



# CAM-IP-5X

H.264 IP Box Camera, 540 TVL, 2.8~12 mm Varifocal Lens, Real-time 30FPS, 12 VDC, PoE

**DATUM**  
series

Aventura's H.264 IP network cameras utilize a high performance 1/3" progressive scan CCD sensor and Texas Instruments' advanced DSP for reliability and true performance in an all day/night situations. Multiple connection ports support both IP (digital) and composite (analog) video outputs. Advanced H.264 video codec offers high resolution and real time recording while conserving network bandwidth.

- Embedded OS
- TI Davinci hardware compression
- 1 channel H.264 video compression, real time
- 1 channel audio compression
- 1 BNC output
- High Resolution Video: 540 TVL(768 x 494)
- 4CIF/DCIF/2CIF/CIF/QCIF real time compression
- Dual compression stream
- Motion detection
- SD Card for local recording
- Variable bit rate and variable frame rate
- Internet Explore Web Client for network previewing
- Watermarking
- Sensor input and alarm output
- Support Voice over IP function
- Compatible with current SDK and client software

## SPECIFICATIONS

CAMERA	
Image Sensor	CCD (Progressive scan)
Image Sensor Size	1/3"
Megapixel Sensor	---
Sensor Size in Megapixel	---
Min. Sensitivity (day)	Color (day) 0.1 lux at f1.2
Min. Sensitivity (night)	B&W (night) 0.1 lux at f1.2
VIDEO	
Day/Night (Electronic)	Yes
Maximum Video Resolution	540 TVL (768 x 494)
Frames Per Second NTSC/PAL	30 FPS (704 x 480) / 25 FPS (704 x 576)
Video Output	16K~2M (8 Mbps max)
IR Cut Filter	Yes
LENS	
Focal Length	2.8~12 mm
Varifocal	Yes
Aperture	f1.0
Lens Mount	C/C/S
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, RTP/RTCP, PPPoE
Power Over Ethernet	Class 3
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%
Ingress Protection Rating (IEC 60529)	---
Weatherproof	---
Vandal Proof	---

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- H.264 SVC dual stream video
- Real-time (30 FPS)
- 540 TVL (768 x 494)
- 2.8~12 mm varifocal lens
- Motion detection/alarm
- SD card support
- 12 VDC PoE Compliant

## AVAILABLE MODELS

Part number	Description
CAM-IP-5X	H.264 IP box camera, 540 TVL, 2.8~12 mm varifocal lens, Real-time 30 FPS, 12 VDC, PoE

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<b>ACCESSORIES</b>	
Bracket	Optional
Remote Control	- - - -
<b>ELECTRICAL</b>	
Video Out	Composite signal (1Volt p-p 75Ω)
Signal Connector	BNC
Input Voltage	12 VDC/PoE
Current Draw	350 mA
Power Consumption	4 Watts (10 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	