

AXIS P3235-LV Network Camera

Streamlined fixed dome for any light conditions, with extra connectivity

AXIS P3235-LV Network Camera is an HDTV 1080p fixed dome with two-way audio and I/O ports. It comes with audio connectors for line out and mic or line in, and has a supervised digital input and digital output. AXIS P3235-LV features a varifocal lens and remote zoom and focus, which eliminates need for hands-on fine tuning. Equipped with WDR – Forensic Capture to handle strong variations in light, Lightfinder for exceptional light sensitivity, built-in IR illumination with OptimizedIR, this versatile camera provides outstanding image usability in any light conditions. It supports Axis Zipstream which significantly reduces bandwidth and storage requirements.

- > [HDTV 1080p video quality](#)
- > [Lightfinder and WDR – Forensic Capture](#)
- > [Optimized IR illumination](#)
- > [Two-way audio: connectors for mic or line in, and line out](#)
- > [Supervised digital input and digital output](#)



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Camera		
Image sensor	Progressive scan RGB CMOS 1/3"	
Lens	Varifocal, 3–10 mm, F1.4 Horizontal field of view: 90°–34° Vertical field of view: 50°–20° Remote focus and zoom, P-Iris control, IR corrected	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	HDTV 1080p 25/30 fps with WDR – forensic capture and Lightfinder: Color: 0.16 lux at 50 IRE, F1.4 B/W: 0.03 lux at 50 IRE, F1.4; 0 lux with IR illumination on HDTV 1080p 50/60 fps: Color: 0.32 lux at 50 IRE, F1.4 B/W: 0.06 lux at 50 IRE, F1.4; 0 lux with IR illumination on	
Shutter time	1/66500 s to 1 s	
Camera angle adjustment	Pan ±180°, tilt –40 to +75°, rotation ±95°	
Video		
Video compression	H.264 Baseline, Main and High Profile (MPEG-4 Part 10/AVC) Motion JPEG	
Resolution	1920x1080 HDTV 1080p to 160x90	
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	
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	
Multi-view streaming	2 individually cropped out view areas	
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	
Pan/Tilt/Zoom	Digital PTZ, preset positions	
Audio		
Audio streaming	Full duplex	
Audio compression	24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	
Audio input/output	External microphone input, line input, digital input with ring power, line output	
Network		
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware	
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile S, and ONVIF [®] Profile T, specification at onvif.org	
Analytics	Included AXIS Video Motion Detection, active tampering alarm, audio detection Supported AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard, AXIS Perimeter Defender, AXIS Digital Autotracking,	AXIS People Counter, AXIS Tailgating Detector, AXIS Direction Detector, AXIS Occupancy Estimator, AXIS Random Inspection, AXIS Queue Monitor Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Event triggers	Analytics, external input, edge storage events, virtual inputs through API	
Event actions	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, external output activation, play audio clip	
Data streaming	Event data	
Built-in installation aids	Remote zoom, remote focus, pixel counter, optimized IR with adjustable IR illumination intensity	
General		
Casing	IP52-rated, IK08 impact-resistant, polycarbonate casing with hard-coated dome and dehumidifying membrane Color: white NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.	
Mounting	Mounting bracket with holes for junction boxes (double-gang, single-gang and 4" octagon) and for wall or ceiling mount ¼"-20 tripod screw thread	
Sustainability	PVC free	
Memory	512 MB RAM, 256 MB Flash	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Power consumption: max 9.6 W, typical 5.6 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised alarm input and 1 output (12 V DC output, max load 50 mA) Audio: 4-pin 2.5 mm (0.098 in) terminal block for audio in and out	
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs. Range of reach 30 m (100 ft) or more depending on the scene	
Storage	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 axis.com	
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10 to 85% RH (non-condensing)	
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)	
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A Safety IEC/EN/UL 60950-1, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6 (vibration), IEC 60068-2-14, IEC 60068-2-27 (shock), IEC 60068-2-30, IEC 60068-2-78, IEC/EN 60529 IP52, IEC/EN 62262 IK08 Network NIST SP500-267	
Dimensions	Height 101 mm (4 in) ø 149 mm (5 7/8 in)	
Weight	550 g (1.2 lb)	
Included accessories	Installation Guide, Windows decoder 1-user license, mounting bracket, cable gasket, Resistorx [®] T20 L-key, drill template, connector guard	
Optional accessories	AXIS ACI Conduit Bracket B, AXIS ACI Conduit Adapters, AXIS T94K02L Recessed Mount Kit, AXIS T94K01D Pendant Kit, AXIS Skin Cover C, Black, AXIS Mounts, Smoked dome	

	For more accessories, see axis.com
Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Languages	English, German, French, Spanish, Italian, Portuguese, Polish, Russian, Simplified Chinese, Traditional Chinese, Japanese, Korean

Warranty Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty

- 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).*

Environmental responsibility:

axis.com/environmental-responsibility