
- Synchronous rectification, high efficiency
- Power input with reverse polarity protection diode
- Provides complete fault protection such as under-voltage lockout, output short-circuit protection, overcurrent protection, and thermal shutdown

*The current drawn by a connected device will depend on the connected device's charge controller IC.

Wireless Alert System

- Up to 1,000ft (305m) transmission range*
- 18 Programmable ringtones
- Connect up to 4 wireless transmitter accessories
- Audible and visual alert via built-in speaker and flashing light
- Wall or desktop mountable
- Output terminals for optional auxiliary device
- Each channel independently programmable
- System includes receiver and transmitter (RA-4961Q and RA-4961-PBQ)
- 6VDC power supply avaiable (X-HKP06-06005)

1
3
2
4
CBA
CBA

Model Number

RA-4961-K1Q		Specifications*
Frequency		914.8MHz
Channels		4
Accessories per channel		1
Relay Output (channel 4 only)		1 Form C Relay, 1A@50VDC
Power supply		3 "C" batteries or 6VDC power adapter (Both not included)
Current draw	Standby	0.3mA
	Max	220mA
Estimated battery life		270 days (3 triggers/day)
Receiver low battery indicator		Notification LED flashes every 5 seconds
Accessory low battery indicator		Zone LED for accessory blinks continuously
Sound level (dB)		Up to 96dB@1ft(30cm)
Operating temperature		32º~140º F (0º~60º C)
Dimensions		$5^{1}/_{4}$"x$1^{9}/_{16}$"x$6^{5}/_{8}$" (133x40x169 mm)

* Specifications are for receiver (RA-4961Q). See pushbutton features below.

Wireless Pushbutton

RA-4961-PBQ

- Use as a wireless doorbell
- Up to 1,000ft (305m) transmission range*
- Easy installation
- Note: that 1pc of RA-4961-PBQ is included with the RA-4961-K1Q

Wireless Indoor PIR Sensor

RA-4961-PRQ

- Wirelessly monitor entryways, rooms, or other areas
- Up to 1,000ft (305m) transmission range*
- Sensing range up to 26ft (8m)
- Programmable activation time
- Runs on batteries for a convenient, wireless installation
- Adjustable mounting angle

Wireless Magnetic Contact

RA-4961-MCQ

- Wirelessly monitor windows, doors, or other areas
- Up to 1,000ft (305m) transmission range*
- Activates each time the door or window is moved
- Magnet can be placed on either side
- Adhesive mount – no screws required

Wireless Mailbox/Tilt Sensor

RA-4961-MBQ

- Wirelessly monitor mailboxes or any tilting motion
- Up to 1,000ft (305m) transmission range*
- Mounts to standard mailbox flaps or other flat surfaces that may tilt
- Adhesive mount – no screws required
- Adjustable sensing angle

Wireless Outdoor PIR Sensor

RA-4961-DSQ

- Wirelessly monitor driveways, walkways or other areas
- Up to 1,000ft (305m) transmission range*
- Programmable activation time
- Programmable sensing range up to 39ft (12m)
- Runs on batteries for a convenient, wireless installation
- Adjustable mounting angle
- IP45 weatherproof

Wireless Vibrating Receiver

RA-4961-VPQ

- Functions similar to the RA-4961-K1Q receiver
- Audible, visual and physical alert via built-in speaker, LEDs and vibration
- Belt clip and small size for easy portability
- Each channel independently programmable

* Line of sight. Transmitter range will vary depending on installation and operation environment

Wireless Motion Alert

Model Number

RC-135Q
Wireless Motion Alert

Features

- Provides audio and/or visual alert when triggered
- Sensor range up to 26ft (8m) at 40° angle at 3ft (1m) height
- Up to 390ft (120m) transmission range between sensor and receiver*
- 4-position switch: Off, Silent, Low, High
- Battery operated (3 AAA for sensor and 3 C for receiver)
- Receiver can be powered by a 500mA@6VDC power adapter (not included)
- Battery life for sensor is up to 6 months and for receiver is up to 3 months (based on 4 triggers/day on High mode)
- Low battery indicators

