

## 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

<b>Camera</b>		<b>Data streaming</b>	Event data
<b>Image sensor</b>	Progressive scan RGB CMOS 1/3"	<b>Built-in installation aids</b>	Remote zoom, remote focus, pixel counter
<b>Lens</b>	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	<b>General</b>	
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Casing</b>	IP66- and NEMA 4X-rated, IK10 impact-resistant casing with hard-coated dome and 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.
<b>Minimum illumination</b>	HDTV 720p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.18 lux at 50 IRE, F1.6 B/W: 0.04 lux at 50 IRE, F1.6 HDTV 720p 50/60 fps: Color: 0.36 lux at 50 IRE, F1.6 B/W: 0.08 lux at 50 IRE, F1.6	<b>Mounting</b>	Mounting bracket with holes for junction boxes (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount ¼"-20 UNC tripod screw thread
<b>Shutter time</b>	1/66500 s to 1 s	<b>Sustainability</b>	PVC-free
<b>Camera angle adjustment</b>	Pan ±180°, tilt -5 to +75°, rotation ±95°	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Video</b>		<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3, max 7.1 W, typical 4.6 W
<b>Video compression</b>	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	<b>Connectors</b>	Shielded RJ45 10BASE-T/100BASE-TX PoE
<b>Resolution</b>	1280x960 to 160x90	<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Frame rate</b>	With WDR: 25/30 fps with power line frequency 50/60 Hz Without WDR: 50/60 fps with power line frequency 50/60 Hz	<b>Operating conditions</b>	-40 °C to 50 °C (-40 °F to 122 °F) Start-up: -30 °C to 50 °C (-22 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F) Humidity 10 to 100% RH (condensing)
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
<b>Multi-view streaming</b>	2 individually cropped out view areas	<b>Approvals</b>	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, KC CN32 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 Network NIST SP500-267
<b>Pan/Tilt/Zoom</b>	Digital PTZ, preset positions	<b>Dimensions</b>	Height: 104 mm (4 1/16 in) ø 149 mm (5 7/8 in)
<b>Image settings</b>	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	<b>Weight</b>	800 g (1.8 lb)
<b>Network</b>		<b>Included accessories</b>	Installation Guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistorx® T20 L-key, drill template, connector guard Weathershield
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X (EAP-TLS) <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection, signed firmware	<b>Optional accessories</b>	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 For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>System integration</b>		<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Guardian with One-Click Connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm <b>Supported</b> AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Perimeter Defender Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	<b>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).</b>	
<b>Event triggers</b>	Analytics, edge storage events, virtual inputs through API	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>	
<b>Event actions</b>	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text		