

# 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

<b>Camera</b>		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
<b>Image sensor</b>	1/2.9" progressive scan RGB CMOS	
<b>Lens</b>	3.1 mm, F2.0 Horizontal field of view: 100° Vertical field of view: 54° Fixed iris, IR corrected	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	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	
<b>Shutter speed</b>	1/32500 s to 1/5 s	
<b>Camera angle adjustment</b>	Pan ±175°, tilt 65°, rotation ±180°	
<b>System on chip (SoC)</b>		
<b>Model</b>	S5L	
<b>Memory</b>	512 MB RAM, 512 MB Flash	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) High and Main Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
<b>Resolution</b>	1920x1080 to 320x240	
<b>Frame rate</b>	Up to 25/30 fps with power line frequency 50/60 Hz	
<b>Video streaming</b>	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	
<b>Multi-view streaming</b>	2 individually cropped out view areas	
<b>HDMI output</b>	HDMI 1080p (16:9) @25/30 fps (50/60 Hz) HDMI 720p (16:9) @50/60 fps (50/60 Hz)	
<b>Image settings</b>	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	
<b>Pan/Tilt/Zoom</b>	Digital PTZ	
<b>Audio</b>		
<b>Audio input/output</b>	Two-way audio connectivity via optional AXIS T61 Audio and I/O Interfaces with portcast technology	
<b>Network</b>		
<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>Supported protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	
<b>System integration</b>		
<b>Application Programming Interface</b>	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 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.	
<b>Event conditions</b>	Analytics, external input, supervision of input, edge storage events, virtual inputs through API	
<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	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Pixel counter, OptimizedIR with adjustable IR illumination intensity	
<b>Analytics</b>		
<b>Applications</b>	<b>Included</b> AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm <b>Supported</b> Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	
<b>General</b>		
<b>Casing</b>	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.	
<b>Mounting</b>	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	
<b>Sustainability</b>	PVC free	
<b>Power</b>	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 3 Max 12.0 W, typical 3.7 W	
<b>Connectors</b>	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	
<b>IR illumination</b>	Power-efficient, long-life 850 nm IR LEDs Range of reach 20 m (65 ft) or more depending on the scene	
<b>Storage</b>	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>	
<b>Operating conditions</b>	-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)	
<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	
<b>Approvals</b>	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	
<b>Dimensions</b>	<b>Without weathershield:</b> Height: 104 mm (4.06 in) Ø 149 mm (5.87 in)	
<b>Weight</b>	<b>With weathershield:</b> 720 g (1.6 lb)	
<b>Included accessories</b>	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	
<b>Optional accessories</b>	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>	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>
<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>	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>	