* Line of sight. Transmitter range will vary depending on installation and operation environment

Auto Voice Reminder

Model Number

AS-1511
Auto Voice Reminder

Features

- Easily record personal reminders, warnings or other messages
- Play a welcome message to customers in commercial establishments
- Record custom message up to 15 seconds
- Adjustable volume (Low, High, Off)
- Sensor detection angle and range 100°@30ft (9m)
- Easy installation, no hardwiring necessary
- Battery operated (3 AAA batteries, not included)
- Battery life is up to 2 months (10 triggers/day)
- Wall-mountable

Motion Entry Alert

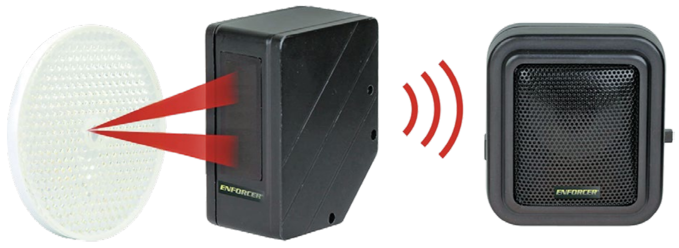
Model Number

AS-6111Q
Motion Entry Alert

Features

- Mount above door or other entry point to alert when someone enters or exits
- Sounds for approximately 4 seconds or for as long as the sensor detects changes in visible light
- CDS sensor operates by detecting sudden changes in visible light
- Sensor range 10ft (3m)
- Designed for motion alerts only
- Low current drain (0.05mA standby)
- Provides an audible alert (doorbell sound) when triggered
- Battery operated (3 AAA batteries, not included)

Wireless Entry Alert System



Model Number

E-931CS22RFCQ
Sensor range: Up to 22ft (7m)
Wireless range: Up to 328ft (100m)

Accessories

E-931ACC-SFQ
Additional wireless speaker

E-931ACC-CQ
Digital counter, plugs into speaker

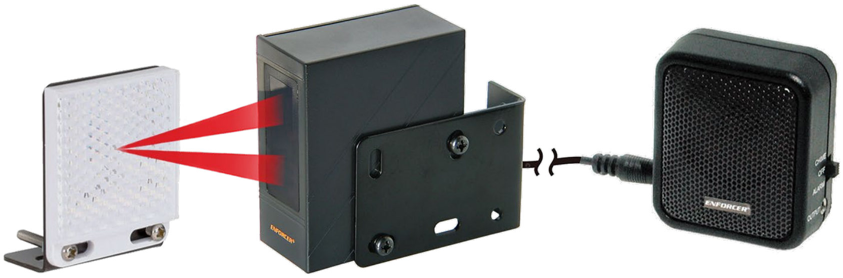
E-931ACC-RC1Q
3" (76mm) Round reflector

E-931ACC-HR1Q
Hood for reflector

Features

- For monitoring a driveway or for use as an entrance indicator
- No wiring necessary between sensor and speaker
- Sensor is weatherproof for outdoor use
- Speaker makes a chime or alarm sound when the beam is interrupted
- Wireless range: Up to 328ft (100m) between the sensor and speaker
- Sensor range: Up to 22ft (7m)
- Each sensor can be connected to an unlimited number of speakers
- Each speaker can be connected to up to 5 sensors
- Simple installation with no hard wiring required – all components are either wireless or plug into each other
- Mounting brackets available (see pg. 95)

Entry Alert System



Model Number

E-931CS22RRCQ
Sensor range: 22ft (7m)

