



# CAM-IP-5X-WDR

H.264 CCD IP Box Camera, 540TVL Wide Dynamic Range, 2.8-12mm VF Lens, True Day/Night, PoE

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

- Wide Dynamic Range CCD Sensor
- True Day/Night, Built in IR Cut Filter
- Dual H.264 compression stream
- Motion detection/Watermarking
- SD Slot/Alarm/Sensor Inputs/outputs
- POE (Power Over Ethernet)
- ONVIF Compliant
- Motion detection Support
- VOIP Support
- Watermarking
- Client and Web Browser Software Included
- SDK Available



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## SPECIFICATIONS

CAMERA	
Image Sensor	Wide Dynamic Range CCD
Image Sensor Size	1/3" WDR
Megapixel Sensor	---
Sensor Size in Megapixel	---
Min. Sensitivity (day)	Color (day) 0.01 lux at f1.2
Min. Sensitivity (night)	B&W (night) 0.01 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	540 TVL
Frames Per Second NTSC/PAL	30 FPS (704 x 480) / 25 FPS (704 x 576)
Video Output	32Kbps-8Mbps
IR Cut Filter	Yes
LENS	
Focal Length	2.8-12 mm
Varifocal	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	---
SD Card Local Storage	Yes
Protocol Support	TCP/IP, HTTP, DHCP, DNS, DDNS, RTP/RTSP, PPPoE, SMTP, NTP(SNMP, HTTPS, FTP, SIP, 802.1x, IPv6 optional)
Power Over Ethernet	Class 3
Wireless	---
SECURITY	
Multi-Level Password	Yes
HTTPS Encryption	Yes
IP Address Filtering	Yes

## AVAILABLE MODELS

Part number	Description
CAM-IP-5X-WDR	H.264 CCD IP Box Camera, 540TVL Wide Dynamic Range, 2.8-12mm VF Lens, True Day/Night, PoE

IEEE 802.1X	Yes
<b>ENVIRONMENTAL</b>	
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%
Ingress Protection Rating (IEC 60529)	----
Weatherproof	----
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	12 VDC/PoE
Current Draw	800 mA
Power Consumption	5.5 Watts (10.5 Watts IR cut filter on)
<b>PHYSICAL</b>	
Dimensions (W/H/D)	4.57" x 2.32" x 2.48" (166 x 59 x 63 mm)
Weight	1.3 lb (590 g)
Housing Material	Zinc
Housing Color	Beige
Camera Mounting	Wall/ceiling
<b>REGULATORY</b>	
Regulatory Type	CE, FCC, UL
<b>Warranty (Effective Jan 1, 2009)</b>	
3 Years	