AXIS P3304 Network Camera

Discreet video surveillance with outstanding H.264 performance

> Superior image quality

> Multiple H.264 streams

> Unobtrusive and compact design

> Intelligent video capabilities

> Power over Ethernet

AXIS P3304 Network Camera is designed for indoor environments where discreet and compact solutions is required. Ideal for video surveillance systems with tough quality and efficiency requirements, e.g. in retail stores, schools, prisons, banks and airports.

AXIS P3304 provides HDTV 720p or 1 megapixel resolution at full frame rate, including progressive scan and wide dynamic range-dynamic contrast.

The fixed dome includes intelligent capabilities such as video motion detection, audio detection and detection of camera tampering attempts like blocking or spray painting.

Power over Ethernet eliminates the need for power cables and reduces installation costs. The pixel counter helps the installer verify that the pixel resolution fulfills specific requirements for identification purposes.

Technical Specifications - AXIS P3304 Network Camera

Models	1 MP/HDTV 720p, Tamper-resistant casing

Camera

Image sensor	1/4" Progressive scan RGB CMOS
Lens	Varifocal 2.8–10 mm, Horizontal angle of view: 80°–22°, F1.7, DC-iris
Minimum illumination	0.9 lux F1.7
Shutter time	1/24500 s to 1/6 s
Camera angle adjustment	Pan 360°, Tilt 170°, Rotation 340°
Pan/Tilt/Zoom	Digital PTZ, Preset positions, Guard tour

Video

Video compression	H.264 (MPEG-4 Part 10/AVC), Motion JPEG
Resolutions	1280x800 to 160x90
Frame rate	30 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/CBR H.264
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Exposure zones, Backlight compensation, Wide dynamic range - dynamic contrast, Fine tuning of behavior at low light, Mirroring of images, Rotation including Corridor Format, Text and image overlay, Privacy mask

Audio

Audio streaming	Two-way
Audio compression	AAC LC 8 kHz, 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 level output

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, 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® and AXIS Camera Application Platform; specifications at www.axis.com; AXIS Video Hosting System (AVHS) with One-Click Camera Connection; ONVIF; specification available at www.onvif.org

Intelligent video	Video motion detection, Active tampering alarm, Audio detection, AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Intelligent video, External input
Event actions	File upload: FTP, HTTP and email; Notification: email, HTTP and TCP; Video and audio recording to edge storage, External output activation
Built-in installation aids	Pixel counter

General

Casing	Tamper-resistant plastic casing, Polycarbonate transparent cover, Metal inner camera module with encapsulated electronics
Memory	128 MB RAM, 128 MB Flash
Power	4.9–5.1 V DC max. 4.7 W; Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2 (max. 4.7 W)
Connectors	RJ45 10BASE-T/100BASE-TX PoE, DC jack; Terminal block for 1 alarm input and 1 output; 3.5 mm mic/line in, 3.5 mm line out
Edge storage	Support for recording to dedicated network-attached storage (NAS)
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 20–80% RH (non-condensing)
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 Power supply: EN 60950-1, UL, CSA
Weight	440 g (1.0 lb)
Included accessories	Mounting and connector kits, Installation Guide, Installation and Management Software CD, Windows decoder 1-user license
Video management software	AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/products/video/software
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

More information is available at www.axis.com

Dimensions

⌀127 mm (5.0")
94 mm (3.7")
132 mm (5.2")
144 mm (5.7")
89 mm (3.5")

Optional accessories

1. Drop-ceiling mounts
2. White or black casings
3. Various mounting kits
4. AXIS T8414

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