



Lone Worker Protection

Peace of mind in the palm of your hand

The **Code5® 1100** is a powerful and versatile device specifically designed for lone workers and other security markets. The **Code5® 1100** offers full hybrid tracking features, dedicated SOS button, programmable speed dials, motion sensor with fall detection and communicates via the GPRS / GSM to the superior sensitivity of its GPS chipset.

The **Code5® 1100** provides networks and GPS locations of the device which can be accurately determined due to full notification features in case of events including SOS, man down detection, amber alerts, entry and exit of pre-set geofences (safe zones), scheduled GPS positions, and low battery level. The **Code5® 1100** also allows users to activate a voice call to three predefined numbers. The SOS button when pressed is used to inform the Orbis BS5979 CAT II / BS8484 (2011) Alarm Receiving Centre allowing them to assess the emergency or threatening situation swiftly and accurately.

The **Code5® 1100** locates quickly and, in combination with the Orbis online management portal, you have accurate real-time location data to secure what matters most.



Key Features

- Dedicated SOS button
- Amber Alert
- Welfare Check
- Geo-Fencing
- Automatic location reporting
- Fall Sensor
- GPS
- No movement detection
- BS8484 Compliant
- Low Battery Alerts
- Speed Alerts
- 20 number address book
- Low power consumption

For more information
please contact our sales team

08452 504 626

lwpsupport@orbisprotect.com

www.orbisprotect.com/loneworker



DEVICE SPECIFICATION

1100

General Specifications

Dimension:	87mm * 45.5mm * 17mm
Weight:	75g
Battery:	Li - Polymer 850 mAh
Standby-Time:	Without reporting: 190 hours 5 minute reporting: 110 hours 10 minute reporting: 125 hours
Charge Voltage:	5V DC
Operation Temperature:	-20°C ~ +55°C
Display:	128*96, 1.3inch, white OLED display

Interfaces

Power Button:	Power on or off device
Volume Button:	Two sides buttons to increase / decrease volume
SOS Button:	SOS / Emergency Alarm
Dial / Reject Button:	For dialling and rejecting incoming calls or Menu Selection
Mini USB Interface:	For external power and configuration
4 preset number buttons:	For quick dialing of preset numbers or menu selection

GSM Specifications

Frequency:	Quad-Band: 850/900/1800/1900MHz Compliant to GSM Phase 2/2+ -Class 4 (2W @ 850/900MHz) -Class 1 (1W @ 1800/1900MHz)
GPRS:	GPRS multi-slot Class 12
RMS Fase Error:	5°C
Max Out RF Power:	33.0 dBm ± 2 dBm
Dynamic Input Range:	-15 ~ -108 dBm
Receiving Sensitivity:	Class II RBER2% (-107dBm)
Stability Of Frequency:	<2,5 ppm
Max Frequency Error:	± 0,1 ppm

OTA Protocol

Transmit Protocol:	TCP, UDP, SMS
Scheduled Timing Report:	Report position and status according to preset time interval
Geo-Fence:	Support up to 5 internal geo-fence regions
Low Power Alarm:	Alarm when internal battery is low
Power On Report:	Report when the device is powered on
Power Off Alarm :	Report when the device is powered off
SOS / Emergency Alarm:	Sos alarm when function key is pressed
Fall Detection:	Man down alarm from 3-axis accelerometer

GPS Specifications

GPS Chipset:	GPS Chipset ublox All-In-One GPS-Receiver, Sensitive, Fast and Accurate
Sensitivity:	Autonomous: -148 dBm Reacquisition: -160 dBm Tracking: -162 dBm
Position Accuracy:	Autonomous: <2,5 m SBAS: 2,0 m
TTFF (Open Air):	Cold start: 30s average Warm start: <30s Hot start: <1s

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