

AXIS M4216-LV Dome Camera

Varifocal 4 MP dome with IR and deep learning

The compact and discreet AXIS M4216-LV delivers great images, day and night. With a deep learning processing unit (DLPU), it's possible to take advantage of intelligent applications based on deep learning on the edge. Furthermore, Axis Edge Vault protects your Axis device ID and simplifies authorization of Axis devices on your network. Designed to blend seamlessly into any environment, the camera can be repainted and offers a wide range of accessories for discreet monitoring. It features an HDMI port and offers the flexibility to add audio and I/O connectivity using AXIS T61 Audio and I/O Interface.

- > Great image quality in 4 MP
- > Varifocal lens with remote zoom and focus
- > WDR, Lightfinder and OptimizedIR
- > Support for analytics with deep learning
- > HDMI output for public viewing monitors









AXIS M4216-LV Dome Camera

Company		
Camera Image sensor	1/2.7" progressive scan RGB CMOS	
Lens	Varifocal, 3–6 mm, F1.9 – 2.7	
Lens	Horizontal field of view: 100°-45°	
	Vertical field of view: 72°–34° Remote focus and zoom, fixed iris	
Day and night	Automatic IB-cut filter	
Minimum	With Lightfinder:	
illumination	Color: 0.18 lux at 50 IRE F2.0 B/W: 0.03 lux at 50 IRE F2.0, 0 lux when IR illumination is on	
Shutter speed	1/37500 s to 1/5 s	
Camera angle adjustment	Pan $\pm 180^\circ$, tilt -40 to $+65^\circ$, rotation $\pm 105^\circ$ Can be directed in any direction and see the wall/ceiling	
System on chip	(SoC)	
Model	CV25	
Memory	1024 MB RAM, 512 MB Flash	
Compute capabilities Video	Deep learning processing unit (DLPU)	
Video	H.264 (MPEG-4 Part 10/AVC) Main and High Profiles	
compression	H.265 (MPEG-H Part 2/HEVC) Main and High Profiles Motion JPEG	
Resolution	2304x1728 to 320x240	
Frame rate	25/30 fps with power line frequency 50/60 Hz	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG	
	Axis Zipstream technology in H.264 and H.265	
	Controllable frame rate and bandwidth VBR/MBR H.264/H.265	
	HDMI	
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	
HDMI output	HDMI 1080p (16:9) @25/30 fps (50/60 Hz) HDMI 720p (16:9) @50/60 fps (50/60 Hz)	
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, motion-adaptive exposure, WDR: up to 110 dB depending on scene, text and image overlay, mirroring of images, privacy mask Rotation: 0°, 90°, 180°, 270°, including Corridor Format	
Pan/Tilt/Zoom	Digital PTZ	
Audio		
Audio input/output	Two-way audio connectivity via optional AXIS T61 Audio and I/O Interfaces with portcast technology	
Network	Descurred anotaction, ID address filtering, LITTOCA association	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest	
	authentication, user access log, centralized certificate	
	management, brute force delay protection, signed firmware, secure boot, Axis Edge Vault with Axis device ID	
Supported	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , TLS ^a , QoS Layer	
protocols	3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP,	
	TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH,	
Constant in t	HDMI, LLDP, CDP, MQTT v3.1.1, Link-Local address (ZeroConf)	
System integra		
Application Programming	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at <i>axis.com</i>	
Interface	One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at <i>onvif.org</i>	
Event conditions	Device status: above operating temperature, above or below	
	operating temperature, below operating temperature, IP address	
	removed, network lost, new IP address, system ready, within operating temperature	
	Edge storage: recording ongoing, storage disruption	
	I/O: manual trigger, virtual input, digital input via AXIS T61 Audio and I/O Interfaces with portcast technology	
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	MQTT subscribe Scheduled and recurring: scheduled event Video: live stream open		
Event actions	MQTT publish Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text, zoom preset, day/night mode Pre- and post-alarm video or image buffering for recording or upload Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email External output activation via AXIS T61 Audio and I/O Interfaces with portcast technology		
Data streaming	Event data		
Built-in installation aids	Remote zoom, remote focus		
Analytics			
AXIS Object Analytics	Object classes: humans, vehicles (types: cars, buses, trucks, bikes) Trigger conditions: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event		
Applications	Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Face Detector, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap		
General			
Casing	IP42 water- and dust-resistant, IK08 impact-resistant, polycarbonate and aluminum casing with hard-coated dome Encapsulated electronics Color: white NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner.		
Sustainability	PVC free, BFR/CFR free, 43% recycled plastics		
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 5 W, max 9.7 W		
Connectors	RJ45 10BASE-T/100BASE-TX PoE HDMI type D Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology		
IR illumination	OptimizedIR with power-efficient, long-life 855 nm IR LEDs Range of reach 20 m (65.6 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 <i>axis.com</i>		
Operating conditions	0 °C to 45 °C (32 °F to 113 °F) Humidity 10-85% RH (non-condensing)		
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)		
Approvals	EMC CISPR 24, CISPR 35, EN 55032 Class A, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), KC KN32 Class A, KC KN35, RCM AS/NZS CISPR 32 Class A, VCCI Class A Safety IEC/EN/UL 62368-1, IS 13252 IEC 62471 Environment		
	IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-6, IEC/EN 60529 IP42, IEC/EN 62262 IK08 Network NIST SP500-267		

	ø 121 mm (4.76 in)		For more accessories, see axis.com
Weight	375 g (0.83 lb)	Video management software	AXIS Companion, AXIS Camera Station and video management software from Axis Application Development Partners. For more information, see axis.com/vms
Included accessories	Installation guide, Windows $^{\otimes}$ decoder 1-user license		
Optional accessories	AXIS TM3207 Recessed Mount AXIS T61 Audio and I/O Interface Series	Languages	English, German, French, Spanish, Italian, Russian, Japanese, Korean, Portuguese, Simplified Chinese, Traditional Chinese
	AXIS T94C01L Recessed Mount AXIS T94C01U Universal Mount AXIS T94C01M J-Box/Gang Box Plate AXIS M42 Casing A Black 4P AXIS M42 Smoked Dome A 4P AXIS T91A33 Lighting Track Mount	Warranty 5-year warranty, see axis.com/warranty 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).	
	AXIS T91A23 Tile Grid Ceiling Mount AXIS TM3101 Pendant Wall Mount AXIS Surveillance Cards	Environmental responsibility: axis.com/environmental-responsibility	

