



CAM-IPM-2D-29P-WDRI

H.264 IP Vandal Dome camera, 1080P (1920x1080), 2.7~9mm Auto Iris lens, Wide Dynamic Range, IR, PoE

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.

- 1080P Megapixel Resolution (1920x1080)
- Wide Dynamic Range CMOS Sensor
- Infrared/IR Cut Filter up to 60Ft.
- 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

© Aventura



SPECIFICATIONS

CAMERA	
Image Sensor	1080P Wide Dynamic Range CMOS
Image Sensor Size	1/3"
Megapixel Sensor	Yes
Sensor Size in Megapixel	2.0
Min. Sensitivity (day)	Color (day) 0.1 lux at f1.2
Min. Sensitivity (night)	B&W (night) 0 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes (Infrared up to 60Ft.)
Maximum Video Resolution	1920x1080
Frames Per Second NTSC/PAL	60 Hz : 30 FPS (1920x1080), 30fps (1280x720) 50 Hz : 25FPS (1920x1080), 25fps (1280x720)
Video Output	32K~16 Mbps
IR Cut Filter	Yes
LENS	
Focal Length	2.7~9 mm
Varifocal	Yes
Aperture	f1.2
Lens Mount	C/CS
Auto Iris	Yes
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	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%

- 1080P Megapixel Resolution (1920x1080)
- Wide Dynamic Range CMOS Sensor
- Infrared/IR Cut Filter up to 60Ft.
- Dual H.264 compression stream
- Motion detection/Watermarking
- SD Slot/Alarm/Sensor Inputs/outputs
- POE (Power Over Ethernet)
- ONVIF Compliant

AVAILABLE MODELS

Part number	Description
-------------	-------------

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

Aventura and the Aventura logo are registered trademarks of Aventura Technologies, Inc.
 Specifications subject to change without notice. ©Copyright 2011. All rights reserved

CAM-IPM-2D-29P-WDRI

Rev: 051811

Ingress Protection Rating(IEC 60529)	IP66
Weatherproof	Yes
Vandal Proof	Yes
ACCESSORIES	
Bracket	Optional
Remote Control	- - -
ELECTRICAL	
Video Out	Composite signal (1Volt p-p 75Ω)
Signal Connector	RJ45/BNC
Input Voltage	12 VDC / PoE
Current Draw	600mA
Power Consumption	6 Watts (6.5 Watts with IR on)
PHYSICAL	
Dimensions (W x H x D)	5.51" x 4.49" (140mm x 114 mm)
Weight	3.25 lb (1400 g)
Housing Material	Zinc
Housing Color	White
Camera Mounting	Wall/ceiling (3 Axis)
REGULATORY	
Regulatory Type	CE, FCC, UL
Warranty (Effective Jan 1, 2009)	
3 Years	