Accessories

E-931ACC-SQ
Additional speaker

E-931ACC-CQ
Digital counter, plugs into speaker

E-931ACC-RC1Q
3" (76mm) Round reflector

E-931ACC-R2Q
2" (50mm) Square reflector

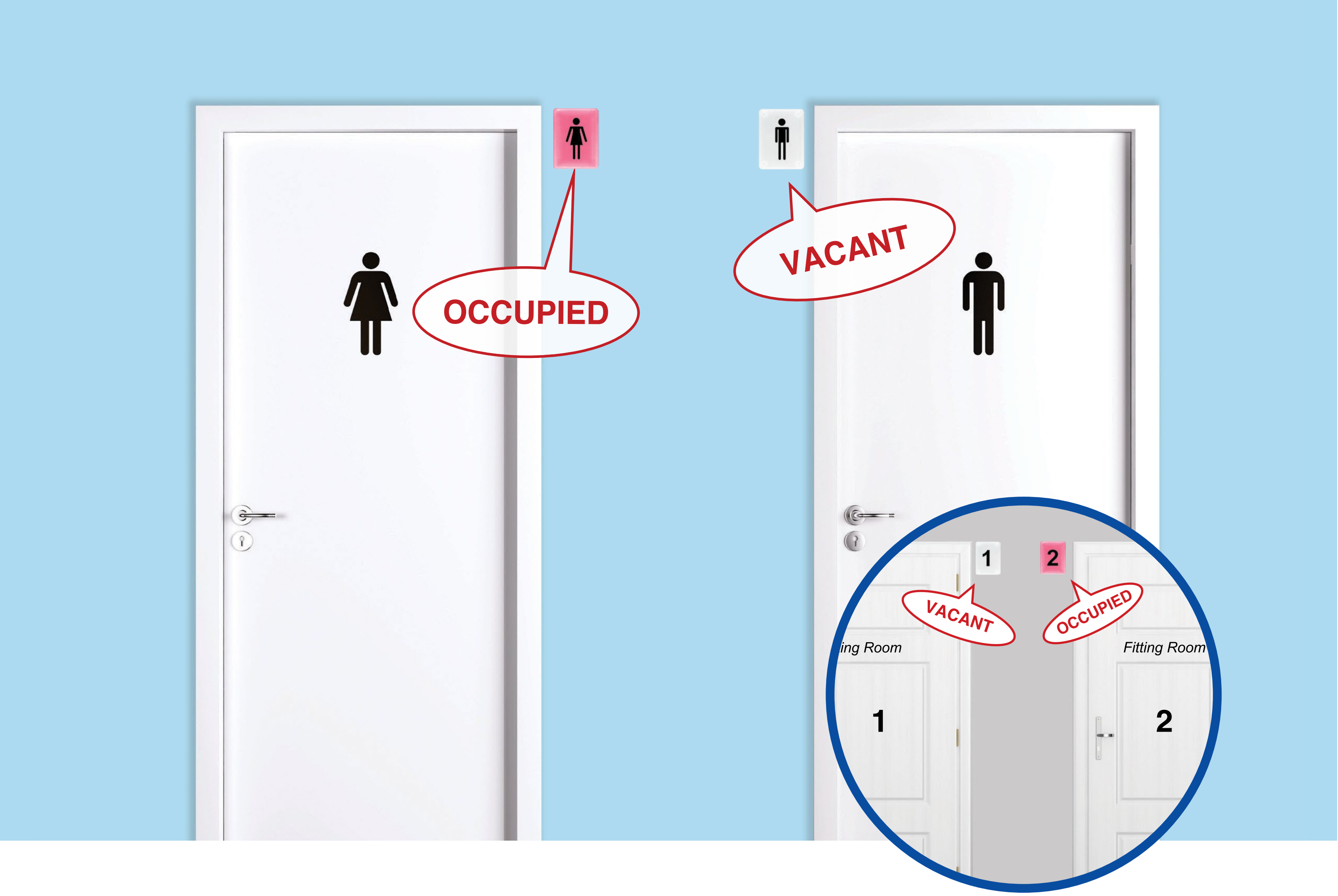
E-931ACC-HR1Q
Hood for reflector

E-931ACC-RLQ
Large reflector

Features

- For monitoring an entrance or using as an entrance indicator
- Photoelectric beam sensor
- Makes "ding-dong" or siren sound if beam is interrupted
- Speaker volume can be adjusted or turned off
- When in siren mode, sounding time is adjustable from 3~30 seconds
- 9VDC Adapter included
- All components plug into each other - No hard wiring required
- 32ft Cable from speaker to sensor
- Mounting brackets available (see pg. 95)

