

# 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](#)



# AXIS M3205-LVE Network Camera

Camera	
Image sensor	1/2.9" progressive scan RGB CMOS
Lens	3.1 mm, F2.0 Horizontal field of view: 100° Vertical field of view: 54° Fixed iris, IR corrected
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.2 lux at 50 IRE, F2.0 B/W: 0.04 lux at 50 IRE, F2.0 0 lux with IR illumination on
Shutter speed	1/32500 s to 1/5 s
Camera adjustment	Pan $\pm$ 175°, tilt 65°, rotation $\pm$ 180°
System on chip (SoC)	
Model	S5L
Memory	512 MB RAM, 512 MB Flash
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) High and Main Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG
Resolution	1920x1080 to 320x240
Frame rate	Up to 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/ABR/MBR H.264 and H.265 HDMI
Multi-view streaming	2 individually cropped out view areas
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 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, polygon privacy masks, mirroring, rotation: 0°, 90°, 180°, 270°, including Corridor Format, dynamic text and image overlay
Pan/Tilt/Zoom	Digital PTZ
Audio	
Audio input/output	Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)
Network	
Security	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
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>b</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)
System integration	
Application Programming Interface	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-click cloud connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile M, ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a> Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
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
Built-in installation aids	Pixel counter, OptimizedIR with adjustable IR illumination intensity
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
General	
Casing	IP66- and NEMA 4X-rated, IK10 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.
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
Sustainability	PVC free
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 12.0 W, typical 3.7 W
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) Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)
IR illumination	Power-efficient, long-life 850 nm IR LEDs Range of reach 20 m (65 ft) or more depending on the scene
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
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)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
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, IS 13252 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
Dimensions	Without weathershield: Height: 104 mm (4.06 in) Ø 149 mm (5.87 in)
Weight	With weathershield: 720 g (1.6 lb)
Included accessories	Installation guide, Windows <sup>®</sup> decoder 1-user license, drill template, Resistor <sup>®</sup> T20 L-key, terminal block connectors, cable gaskets, connector guard, weathershield
Optional accessories	AXIS TP3201/AXIS T94M02L Recessed Mount Kits (indoor/outdoor), AXIS T94K01D/AXIS T94T01D Pendant Kits (indoor/outdoor), AXIS TP3101 Pendant Wall Mount (indoor), AXIS Dome Intrusion Switch C, AXIS ACI Conduit Adapters, AXIS T6101 Audio and I/O Interface, AXIS T6112 Audio

	and I/O Interface, Axis mounts and microphones, smoked dome, black casing For more accessories, see <a href="http://axis.com">axis.com</a>	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<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>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>
		a.	<i>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).</i>