



PVB Series

Aventura CityGuard Surveillance System with 35X PTZ Cameras

The rugged construction of the CityGuard™ enclosure, cameras and appliances allow operation in demanding urban environments. The system features up to three 35X optical zoom cameras, four Day/Night fixed cameras, or a mix of PTZ and fixed, allowing operators to capture fine detail without sacrificing the ability to maintain watch on wide areas. CityGuard™ is the ultimate in flexibility with options including; infrared/thermal/laser; IP, analog, solar, wind and wireless.

Standard

- NEMA 3R Enclosure
- Pole mount hardware (integral bracket and stainless steel straps)
- Power conditioning / Voltage regulation (87 to 140 VAC)
- Uninterruptible Power Supply (UPS)
- Internal 24 VAC Power Supply
- Quad electrical receptacle
- Adequate interior space for third-party wireless equipment
- Weather proof bulkhead connectors for external equipment such as wireless antennas
- Advanced H.264 local recording
- Available DIN rail mounting for third-party equipment

Options

- Additional UPS batteries for longer duration
- Additional internal power supplies (5/12 VDC)
- Additional fused power distribution terminals
- Additional local hard drive storage (2 TB max.)
- Alternate recording media (SD card, 64 GB max.)
- Rugged Ethernet network switch
- Infrared/thermal/laser; IP, analog, solar, wind and wireless cameras (total 4 max)

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- NEMA 3R Enclosure
- Pole Mount Hardware
- Power Conditioning / Voltage Regulation
- Uninterruptible Power Supply (UPS)
- Internal 24 VAC Power Supply
- Quad Electrical Receptacle
- Advanced H.264 Local Recording
- Available DIN Rail Mounting for Third-Party Equipment
- Adequate Interior Space for Third-Party Wireless Equipment

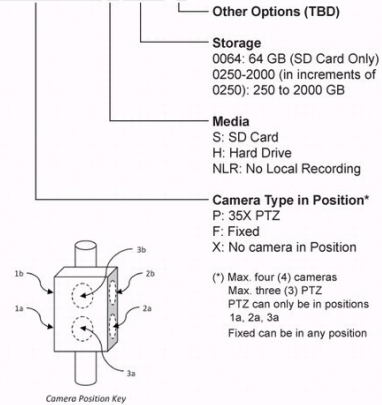
SPECIFICATIONS

CAMERA	
Signal System:	NTSC/PAL
Horizontal Resolution:	550 TVL options
Image Sensor:	1/4" CCD
Optical Zoom:	35X
Digital Zoom:	12X
Day/Night:	Auto
S/N Ratio:	>50 dB
Gain Control:	Auto/Manual
Wide Dynamic Range:	Yes
Heater/Blower:	Yes
Backlight Compensation:	Auto/Manual
Pan-Tilt Speed:	Pan .05-400°/sec; Tilt .03 to 240°/sec
Pan-Tilt Range:	Pan 0 to 360° continuous; Tilt 0 to 92°; auto flip
Pattern Scan:	4 routines
Presets:	256
Communication:	RS485
ENCODING/RECORDING	
Operating System:	Linux Embedded
Codec	H.264 Video compression (MPEG4 Part 10)
Resolutions:	NTSC: 4CIF (704x480), DCIF(528x320), 2CIF (704x240), CIF(352x240), QCIF(176x120) PAL: 4CIF (704x576), DCIF(528x384), 2CIF (704x288), CIF(352x288), QCIF(176x144)
Frame Rate:	25/30 fps (PAL/NTSC) per channel
Internal Hard Drive:	SATA 2000 GB maximum (Optional)
Watchdog Timer:	Generates a time-out system reset, setting via software
Network	10/100 TCP/IP RJ-45
ENVIRONMENTAL	
Operation Temperature:	4 to 140 °F (-20 to 60 °C)
Enclosure Weatherproof Rating:	NEMA 3R
Camera Weatherproof Rating:	IP66
ELECTRICAL	
Input Voltage:	87 to 120 VAC (120 VAC nominal)
Surge Suppression:	Network grade
Power Consumption:	600 W max.
Current Draw:	5 A max.

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Model Number:

PVB-1a 1b 2a 2b 3a 3b-M SSSS - X



Model Number Examples: PVB-PXPXXX-H1500
PVB-XFXFXS-S0064
PVB-FFFFXX-H2000

Power Consumption 50 W max.

PHYSICAL

Enclosure Material: Steel

Finish: Gray or white powder coat

Mounting: Pole mount with stainless steel straps

REGULATORY

Regulatory Type CE, FCC, UL

Warranty (Effective Jan 1, 2009)

1 Year