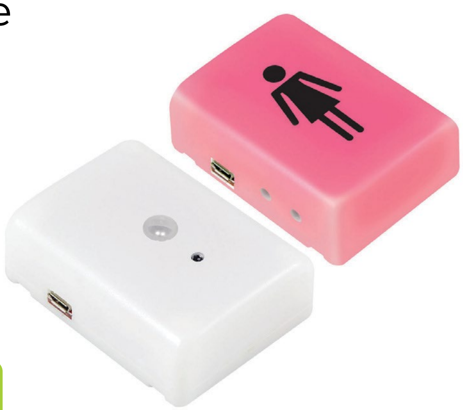
END THE WAITING GAME


OCCUPIED
VACANT
1
2
VACANT
OCCUPIED
ing Room
Fitting Room
1
2

Room Occupancy Monitor

Know at a glance whether a room is in use

The Room Occupancy Monitor indicates whether a room (like a restroom or fitting room) is occupied or vacant.



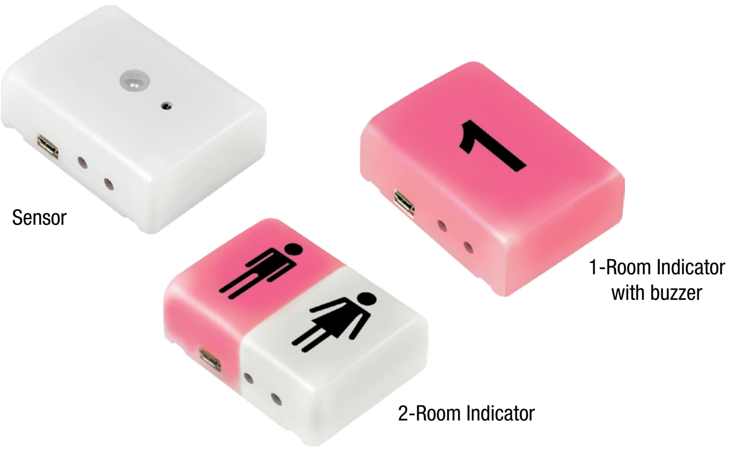
Use for any place where you want occupancy notification:

Tel: (800) 662-0800 **Email:** sales@seco-larm.com
Fax: (949) 261-7326 **Website:** www.seco-larm.com

SECO-LARM® ENFORCER® CRIMEBUSTER® CBA® SLI® ®

SECO-LARM®
Manufacturer of ENFORCER®

Room Occupancy Monitor



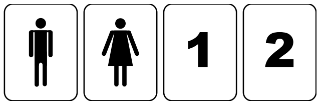
Model Numbers

RM-R100-KB1Q NEW
Sensor and 1-Room Indicator with buzzer

RM-R100-RB1Q NEW
1-Room Indicator with buzzer

RM-R100-R2Q NEW
2-Room Indicator

Decals Included



Optional

RM-R100-TBQ
Wall-Mount Help Button

Push for Help

RM-R100-TH2Q
Indicator Remote

Features

- PIR Sensor detects motion (programmable ON/OFF)
- Phototransistor detects light (programmable ON/OFF)
- Door sensor input for door monitoring
- Programmable to flash and/or sound* after a set amount of time
- Connection for adding a service button†
- Suitable to use in restrooms, fitting rooms, etc.
- Transmitter can transmit to unlimited number of receivers
- Micro USB power input for easy installation
- Compatible with all ENFORCER 433.92MHz transmitters

* Buzzer available on RM-R100-RB1Q only. † Sensor and RM-R100-RB1Q only.
‡Actual operating range will vary greatly depending on the installation and operating environment.

