

Mobile ALPR Processor SX4

Powerful, efficient and reliable processing for long-term mobile ALPR operation to maximize investigative capabilities

OVERVIEW :

The PIPS Technology™ Mobile ALPR Processor SX4 simultaneously supports up to four dual (color and infrared) PIPS Mobile ALPR Cameras. With wireless communication, it was designed specifically for versatile law enforcement environments.

A solid state drive and a nonvolatile BIOS configuration provide the Mobile ALPR Processor SX4 with long-term reliability in on-street operating conditions. In addition, an automated shut-down feature protects the Processor from damage due to power surge.

KEY FEATURES :

- Compact and robust design for long term operation in versatile environments
- Fast and powerful processor for accurate reads in high volume traffic
- Up to 4 high-resolution ALPR cameras on the same processing unit
- Ability to support numerous International Components and Language Services
- Intelligent power management with integrated surge protection
- Improved BIOS operation to ensure continuous license plate reading in the event of battery failure
- Configurable wireless communication





Mobile ALPR Processor SX4

SPECIFICATIONS

Dimensions (LxWxH)	8 x 8 x 4 inches (20cm x 20cm x 10cm)
Weight	6.75 lbs. (3.1kg) without bracket, 8.5 lbs. (3.9kg) with bracket
Memory	8Gb RAM
Hard drive	60GB Solid State Drive
Operating system	Windows Embedded Standard 7 (WES7)
Input Voltage	12-14V DC, 3.5 Amps
Power Consumption	Typical 45W Max. 85W total with four P634 cameras
Processor	Intel® Core™ i3 processor 3.7 Ghz 2 core, 4 thread 51W CPU Up to four cameras (P634) per processing unit
Processing Rate	60 frames per second
Wireless	2 Wi-Fi RP-SMA Antennae
GPS	Integrated GPS input
Rear Panel I/O	<ul style="list-style-type: none">• 4 USB 3.0 Ports• 1 COM RS-232 Port for GPS• 1 COM RS-485 Port• 1 HDMI Port• 1 Display Port• 1 RJ45 Ethernet Port usable for customer• 1 Audio I/O (2 Jacks)• 1 Power Input port• 1 I/O Interface Port (DB25 connector)
Temperature – Operating	-10F to 140F (-23C to 60C)
Temperature – Storage	-40F to 160F (-40C to 71C)
Noise Level	43 dBA
Vibration	MIL-STD-810G transportation vibration
Shock resistance	20G @ 2 ms
Safety	IEC/EN/UL 60950-1, IEC 62368-1
Electromagnetic immunity & emissions	UNECE Regulations #10, Revision 5 EN 50498:2010
Other regulatory	RoHS, WEEE

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