



CAM-IPM-2D-21P

H.264 IP Dome Camera, 2 Megapixel (1600x1200),
2.7-9 mm Lens, PoE

D A T U M
series

Aventura's H.264 IP Dome 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.

- 2.0 Megapixel Resolution (1600x1200)
- Progressive Scan CMOS Sensor
- Electronic Day/Night
- 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
- Watermarking
- Client and Web Browser Software Included
- SDK Available

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SPECIFICATIONS

CAMERA	
Image Sensor	Progressive Scan CMOS
Image Sensor Size	1/3"
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) 0.1 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	1600x1200
Frames Per Second NTSC/PAL	60 Hz : 15 FPS (1600x1200) , 25FPS (1280x960) , 30fps (1280x720) 50 Hz :12.5 FPS (1600x1200) , 25FPS (1280x960) , 25fps (1280x720)
Video Output	32K~16 Mbps
IR Cut Filter	----
LENS	
Focal Length	2.7-9mm
Varifocal	----
Aperture	f1.2
Lens Mount	----
Auto Iris	----
COMPRESSION	
Compression Type	H.264/M-JPEG
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 Output
ePTZ	Yes
SD Card Local Storage	Yes - 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)
Operating Humidity	Up to 95%

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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Ingress Protection Rating(IEC 60529)	----
Weatherproof	----
Vandal Proof	----
ACCESSORIES	
Bracket	----
Remote Control	----
ELECTRICAL	
Video Out	----
Signal Connector	RJ45/BNC
Input Voltage	DC21/PoE
Current Draw	350mA
Power Consumption	4 Watts
PHYSICAL	
Dimensions (W x H x D)	5.75" x 5.26" (145mm x 132.8mm)
Weight	2lb (900 g)
Housing Material	Zinc
Housing Color	Silver
Camera Mounting	Wall/ceiling (3 Axis)
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	
3 Years	