

AXIS P13 Network Camera Series

Superb image quality for video surveillance in any environment.



- > Superb video quality including HDTV
- > Multiple H.264 and Motion JPEG video streams
- > Digital PTZ
- > Focus assistant
- > Remote back focus

AXIS P13 Network Cameras deliver superb image quality with H.264 compression and are ideal for high-performance surveillance in any environment. The megapixel model also delivers HDTV video.

AXIS P13 Series consists of AXIS P1311 with VGA resolution; AXIS P1343 with SVGA resolution; and AXIS P1344 with 1 megapixel resolution that also enables HDTV 720p video. The last two models have wide dynamic range, and day and night functionality for superb image quality in daylight and dark conditions.

All AXIS P13 cameras deliver multiple, individually configurable streams in H.264 and Motion JPEG. H.264 greatly reduces bandwidth and storage needs without compromising image quality. With AXIS P1311, MPEG-4 Part 2 is also supported.

AXIS P1343 and AXIS P1344 enable digital pan/tilt/zoom, which allows a view cropped from the full view to be streamed for viewing or recording. This capability helps minimize the bit rate and storage needs by optimizing the viewing angle after installation.

AXIS P13 cameras support features that make installation easy. They include Power over Ethernet; the focus assistant, which indicates that an image is in focus when the front LED flashes green; and the pixel counter, which can verify if the required pixel resolution is met. Additionally, AXIS P1343 and AXIS P1344 offer the remote back focus function, which enables the focus to be fine-tuned from a computer.



Technical Specifications – AXIS P13 Network Camera Series

Camera	
Models	AXIS P1311: VGA resolution AXIS P1343: SVGA resolution, day and night AXIS P1344: 1 MP/HDTV 720p, day and night
Image sensor	AXIS P1311: Progressive scan RGB CMOS 1/4" AXIS P1343: Progressive scan RGB CMOS 1/4" AXIS P1344: Progressive scan RGB CMOS 1/4"
Lens	AXIS P1311: 4.0 mm: 42° view*, F1.2, fixed iris, CS mount AXIS P1343: Varifocal 3–8 mm: 25° – 59° view*, F1.4, DC-iris, CS mount AXIS P1344: Varifocal 3–8 mm: 32° – 74° view*, F1.2, DC-iris, CS mount AXIS P1343/P1344: Remote back focus *horizontal angle of view
Day and night	AXIS P1343/P1344: Automatically removable infrared-cut filter
Light sensitivity/Min. illumination	AXIS P1311: Color: 0.6 – 30000 lux, F1.2 AXIS P1343: Color: 0.3 lux, B/W: 0.05 lux, F1.4 AXIS P1344: Color: 0.3 lux, B/W: 0.05 lux, F1.2
Shutter time	AXIS P1311: 1/5000 s to 1/4 s AXIS P1343/P1344: 1/24500 s to 1/6 s
Video	
Video compression	AXIS P1311: H.264 (MPEG-4 Part 10/AVC), Motion JPEG, MPEG-4 Part 2 AXIS P1343/P1344: H.264 (MPEG-4 Part 10/AVC), Motion JPEG
Resolutions	AXIS P1311: 640x480 (VGA) to 160x120 AXIS P1343: 800x600 (SVGA) to 160x90 AXIS P1344: 1280x800 (1 MP) to 160x90
Frame rate H.264/Motion JPEG	30 fps in all resolutions
Video streaming	Multiple streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264 Figures below specify the number of individually configurable streams provided in full resolution and frame rate (see details above) when using one compression format. More streams can be achieved if identical or limited in frame rate/resolution. AXIS P1311: H.264: 1 stream; Motion JPEG: 2 streams; MPEG-4 Part 2 (VBR/CBR) also supported: 1 stream AXIS P1343: H.264/Motion JPEG: 2 streams AXIS P1344: H.264: 1 stream (2 streams in HDTV 720p); Motion JPEG: 1 stream
Pan/Tilt/Zoom	AXIS P1343/P1344: Digital PTZ, preset positions, guard tour
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 AXIS P1343/P1344: Wide dynamic range – dynamic contrast, mirroring of images

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, digest authentication, HTTPS encryption*, IEEE 802.1X network access control*, 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

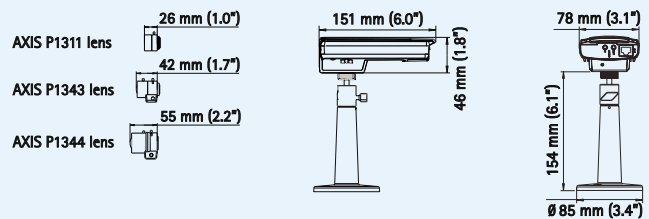
Application Programming Interface	Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com
Intelligent video	Video motion detection, active tampering alarm, audio detection
Alarm triggers	Intelligent video, external input
Alarm events	File upload via FTP, HTTP and email; notification via email, HTTP and TCP; external output activation; video recording to local storage
Video buffer	AXIS P1311: 16 MB pre- and post alarm AXIS P1343/P1344: 48 MB pre- and post alarm

General

Casing	Metal (zinc)
Processor and memory	AXIS P1311: ARTPEC-B, 64 MB RAM, 32 MB Flash AXIS P1343/P1344: ARTPEC-3, 128 MB RAM, 128 MB Flash
Power	8–20 V DC Power over Ethernet (PoE) IEEE 802.3af AXIS P1311: max. 2.8 W, PoE Class 1 AXIS P1343/P1344: max. 6.4 W, PoE Class 2
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	Humidity 20 – 80% RH (non-condensing) AXIS P1311: -10 to 55 °C (14 to 131 °F) AXIS P1343/P1344: 0 to 50 °C (32 to 122 °F)
Approvals	EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, EN 60950-1
Weight	AXIS P1311: 590 g (1.3 lb.) AXIS P1343: 590 g (1.3 lb.) AXIS P1344: 620 g (1.4 lb.)
Included accessories	Mounting and connector kits, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license
Video management software (not included)	AXIS Camera Station and video management software from Axis' Application Development Partners. For more information, see www.axis.com/products/video/software/

More information is available at www.axis.com

Dimensions



Optional accessories

Various housings



AXIS T90A Illuminators



Lenses



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