



CAM-IPM-1Z-18X-DN

H.264 CCD Megapixel IP PTZ Camera, 1.3MP (1280x960), 18x Optical Lens, Day/Night, Outdoor Weatherproof

Aventura's H.264 IP Megapixel network cameras utilize a high performance progressive scan ccd sensor and Texas Instruments' advanced digital signal processor. The state-of-the-art DSP technology assures the ultimate in performance in the most challenging environmental conditions. Multiple connection ports support both IP (digital) and composite (analog) video outputs. Advanced H.264 video codec offers high definition resolution and real time recording while conserving network bandwidth. Aventura IP solutions are designed for the enterprise and are ONVIF compliant.

- 1.3 Megapixel Resolution (1280x960)
- Progressive Scan CCD Sensor
- True Day/Night, Built in IR Cut Filter
- Dual H.264 compression stream
- Motion detection/Watermarking
- SD Slot/Alarm/Sensor Inputs/outputs
- 360° Continuous pan range
- POE (Power Over Ethernet)
- Motion detection Support
- VOIP Support
- Watermarking
- Client and Web Browser Included
- SDK Available

SPECIFICATIONS

CAMERA	
Image Sensor	CCD (Progressive scan)
Image Sensor Size	1/3"
Megapixel Sensor	1.3 Megapixel
Sensor Size in Megapixel	1/3"
Min. Sensitivity (day)	Color (day) 0.1 lux at f1.6
Min. Sensitivity (night)	B&W (night) 0.01 lux at f1.6
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	1.3Megapixel (1280 x 960)
Frames Per Second	30 FPS (1280 x 720) / 12.5 FPS (1280x960) / NTSC/PAL
Video Output	32K~2M (8 Mbps max)
IR Cut Filter	Yes
Wide Dynamic Range (WDR)	---
LENS	
Focal Length	4.7~84.6 mm
Varifocal	18X Zoom
Aperture	f1.6
Lens Mount	---
Auto Iris	Yes
COMPRESSION	
Compression Type	H.264 SVC dual stream
AUDIO	
Audio Support	---
Two-Way Audio	---
Built-In Microphone	---
Built-In Speaker	---
SYSTEM INTEGRATION	
Video Motion Detection	Yes
Audio Detection	Yes
Alarm Inputs/Outputs	Yes
PTZ	Yes
SD Card Local Storage	Yes
Protocol Support	TCP/IP, HTTP, DHCP, DNS, RTP / RTCP, PPPoE (FTP, SMTP, NTP, SNMP addible)
Power Over Ethernet	---
Wireless	---
SECURITY	
Multi-Level Password	Yes
HTTPS Encryption	Yes
IP Address Filtering	Yes
IEEE 802.1X	Yes
ENVIRONMENTAL	
Operation Temperature	-22°F~149°F (-30°C~65°C)
Storage Temperature	14°F~122°F (10°C~50°C)
Operating Humidity	Up to 95%
Ingress Protection Rating (IEC 60529)	IP66
Weatherproof	Yes

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- 18x Optical Zoom(4.7 - 84.6mm Lens)
- H.264 hardware compression
- Progressive Scan CCD
- IR Cut Filter
- 1 Video BNC output
- 1 Audio input/output
- Dual compression stream
- Motion detection/Watermarking
- Alarm/Sensor Inputs/outputs
- Supports Voice over IP

AVAILABLE MODELS

Part number	Description
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Aventura - World Headquarters
 180 Adams Ave. Hauppauge, NY 11788 USA
 Tel: 631-300-4000 | Fax: 631-434-7000
www.aventuracctv.com

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Rev: 051711

Vandal Proof	Yes
ACCESSORIES	
Bracket	Wall Mount Included
Remote Control	- - -
ELECTRICAL	
Video Out	Composite signal (1Volt p-p 75Ω)
Signal Connector	RJ45 / BNC
Input Voltage	24 VAC
Current Draw	500 mA - 2 A
Power Consumption	15 Watts (30 Watts with Heater/Blower)
PHYSICAL	
Dimensions (W x H)	9.57" ø x 11.30" (243.08 x 287.02 mm)
Weight	11.25 lb (5103 g)
Housing Material	Zinc
Housing Color	White
Camera Mounting	Wall/ceiling
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	
3 Years	