

AXIS P3224-V Mk II Network Camera

Streamlined and versatile HDTV 720p fixed dome

AXIS P3224-V Mk II is a streamlined fixed dome that provides HDTV 720p video. It features a varifocal lens and remote zoom and focus, which eliminates the need for hands-on fine tuning. Equipped with WDR – Forensic Capture to handle scenes with strong variations in light as well as Lightfinder technology for exceptional light sensitivity, this versatile camera provides outstanding video quality in both strong and poor light conditions. It supports Axis Zipstream technology that significantly reduces bandwidth and storage requirements.

- > [HDTV 720p video quality](#)
- > [Remote zoom and focus](#)
- > [Axis Lightfinder technology](#)
- > [WDR – Forensic Capture](#)
- > [Axis Zipstream](#)



AXIS P3224-V Mk II Network Camera

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| Camera | | Data streaming | Event data |
| Image sensor | Progressive scan RGB CMOS 1/3" | Built-in installation aids | Remote zoom, Remote focus, Pixel counter |
| Lens | Varifocal, 2.8–10 mm, F1.6 Horizontal field of view: 90°–34° Vertical field of view: 48°–20° Remote focus and zoom, P-Iris control, IR corrected | General | |
| Day and night | Automatically removable infrared-cut filter | Casing | IP52-rated, IK08 impact-resistant, polycarbonate casing with dehumidifying membrane Encapsulated electronics and captive screws Color: white NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner. |
| Minimum illumination | HDTV 720p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.18 lux, F1.6 B/W: 0.04 lux, F1.6 HDTV 720p 50/60 fps: Color: 0.36 lux, F1.6 B/W: 0.08 lux, F1.6 | Sustainability | PVC free |
| Shutter time | 1/66500 s to 1 s | Memory | 512 MB RAM, 256 MB Flash |
| Camera angle adjustment | Pan ±180°, tilt -5 to +75°, rotation ±95° | Power | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max 4.8 W, typical 3.5 W |
| Video | | Connectors | RJ45 10BASE-T/100BASE-TX PoE |
| Video compression | H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG | Storage | Support for microSD/microSDHC/microSDXC card SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| Resolutions | 1280x960 to 160x90 | Operating conditions | 0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing) |
| Frame rate | With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth, VBR/MBR H.264 | Approvals | EMC EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35 Safety IEC/EN/UL 60950-1 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-78, IEC/EN 60529 IP52, IEC/EN 62262 IK08 |
| Multi-view streaming | 2 individually cropped out view areas | Dimensions | Height: 101 mm (4 in) ø 149 mm (5 7/8 in) |
| Pan/Tilt/Zoom | Digital PTZ | Weight | 550 g (1.2 lb) |
| Image settings | Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control (including automatic gain control), Exposure zones, Fine tuning of behavior at different light levels, WDR – forensic capture: up to 120 dB depending on scene, Text and image overlay, Mirroring of images, Privacy masks Rotation: 0°, 90°, 180°, 270°, including Corridor Format | Included accessories | Installation Guide, Windows decoder 1-user license, Mounting bracket, Cable gasket, Resistorx T20 L-key, Drill template, Connector guard |
| Network | | Optional accessories | AXIS ACI Conduit Bracket B AXIS ACI Conduit Adapters AXIS T94K01L Recessed Mount Kit AXIS T94K01D Pendant Kit AXIS Skin Cover C, Black AXIS Mounts Smoked dome |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available on www.axis.com/support/downloads |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| System integration | | Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| 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 Connection ONVIF Profile S and ONVIF Profile G, specification at www.onvif.org | a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (eyay@cryptsoft.com). | |
| Analytics | AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications, see www.axis.com/acap | Environmental responsibility: www.axis.com/environmental-responsibility | |
| Event triggers | Analytics, Edge storage events | | |
| Event actions | File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, TCP and SNMP trap Video recording to edge storage Pre- and post-alarm video buffering Send video clip Overlay text | | |