

AXIS M3205-LVE Network Camera

Robust wide-angle surveillance in 1080p with IR

AXIS M3205-LVE offers a wide-angle view in HDTV 1080p for indoor and outdoor surveillance. This robust, IK10-rated fixed dome includes a weathershield and mounting bracket for easy installation. Featuring WDR and built-in IR illumination, it delivers clear and sharp video even in challenging light or complete darkness. Devices can be connected to the I/O ports to trigger alarms or actions, and the input can be supervised. Plus, you can connect the HDMI port to a monitor for public viewing. Furthermore, Zipstream enhanced with H.264 or H.265 significantly lowers bandwidth and storage requirements.

- > [HDTV 1080p](#)
- > [WDR and IR illumination](#)
- > [Wide-angle view](#)
- > [I/O connectivity](#)
- > [Zipstream and support for H.264/H.265](#)



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Camera		Built-in installation aids	Pixel counter, OptimizedIR with adjustable IR illumination intensity
Image sensor	1/2.9" progressive scan RGB CMOS	General	
Lens	3.1 mm, F2.0 Horizontal field of view: 100° Vertical field of view: 54° Fixed iris, IR corrected	Casing	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.
Day and night	Automatically removable infrared-cut filter	Mounting	Mounting bracket with holes for junction box (double-gang, single-gang, and 4" octagon) and for wall or ceiling mount ¼"-20 UNC tripod screw thread
Minimum illumination	Color: 0.2 lux B/W: 0.04 lux 0 lux with IR illumination on	Sustainability	PVC free
Shutter time	1/32500 s to 1/5 s	Memory	512 MB RAM, 128 MB Flash
Camera angle adjustment	Pan ±175°, tilt 65°, rotation ±180°	Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 12.0 W, typical 3.7 W
Video		Connectors	RJ45 10BASE-T/100BASE-TX PoE HDMI type D I/O: 4-pin 2.5 mm (0.098 in) terminal block for 1 supervised digital input and 1 digital output (12 V DC output, max. load 25 mA)
Video compression	H.264 (MPEG-4 Part 10/AVC) High and Main Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	IR illumination	Power-efficient, long-life 850 nm IR LEDs Range of reach 20 m (65 ft) or more depending on the scene
Resolution	1920x1080 to 320x240	Storage	Support for microSD/microSDHC/microSDXC card and encryption Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz	Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Start-up temperature: -30 °C to 50 °C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
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 and H.265 HDMI	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Multi-view streaming	2 individually cropped out view areas	Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 62262 IK10, IEC/EN 60529 IP66, NEMA 250 Type 4X Network NIST SP500-267
HDMI output	HDMI 1080p (16:9) @25/30 fps (50/60 Hz) HDMI 720p (16:9) @50/60 fps (50/60 Hz)	Dimensions	Without weathershield: Height: 104 mm (4.06 in) Ø 149 mm (5.87 in)
Image settings	Compression, color saturation, brightness, sharpness, contrast, white balance, day/night threshold, exposure control (including automatic gain control), WDR up to 115 dB depending on scene, fine tuning of low-light behavior, text and image overlay, privacy masks, mirroring, rotation: 0°, 90°, 180°, 270°, including Corridor Format	Weight	With weathershield: 720 g (1.6 lb)
Pan/Tilt/Zoom	Digital PTZ	Included accessories	Installation guide, Windows® decoder 1-user license, drill template, Resistorx® T20 L-key, terminal block connectors, cable gaskets, connector guard, weathershield
Network		Optional accessories	AXIS TP3201/T94M02L Recessed Mount Kits (indoor/outdoor), AXIS T94K01D/T94T01D Pendant Kits (indoor/outdoor), AXIS TP3101 Pendant Wall Mount (indoor), AXIS Dome Intrusion Switch C, AXIS ACI Conduit Adapters, Axis mounts and microphones, smoked dome, black casing For more accessories, see axis.com
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	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
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	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 axis.com/warranty
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	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 (ey@cryptsoft.com).	
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	Environmental responsibility: axis.com/environmental-responsibility	
Event conditions	Analytics, external input, supervision of 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		
Data streaming	Event data		