



CAM-IPM-2X-DNPC

H.264 CCD IP Box Camera, 2 megapixel (1600 x 1200), 2.8-12mm VF Lens, True Day/Night, PoE

Aventura's H.264 IP 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.

- 2.0 Megapixel Resolution (1600x1200)
- 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
- POE (Power Over Ethernet)
- ONVIF Compliant
- ePTZ Support
- Motion detection Support
- VOIP Support
- Watermarking
- Client and Web Browser Software Included
- SDK Available

SPECIFICATIONS

CAMERA	
Image Sensor	CCD (Progressive scan)
Image Sensor Size	1/1.8"
Megapixel Sensor	Yes
Sensor Size in Megapixel	2.0
Min. Sensitivity (day)	Color (day) 0.5 lux at f1.2
Min. Sensitivity (night)	B&W (night) 0.05 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	1600x1200
Frames Per Second NTSC/PAL	60HZ: 30fps (1600x1200) 30fps@720p, 30fps@4CIF 50HZ: 25fps (1600x1200)
Bit Rate	32K~16 Mbps
IR Cut Filter	Yes
Wide Dynamic Range (WDR)	---
LENS	
Focal Length	2.8-12mm
Varifocal	Yes
Aperture	F1.2
Lens Mount	C/CS
Auto Iris	Yes
COMPRESSION	
Compression Type	H.264 SVC dual stream
AUDIO	
Audio Support	Yes
Two-Way Audio	Yes
Built-In Microphone	---
Built-In Speaker	---
SYSTEM INTEGRATION	
Video Motion Detection	Yes
Audio Detection	Yes
Alarm Inputs/Outputs	1 input / 1 relay output
ePTZ	Yes
Storage	Support SD/SDHC, NAS (iSCSI optional)
Protocol Support	TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE (FTP, SMTP, NTP, SNMP optional)
Power Over Ethernet	Class 1
Wireless	---
SECURITY	
Multi-Level Password	Yes
HTTPS Encryption	Yes
IP Address Filtering	Yes
IEEE 802.1X	Yes
ENVIRONMENTAL	
Operation Temperature	14°F to 140°F (-10°C to 60°C)
Storage Temperature	-4°F to 140°F (-20°C to 60°C)
Operating Humidity	Up to 90%

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AVAILABLE MODELS

Part number	Description
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Rev: 051711

Ingress Protection Rating (IEC 60529)	----
Weather Proof	----
Vandal Proof	YES
ACCESSORIES	
Bracket	Optional
Remote Control	----
ELECTRICAL	
Video Out	Composite signal (1Volt p-p 75Ω)
Signal Connector	RJ45/BNC
Input Voltage	12VDC&PoE
Current Draw	1 A
Power Consumption	5.5W MAX (13 Watts with ICR On)
PHYSICAL	
Dimensions (W x H)	2.68"×2.24"×5.70"(68" x 57 x 144.8 mm)
Weight	2.2 lb (1000 g)
Housing Material	Zinc
Housing Color	White
Camera Mounting	Wall/Ceiling
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	
3 Years	