



# CAM-IPM-2D-29P-VP

H.264 IP Vandal Dome camera, 2 megapixel (1600x1200), 2.7~9mm Auto Iris lens, Day/Night, 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.

- 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
- VOIP Support
- Watermarking
- Client and Web Browser Software Included
- SDK Available

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## SPECIFICATIONS

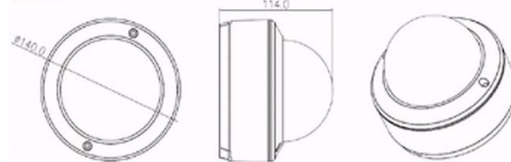
| CAMERA                     |  |
|----------------------------|--|
| Image Sensor               | Progressive Scan CMOS  |
| Image Sensor Size          | 1/3"   |
| Megapixel Sensor           | Yes  |
| Sensor Size in Megapixel   | 2.0  |
| Min. Sensitivity (day)     | Color (day) 0.5 lux at f1.2  |
| Min. Sensitivity (night)   | B&W (night) 0.1 lux at f1.2  |
| VIDEO                      |  |
| Day/Night (Electronic)     | Yes  |
| Maximum Video Resolution   | 1600 x 1200  |
| Frames Per Second NTSC/PAL | 60 Hz : 15 FPS (1600x1200) , 25FPS (1280x960) , 30fps (1280x720)<br>50 Hz :12.5 FPS (1600x1200), 25FPS (1280x960) , 25fps (1280x720) |
| Video Output               | 32K~8 Mbps   |
| IR Cut Filter              | ---  |
| LENS                       |  |
| Focal Length               | 2.7~9 mm   |
| Varifocal                  | Yes  |
| Aperture                   | f1.2   |
| Lens Mount                 | C/C/S  |
| 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       | 1 input / 1 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%  |

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## AVAILABLE MODELS

| Part number       | Description  |
|-------------------|--|
| CAM-IPM-2D-29P-VP | H.264 IP Vandal Dome camera, 2 megapixel (1600x1200), 2.7~9mm Auto Iris lens, Day/Night, PoE |

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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](http://www.aventuracctv.com)

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**CAM-IPM-2D-29P-VP**

Rev: 051911

|   |  |
|---|--|
| Ingress Protection Rating ( IEC 60529)  | IP66                                   |
| Weatherproof                            | Yes                                    |
| Vandal Proof                            | Yes                                    |
| <b>ACCESSORIES</b>                      |  |
| Bracket                                 | Optional                               |
| Remote Control                          | - - -                                  |
| <b>ELECTRICAL</b>                       |  |
| Video Out                               | Composite signal (1Volt p-p 75Ω)       |
| Signal Connector                        | RJ45/BNC                               |
| Input Voltage                           | 12 VDC / PoE                           |
| Current Draw                            | 375mA                                  |
| Power Consumption                       | 4.5 Watts                              |
| <b>PHYSICAL</b>                         |  |
| Dimensions (W x H x D)                  | 6" x 2.48" x 3" (154.5 x 68 x 77.5 mm) |
| Weight                                  | 3.25 lb (1400 g)                       |
| Housing Material                        | Zinc                                   |
| Housing Color                           | White                                  |
| Camera Mounting                         | Wall/ceiling (3 Axis)                  |
| <b>REGULATORY</b>                       |  |
| Regulatory Type                         | CE, FCC, UL                            |
| <b>Warranty (Effective Jan 1, 2009)</b> |  |
| 3 Years                                 |  |