

AXIS P3224-VE Mk II Network Camera

Streamlined and versatile, outdoor-ready HDTV 720p fixed dome

AXIS P3224-VE Mk II is a streamlined, outdoor-ready 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. The vandal-resistant AXIS P3224-VE Mk II is IK10 rated.

- > [HDTV 720p video quality](#)
- > [Outdoor ready and IK10 rated](#)
- > [Remote zoom and focus](#)
- > [Lightfinder and WDR – Forensic Capture](#)
- > [Axis Zipstream](#)



AXIS P3224-VE Mk II Network Camera

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	IP66- and NEMA 4X-rated, IK10 impact-resistant 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 3, max 7.1 W, typical 4.6 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	-40 °C to 50 °C (-40 °F to 122 °F) Start-up: -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10 to 100% RH (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, IEC/EN/UL 60950-22 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14 IEC 60068-2-6 (vibration), IEC 60068-2-27 (shock), IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10
Multi-view streaming	2 individually cropped out view areas	Dimensions	Height: 104 mm (4 1/16 in) ø 149 mm (5 7/8 in)
Pan/Tilt/Zoom	Digital PTZ	Weight	800 g (1.8 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 low light, 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, Weather shield
Network		Optional accessories	AXIS ACI Conduit Bracket A AXIS ACI Conduit Adapters AXIS T94M01L Recessed Mount Kit AXIS T94T01D Pendant Kit including weather shield 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 (ey@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		