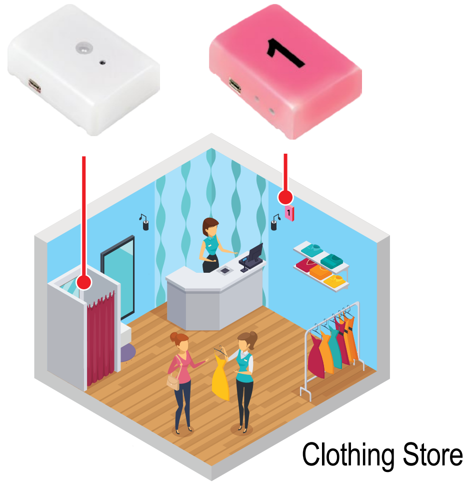
Specifications

Model		RM-R100-KB1Q*		
		Sensor	RM-R100-RB1Q	RM-R100-R2Q
Description			1-Room Indicator	2-Room Indicator
Indicators		LED	Buzzer and LED	LED
Memory capacity		N/A	15 Transmitter codes, per channel	
Current draw	Standby	2mA@12VDC	6mA@12VDC	
	Active	15mA@12VDC max.	35mA@12VDC max.	
Transistor ground rating		100mA max.	N/A	
PIR Sensor range		~16' (5m)	N/A	
Phototransistor sensitivity		≥320Lux	N/A	
Door input		NO or NC	N/A	
RF Range‡		100' (30m), 433.92MHz		
Operating voltage		5VDC via micro USB or 5~12 VDC via terminal block		
Connections		Screw terminals		
Operating temperature		– 4°~167° F (– 20°~75° C)		
Dimensions		$2^1/_2$"x$^{15}/_{16}$"x$1^7/_8$" (64x24x48 mm)		
Weight		1.8-oz (50g)		

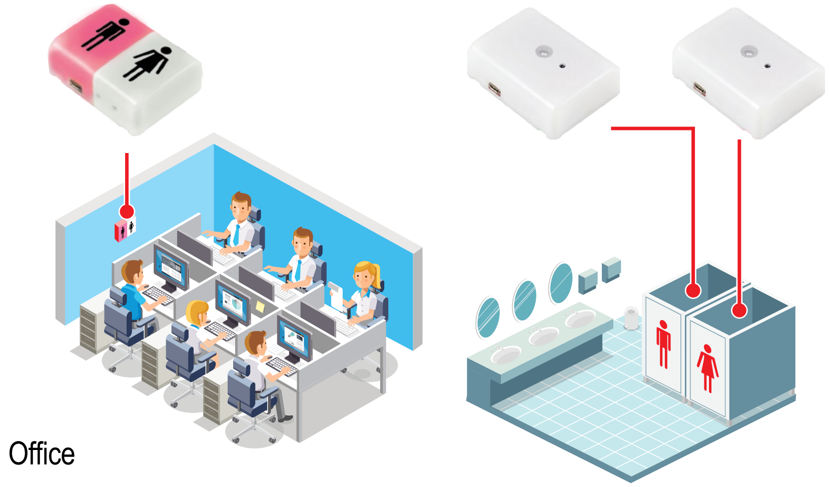
*The RM-R100-KB1Q kit includes a sensor and 1-room indicator. Sensor not sold separately

Application

1-Fitting Room Application§



2-Restroom Application**



§ Only one Room Occupancy Monitor Kit needed ** Two Room Occupancy Monitor Kits and one additional 2-Room Indicator required to recreate Illustration

Wireless Outlet Controller

Model Number

LS-313A-14Q
3 Wireless Outlets, 1 Remote

LS-525A-14Q
5 Wireless Outlets, 2 Remotes

LS-313A-14Q

Intertek
Conforms to UL 61058-1 and 498A
Certified to CSA C22.2 NO.61058-1 and 42

Features

- Wirelessly control devices, appliances, or lamps up to 100ft (30m) away*
- Energy saving – Wireless Outlet draws zero power when off
- Easily expand to multiple devices by pairing to different channels or remotes
- Control multiple outlets with one button, or one outlet with multiple remotes
- Remote is compatible with both Wireless Outlets and Wireless Light Sockets
- Combine several kits for further expansion
- For indoor use only

