

AXIS M3105-LVE Network Camera

Discreet, outdoor-ready HDTV 1080p video surveillance with built-in IR illumination

AXIS M3105-LVE is an affordable, outdoor-ready fixed mini dome with a flat-faced design that suppresses reflections. Using WDR technology and IR illumination, it provides compact HDTV surveillance even in challenging light conditions or total darkness. The smart design allows for easy repainting, or using the optional black accessory casing to blend the camera into its environment. Axis' Zipstream technology reduces bandwidth and storage requirements. A variety of accessories are available for flexible and easy installation.

- > [Built-in IR illumination](#)
- > [HDTV 1080p video](#)
- > [WDR – Forensic Capture](#)
- > [Axis' Zipstream technology](#)
- > [Smart design for easy, flexible installation](#)



AXIS M3105-LVE Network Camera

Camera		Casing
Image sensor	1/2.8" progressive scan RGB CMOS	IP66-, NEMA 250 Type 4X, and IK08-rated, ASA polymer casing Encapsulated electronics, Captive screws (Torx 10) Color: White NCS S 1002-B For repainting instructions and impact on warranty, contact your Axis partner
Lens	M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 115° Vertical field of view: 64°	Sustainability PVC free
Day and night	Automatically removable infrared-cut filter	Memory 512 MB RAM, 256 MB Flash
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	Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical: 4.2 W, Max.: 6.2 W
Shutter time	1/66500 s to 2 s	Connectors RJ45 10BASE-T/100BASE-TX PoE
Camera angle adjustment	Pan: ±180° Tilt: 0° to 60° (0° = lens directed at a right angle to camera base) Rotation: ±95° Can be directed in any direction and see the wall/ceiling	IR illumination Power-efficient, long-life 850 nm IR LED. Range of reach up to 15 m (50 ft) depending on scene
Video		Storage Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Operating conditions -30°C to 50°C (-22 °F to 122 °F) Humidity 10–100% RH (condensing)
Resolutions	1920x1080 to 176x120	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F)
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz	Approvals EMC EN 55022 Class B, EN 55024, IEC 62471, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-78, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 62262 IK08, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60721-3-4 Class 4M3 Safety IEC/EN/UL 60950-22
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Axis' Zipstream technology in H.264 VBR/MBR H.264	Dimensions Height: 94 mm (3.7 in) ø 101 mm (4.0 in)
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	Weight 380 g (0.83 lb)
Pan/Tilt/Zoom	Digital PTZ	Included accessories Installation Guide, Windows decoder 1-user license, Torx L-key, Connector guard
Image settings	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control, WDR – Forensic Capture: up to 115 dB depending on scene. Rotation: 0°, 90°, 180°, 270° including Corridor Format, Text and image overlay, Privacy masks, Mirroring of images	Optional accessories AXIS T94B02D Pendant kit AXIS T94B01P Conduit Back Box AXIS T94B02M J-Box/Gang Box Plate Black casing Axis mounts AXIS Surveillance microSDXC™ Card For more accessories, see www.axis.com AXIS T94 mounts for various installations AXIS Surveillance microSDXC™ Card
Network		Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Supported protocols	IPv4/v6, 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, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
System integration		Environmental responsibility: www.axis.com/environmental-responsibility
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at www.onvif.org	
Analytics	AXIS Video Motion Detection 3, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap	
Event triggers	Analytics, Edge storage events	
Event actions	Notification: email, HTTP, HTTPS and TCP and SNMP trap Video recording to edge storage Send video clip Pre- and post-alarm video buffering Overlay text	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
General		

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).