

## 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

<b>Camera</b>		Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text
<b>Image sensor</b>	Progressive scan RGB CMOS 1/3"	
<b>Lens</b>	Variofocal, 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>Data streaming</b> Event data
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Built-in installation aids</b> Remote zoom, remote focus, pixel counter
<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>General</b>
<b>Shutter speed</b>	1/66500 s to 1 s	<b>Casing</b> IP52-rated, IK08 impact-resistant, polycarbonate 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>Camera angle adjustment</b>	Pan ±180°, tilt -5 to +85°, rotation ±95°	<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>Video</b>		<b>Sustainability</b> PVC-free
<b>Video compression</b>	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	<b>Memory</b> 512 MB RAM, 256 MB Flash
<b>Resolution</b>	1280x960 to 160x90	<b>Power</b> Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max 4.8 W, typical 3.5 W
<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>Connectors</b> Shielded RJ45 10BASE-T/100BASE-TX PoE
<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</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>Multi-view streaming</b>	2 individually cropped out view areas	<b>Operating conditions</b> 0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)
<b>Pan/Tilt/Zoom</b>	Digital PTZ, preset positions	<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5-95% RH (non-condensing)
<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 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	<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, KCC KN32 Class B, KN35 Safety IEC/EN/UL 60950-1, IS 13252 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 Network NIST SP500-267
<b>Network</b>		<b>Dimensions</b> Height: 101 mm (4 in) ø 149 mm (5 7/8 in)
<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>Weight</b> 550 g (1.2 lb)
<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, MQTT	<b>Included accessories</b> Installation Guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistorx® T20 L-key, drill template, connector guard
<b>System integration</b>		<b>Optional accessories</b> 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 For more accessories, see <a href="http://axis.com">axis.com</a>
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T, specification at <a href="http://onvif.org">onvif.org</a>	<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>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>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Event triggers</b>	Analytics, edge storage events, virtual inputs through API	<b>Warranty</b> Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</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	

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

Environmental responsibility:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)