* Line-of-sight range. Actual range may vary depending on the installation and operating environment

Parking Alert

AS-7021

- Ultrasonic sensor allows precise parking in a garage or parking spot
- Adjustable sensing distance
- Wall mountable using either double-sided foam tape or screws
- Simple traffic light colors indicate distance
- – Green: Vehicle detected
- – Yellow: Warning
- – Red: Stop
- Battery operated with low-battery indicator (batteries not included)

Dummy Dual Beam Sensor

BD-T100Q

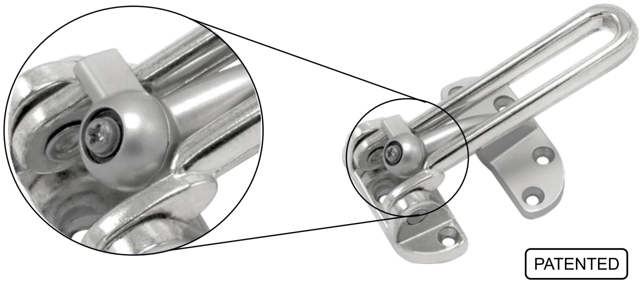
- Strong ABS plastic construction
- Wall- or pole-mountable
- Single battery-powered flashing LED (requires 2 AA batteries)

Anti-Pick Safety Door Latch

DG-311M

NEW

- Patented anti-pick swing latch design. Cannot be unlocked from the outside
- Used as a secondary security lock for hinged in-swinging doors
- Zinc diecast and satin nickel finish
- Easy to install and use



PATENTED

Entry-Level Alarm

Model Number

E-100LB
Entry-level alarm

Features

- Miniature alarm brain
  - Patented Q.Q.T. for quick and quiet test
  - Fail-safe arming
  - Patented Phase-5 Protection
  - Dual power protection (D.P.P.)
- Multi-tone siren
  - Super-small, 3-tone, 124dB. No "toy" sounds.
- Dual-stage shock sensor (patented)
- 5-Function LED
- Multi-function push button (VET)
- Two 4-Button, 2-Channel Transmitters
  - Use for 2nd channel (trunk release) and panic.
  - Quiet Mode overrides chirp through remote.
- Instant triggering
- Flashing parking lights (Built-in relay)
- Door lock outputs (Pos./Neg. Flip-Flop)
- Starter disable output
- Multiple programming functions

Full-Featured Alarm System

Model Number

E-300L
3-Channel alarm system

Features

- Instant triggering with multiple trigger inputs
- Miniature alarm brain
  - Patented Q.Q.T. for quick and quiet test
  - Fail-safe arming
  - Phase-II protection
- Two 3-button transmitters
  - 2nd & 3rd channel output, plus second car operation
- Dual-stage shock sensor (patented)
- Dual-stage glass-break sensor
- Multiple programming functions:
  - Active/passive arming
  - Chirp/no chirp
  - 0.4/6.4-sec. door lock/unlock output
  - N.O./N.C. trigger input
  - Autolock or active locking of doors
  - Permanent disarm or automatic rearm
  - Current and/or switch sensing (with fan bypass)
  - Ignition lock/unlock on/off
  - Automatic Starter Disable on/off
- Multi-tone siren
  - Super-small, 3-tone, 124dB. No "toy" sounds
- 5-function LED
- Multi-function push button (VET)
- Flashing parking lights
- Door lock outputs (+ or -)
- Starter disable
- Domelight supervision

Keyless Entry Upgrade Alarm

Model Numbers

SLI® 820R
Keyless entry upgrade

SLI® 820RA
Keyless entry upgrade, no siren

Features

- Easily turns most factory keyless entry systems into complete security systems
- Uses the vehicle's OEM transmitters to arm and disarm system
- Automatically learns polarity of vehicle's door locks for simple installation
- Includes dual-stage electronic shock sensor
- Built-in parking light relay
- Starter disable output
- Pushbutton included for valet and emergency disarm (VET)
- LED indicates arming
- 5 instant-triggering zones
- Defective zone bypass
- Patented fail-safe arming
- Programmable

