

AXIS P3301/-V and P3304/-V Network Cameras

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 P3301/-V and AXIS P3304/-V Network Cameras are designed for indoor environments where discreet and compact solutions are required. Ideal for video surveillance systems with tough quality and efficiency requirements, e.g. in retail stores, schools, prisons, banks and airports.

AXIS P3301/-V and AXIS P3304/-V offer superior image quality including progressive scan and wide dynamic range, providing crisp and clear images of both illuminated and low-light areas. AXIS P3301/-V are VGA cameras and AXIS P3304/-V provide HDTV 720p or 1 megapixel resolution at full frame rate.

The vandal-resistant and the tamper-resistant models are specifically adapted for unobtrusive video surveillance in exposed indoor environments.

The fixed domes include 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 P3301/-V and P3304/-V Network Cameras

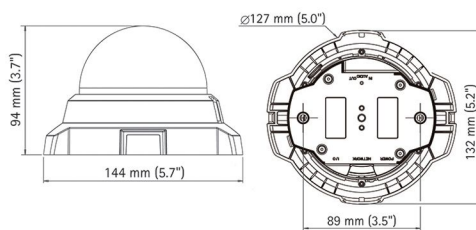
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|--------------------------------|---|
| Models | AXIS P3301: VGA resolution, tamper-resistant casing AXIS P3301-V: VGA resolution, vandal-resistant casing AXIS P3304: 1 MP/HDTV 720p, tamper-resistant casing AXIS P3304-V: 1 MP/HDTV 720p, vandal-resistant casing |
| Camera | |
| Image sensor | 1/4" progressive scan RGB CMOS |
| Lens | AXIS P3301/-V: Varifocal 2.8–10 mm, 72°–23° view ^a , F1.3, DC-iris AXIS P3304/-V: Varifocal 2.8–10 mm, 80°–22° view ^a , F1.7, DC-iris |
| Minimum illumination | AXIS P3301/-V: 1 lux, F1.3 AXIS P3304/-V: 0.9 lux F1.7 |
| Shutter time | AXIS P3301/-V: 1/20000 s to 1/4 s AXIS P3304/-V: 1/24500 s to 1/6 s |
| Camera angle adjustment | Pan 360°, tilt 170°, rotation 340° |
| Pan/Tilt/Zoom | AXIS P3304/-V: Digital PTZ, Preset positions, Guard tour |
| Video | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Motion JPEG |
| Resolutions | AXIS P3301/-V: 640x480 to 160x120 AXIS P3304/-V: 1280x800 to 160x90 |
| Frame rate | H.264: 30 fps in all resolutions; Motion JPEG: 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 (AXIS P3301: 3:4 only), 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 ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^b , 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 |

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| 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 | Polycarbonate transparent cover, Metal inner camera module with encapsulated electronics AXIS P3301/P3304: Tamper-resistant plastic casing AXIS P3301-V/P3304-V: 1000 kg (2200 lb) impact-resistant metal casing |
| 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 | AXIS P3301: 430 g (1.0 lb), AXIS P3304: 440 g (1.0 lb) AXIS P3301-V: 580 g (1.3 lb), AXIS P3304-V: 590 g (1.3 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. Horizontal angle of view
b. 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



Optional accessories

- Drop-ceiling mounts
- White or black casings
- Various mounting kits
- AXIS T8414

