



CAM-IPM-03D-21IR-VP

H.264 IP Vandal Dome Camera, .3 megapixel (640x480), 2.8-12mm VF Lens, Infrared, Weatherproof, PoE

Aventura's H.264 IP network dome 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 Megapixel Resolution (640x480)
- Progressive Scan CMOS Sensor
- Dual H.264 compression stream
- Infrared up to 60ft
- Motion detection/Watermarking
- SD Slot/Alarm/Sensor Inputs/outputs
- POE (Power Over Ethernet)
- Vandal proof/ Weatherproof
- 2 ch. Alarm in/2 ch. alarm out
- ONVIF Compliant
- VOIP Support
- Watermarking
- Client and Web Browser Software Included
- SDK Available

SPECIFICATIONS

CAMERA	
Image Sensor	Progressive Scan CMOS
Image Sensor Size	1/4"
Megapixel Sensor	Yes
Sensor Size in Megapixel	.3
Min. Sensitivity (day)	Color (day) 0.2 lux at f1.4
Min. Sensitivity (night)	B&W (night) 0 lux at f1.2
VIDEO	
Day/Night (Electronic)	Infrared
Maximum Video Resolution	640 x 480
Frames Per Second NTSC/PAL	30 FPS /25 FPS (640 x 480)
Bit Rate	32Kbps ~8Mbps
IR Cut Filter	Yes (Infrared)
Wide Dynamic Range (WDR)	----
LENS	
Focal Length	2.8~12mm
Varifocal	Yes
Aperture	F1.2
Lens Mount	C/CS
Auto Iris	DC
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	2 input / 2 relay output
ePTZ	----
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)

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AVAILABLE MODELS

Part number	Description
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Rev: 051911

Operating Humidity	Up to 95%
Ingress Protection Rating (IEC 60529)	IP66
Weather Proof	Yes
Vandal Proof	Yes
ACCESSORIES	
Bracket	---
Remote Control	---
ELECTRICAL	
Video Out	---
Signal Connector	RJ45
Input Voltage	12VDC/PoE
Current Draw	550mA
Power Consumption	6 Watts (6.5 Watts with IR on)
PHYSICAL	
Dimensions (W x H)	5.51" x 4.49" (140mm x 114mm)
Weight	3.08lbs (1400g)
Housing Material	Vandal Proof
Housing Color	Silver
Camera Mounting	Ceiling/Wall
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	
3 Years	