

IP Infrared Camera

- H.264 SVC dual stream video
- Real-time (30 FPS)
- 540 TVL (768 x 494)
- 12.0 mm Fixed lens
- Infrared 90 ft zero lux illumination
- Motion detection/alarm
- 12 VDC
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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 weather, day/night situations. Multiple connection ports support both IP (digital) and composite (analog) video outputs. Automatic infrared illumination provides reliable night vision at zero lux. 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 540TVL
- 4CIF/DCIF/2CIF/CIF/QCIF real time compression
- Dual compression stream
- Motion detection
- 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

**540TVL
(768x494)**

Resolution



Infrared



IP

PoE

PoE Compliant



IP66 Weather-Proof



12VDC

Operating Voltage

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)	0 lux with IR

VIDEO

Day/Night (Electronic)	-- --
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	-- --
IR Distance	90 ft (30 m)
LENS	
Focal Length	12.0 mm
Varifocal	-- --
Aperture	f1.2
Lens Mount	Board
Auto Iris	-- --
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	-- --
Protocol Support	TCP/IP, HTTP, DHCP, DNS, RTP/RTCP, PPPoE
Power Over Ethernet	-- --
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)	IP66
Weatherproof	Yes
Vandal Proof	Yes
ACCESSORIES	
Bracket	Included
Remote Control	-- --
ELECTRICAL	
Video Out	Composite signal (1Volt p-p 75Ω)
Signal Connector	BNC
Input Voltage	12 VDC
Current Draw	600 mA
Power Consumption	7 Watts
PHYSICAL	
Dimensions (W/H/D)	3.41" x 3.28" x 8.98" (86.5 x 83.2 x 228 mm)
Weight	3.09 lb (1400 g)
Housing Material	Zinc
Housing Color	Silver
Camera Mounting	Wall/ceiling
REGULATORY	
Regulatory Type	CE, FCC, UL

Warranty (Effective Jan 1, 2009)

3 Years