High-End Keyless Entry Alarm

Model Number

SLI® 840
High-end keyless entry/alarm

Features

- Miniature alarm brain
  - All-modular connections
  - Patented Q.Q.T. for quick and quiet test
  - Patented Fail-Safe arming.
  - Phase II protection.
- Multi-tone siren and separate Horn-honk outputs
  - Small, 3-tone, 124dB, no "toy" sounds.
- Two 4-button, 2-channel "Icon" Remotes
- Dual-stage shock sensor (Patented)
- 7-Function LED
- Multi-function push button (VET)
- Door lock outputs (+/- reversing)
- Starter disable (- output)
- Domelight supervision (- output)
- 13 Programming Functions

Vehicle Accessories

Dual-Stage Microwave Sensor

SLI® 259A

- Dual-stage protection – Chirps siren if exterior zone violated, triggers alarm if interior zone is violated

Dual-Stage Electromagnetic Shock Sensor

SS-052B

- Dual-stage protection – Chirps siren if car lightly tapped, triggers alarm on break-in or vandalism attempts

Power Door Lock Interfaces

SR-5201R	*Power Door Lock Interface*
SR-5203A	*Power Door Lock interfaces with Programmable Delay*

- Allows nearly any alarm to control nearly any type power door lock/unlocks
- Includes 2 pre-wired, built-in, heavy-duty 30A relays with protecting diodes and spike/noise suppressors
- Negative lock/unlock signal inputs
- For alarms with specific lock/unlock signals

SR-5203A only

- For alarms with no specific lock/unlock signals.
- One- or two-wire input.
- Built-in programmable (0.7/3.5-sec.) timer.
- Lock signal priority if lock and unlock signals received at same time

Pin Switches

SS-061LSN PATENTED

- Patented heavy-duty long steel body with nylon fiberglass shaft and stainless steel contact terminal

SS-066TL

- Pin switch

Replacement Transmitters

SK-919TP4JQ *For E-100LB, SLI ® 840*

- Over 68 billion ($6.8x10^{10}$) possible codes
- LED Transmission indicator
- Includes 12VDC alkaline battery

Replacement Transmitters

SK-919TP3JQ *For E-300L*

- Over 68 billion ($6.8x10^{10}$) possible codes
- LED Transmission indicator
- Includes 12VDC alkaline battery

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SECO-LARM's Security Systems and Accessories are protected by the following patents:

U.S. pat. nos. 7800644, 7164357, 6109110, 5760680, 5751072, 5739749, 5648754, 5483225, 5473305, 5298879, 5216407, 5084697, 4980666, 4975678, 4926160, 4835518, 4810998, 4761631, 4706064, 4700332, 4679033, 4550229, 4546629, 4543568, 4507945, D485774, D479708, D350494, D319196, D314791

Taiwan pat. nos. 158210, 133076, 118811, 116977, 105843, 100701, 94510, 89463, 86123, 84396, 76872, 75669, 66042, 61565, 59176, 56767, 52421, 50612, 46459, 43239, 40938, 40244, 39225, 37977, 37422, 35025, 33687, 33261, 33201, 32844, 32435, 32409, 31633, 30905, 30897, 30432, 30060, 28883, 28112, 26690, 24477, 23474, 22073, 21111, 20786, 20380, 19593, 18971, 17724, 16672, 16021, 15469, 14658, 12398, 11699, 9191,3724, M335856, M328028, M319465, 319309, M589871

U.K. pat. nos. 2279792, 2271009, 2215895, 2179482, 2177797, 2177529, 2141480, 2036522, 1041888

German pat. nos. 29600370.0, G9203004.1, G9203003.3, G9212809.2

Hungary pat. no. 85927 Sweden pat. no. 9202706.9

Japan pat. no. 1882619 Korea pat. nos. 35097, 32332

China pat. nos. ZL200720126532.5, ZL2006200113040.8, SZ03311103.0, ZL02305808.0, ZL97312768.6, ZL96249150.0, ZL95201587.0, ZL94300564.7

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