



# CAM-IPM-3X-DNP

H.264 IP Box Camera, 3 megapixel (2048 x 1536), 2.8-12mm VF Lens, True Day/Night, PoE

Aventura's H.264 IP network cameras utilize a high performance progressive scan CMOS 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.

- 3.0 Megapixel Resolution (2048x1536)
- Progressive Scan CMOS Sensor
- **True Day/Night, Built in IR Cut Filter**
- Dual 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



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## SPECIFICATIONS

CAMERA	
Image Sensor	Progressive Scan CMOS
Image Sensor Size	1/2.5"
Megapixel Sensor	Yes
Sensor Size in Megapixel	3.0
Min. Sensitivity (day)	Color (day) 0.6 lux at f1.2
Min. Sensitivity (night)	B&W (night) 0.08 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	2048x1536
Frames Per Second NTSC/PAL	60Hz: 15fps (2048x1536), 30fps (1920x1080), 30fps (1600x1200) 50Hz: 12.5fps (2048x1536), 25fps(1920x1080), 25fps (1600x1200)
Bit Rate	32K-8 Mbps
IR Cut Filter	Yes
Wide Dynamic Range (WDR)	----
LENS	
Focal Length	2.8-12mm
Vari-focal	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	SD - Supports up to 32Gb
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)

## AVAILABLE MODELS

Part number	Description
CAM-IPM-3X-DNP	H.264 IP box camera, 3 megapixel (2048x1536), 2.8-12mm Auto Iris lens, True Day/Night, 12 VDC PoE

Operating Humidity	Up to 95%
Ingress Protection Rating (IEC 60529)	----
Weather Proof	----
Vandal Proof	----
<b>ACCESSORIES</b>	
Bracket	Optional
Remote Control	----
<b>ELECTRICAL</b>	
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 (10 Watts with ICR On)
<b>PHYSICAL</b>	
Dimensions (W x H)	2.68"×2.24"×5.70"(68" x 57 x 144.8 mm)
Weight	1.1 lb (500 g)
Housing Material	Zinc
Housing Color	White
Camera Mounting	Wall/Ceiling
<b>REGULATORY</b>	
Regulatory Type	CE, FCC, UL
<b>Warranty (Effective Jan 1, 2009)</b>	
3 Years	