AXIS COMMUNICATIONS

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**

ONVIF® | GMST

HDTV
NETWORK VIDEO

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 angle adjustment	Pan ±175°, tilt 65°, rotation ±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 optional AXIS T61 Audio and I/O Interfaces with portcast technology

Network

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
Supported protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS[a], TLS[a], QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, 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)

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S and ONVIF® Profile T, specification at *onvif.org* 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 *axis.com/acap*

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
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 *axis.com*
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® decoder 1-user license, drill template, Resistorx® 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 *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, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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).*

Environmental responsibility:

axis.com/environmental-responsibility

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