

SC-IV

Fixed ANPR / ALPR Processor

Serious about ANPR. Serious about Service.



Key Features:

- » Intel Core i7 processor
- » 40 GB solid state hard drive
- » Windows embedded OS
- » Processes up to four (4) lanes of high speed, high density traffic
- » Weatherproof and ruggedized for extreme environments
- » Optional GSM / GPRS / 3G Communications

Deployment:

- » Pole
- » Bridge or Gantry
- » Street light
- » Traffic cabinet

Ruggedized Roadside ANPR / ALPR Processor

The SC-IV is a powerful, compact and ruggedized ANPR / ALPR processor for roadside deployment and centralized processing of up to four (4) C3 Series ANPR / ALPR cameras. The SC-IV has been specifically designed to withstand extreme environmental conditions and temperature fluctuations for global application.

The SC-IV supports up to eight (8) separate video inputs (4 dual-lens ANPR / ALPR cameras), providing the unique capability to generate plate recognition from both the color overview image and infrared (IR) number / license plate patch using NDI's powerful and proven Talon® ANPR / ALPR Recognition Engine.

The SC-IV has local storage capability of up to 2 million time stamped images with all relevant metadata, including GPS coordinates, the interpreted plate read, a unique transaction identifier, and more. Hotlists may be securely stored and managed by direct connection to any web based service such as VISCE® or a national Back Office Facility (BOF).

Powered from a standard mains power supply, and with custom mounting straps and a quick-release bracket, the SC-IV provides for quick and easy installation with no requirements for additional street furniture. Ideally suited for remote fixed-site ANPR / ALPR installations, the compact size of the SC-IV allows for mounting almost anywhere, such as a pole, street light, wall, gantry or bridge. Manufactured from heavy duty aluminum and featuring a large heat sink, the SC-IV is IP-67 rated and is engineered to operate in extreme heat and temperature conditions up to 55°C. All captured data is easily transmitted using WLAN or via optional 3G-4G, GPRS, Wi-Fi, or downloaded from the USB - Ethernet ports.

The SC-IV leverages the Intel Core i7 processor for increased recognition speed, faster processing capability and many other advanced features for data transfer and management. The SC-IV's ability to simultaneously process up to four dual-lens ANPR / ALPR cameras makes it a very attractive and cost-effective fixed ANPR / ALPR solution.



NDI Recognition Systems

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Specifications

Processing

CPU: Intel Core i7 2.6 Ghz
RAM: 4GB
Hard drive: 40GB SSD
LAN: 10/100/1000 Base-T
USB: USB 2.0 (up to 480Mbps)
Video: Up to 2048 x 1536 @ 75Hz
Video Capture: 8 Channel PCIe FG @ 200fps (frames)
WiFi: 2.4/5.8 GHz IEEE 801.11b/g, 54Mbps
Antenna: 4dBi end fed dipole (TNC)

Connections

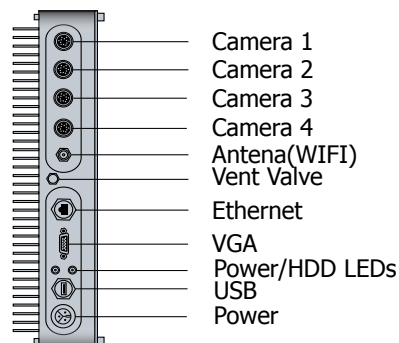
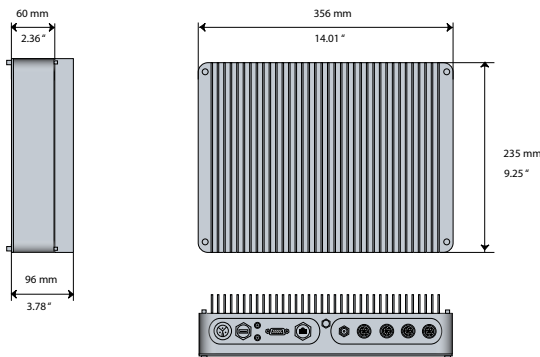
Camera1: Dual Camera connection
Camera2: Dual Camera connection
Camera3: Dual Camera connection
Camera4: Dual Camera connection
Antenna 1: WiFi Antenna connection
Ethernet: Ethernet connection for set up and test purposes
USB: USB connection for setup and test purposes
Power: AC power input

General Information

Power: 85-264 V AC
Frequency: 47-63Hz
Current: 1.4 A (typical at 100 V AC)
0.7 A (typical at 200 V AC)
Indicators: Power on (green LED)
Disk Activity (red LED)
Environmental: Sealing IP 67
Temperature: Storage : -40°F to 185°F (-40°C to +85°C)
Operational: +14°F to 131°F (-10°C to +55°C)
Dimensions (H x W x D): 14.01" x 9.25" x 3.78"
(356 mm x 235 mm x 96 mm)
Weight: <15.4 lbs (7 kg)
Housing: Hard anodized aluminium
Accreditations and approval: CE, FCC

Options

WAN: GSM/GPRS/3G Modem/ Raven X Ruggedized Modem
WiFi Antenna: 10db,12db,18db,23db (2.4 or 5.8 GHz)



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