AXIS P1311 Network Camera

Video surveillance with H.264 compression.

> Excellent image quality

> Multiple H.264 streams

> Intelligent video capabilities

> Local storage

> Power over Ethernet

AXIS P1311 Network Camera is a robust fixed network camera that delivers excellent video quality with H.264 compression and progressive scan.

AXIS P1311 provides crisp and clear images of both illuminated and low-light environments and is the perfect choice where a clearly visible camera is preferred for deterrence in environments such as schools, retail stores, banks and other office buildings.

Multiple H.264 and Motion JPEG streams can be provided either in full frame rate or individually optimized for different quality needs and bandwidth constraints. AXIS P1311 also supports MPEG-4 Part 2 for backward compatibility.

AXIS P1311 includes intelligent capabilities such as video motion detection, audio detection and alarm notification at tampering attempts such as blocking or spray-painting the camera.

Two-way audio support allows remote users to listen in on an area and communicate with visitors or intruders.

Powerful event management ensures efficient use of the cameras in a video surveillance system. AXIS P1311 offers an SD/SDHC memory card slot for optional local video storage in addition to the integrated pre/post-alarm buffering.

Power over Ethernet (IEEE 802.3af) supplies power to the camera via the network, eliminating the need for power cables and reducing installation costs.

44325/EN/R1/1109

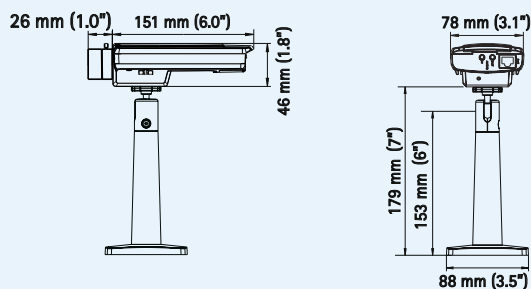# Technical Specifications – AXIS P1311 Network Camera

Camera

Image sensor	1/4" progressive scan RGB VGA CMOS
Lens	4.0 mm, F1.2, fixed iris, CS mount Angle of view, horizontal: 48°
Light sensitivity	0.6 - 30000 lux, F1.2
Shutter time	1/5000 s to 1/4 s

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Motion JPEG MPEG-4 Part 2 (ISO/IEC 14496-2)
Resolutions	640x480 to 160x120
Frame rate H.264/ Motion JPEG/ MPEG–4 Part 2	30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264, Motion JPEG and MPEG-4 Part 2 Controllable frame rate and bandwidth VBR/CBR H.264 & MPEG-4 Part 2
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation Text and image overlay Privacy mask

Audio

Audio streaming	Two-way
Audio compression	AAC LC 8/16 kHz G.711 PCM 8 kHz G.726 ADPCM 8 kHz Configurable bit rate
Audio input/ output	Built-in microphone, external microphone input or line input, line output

Network

Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control*, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications, available at www.axis.com ONVIF, specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera connection
Intelligent video	Video motion detection, active tampering alarm, audio detection
Alarm triggers	Intelligent video and external input
Alarm events	File upload via FTP, HTTP and email Notification via email, HTTP and TCP External output activation Video and audio recording to local storage Pre- and post-alarm video buffering
Installation aids	Focus assistant, pixel counter

General

Casing	Metal (zinc)
Processor and memory	ARTPEC-B, 64 MB RAM, 32 MB Flash
Power	8-20 V DC max. 2.8 W Power over Ethernet IEEE 802.3af Class 1
Connectors	RJ-45 10BASE-T/100BASE-TX PoE; 3.5 mm mic/line in, 3.5 mm line out; terminal blocks for power, 1 alarm input and 1 output
Local storage	SD/SDHC memory card slot (card not included)
Operating conditions	-10 °C to 55 °C (14 °F to 131 °F) Humidity 20 - 80% RH (non-condensing)
Approvals	EN 55022, EN 55024, EN 60950-1, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Power supply: EN 60950-1, UL, CSA
Weight	584 g (1.29 lb.)
Included accessories	Power supply, stand, connector kit, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)

More information is available at www.axis.com

Dimensions

26 mm (1.0") 151 mm (6.0") 46 mm (1.8")

78 mm (3.1")

179 mm (7") 153 mm (6")

88 mm (3.5")

Optional accessories

Various housings for indoor use

AXIS T90A Illuminators | AXIS PoE Midspan 1-port | AXIS T8412 Installation Display

For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see www.axis.com/products/video/software/

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