**AXIS M3105-L Network Camera**
Discreet HDTV 1080p video surveillance with built-in IR illumination

AXIS M3105-L is an affordable, discreet 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-L Network Camera**

### Camera
- **Image sensor:** 1/2.8" progressive scan RGB CMOS
- **Lens:** M12 mount, Fixed iris, Fixed focus
  - 2.8 mm, F2.0
  - Horizontal field of view: 115°
  - Vertical field of view: 64°
- **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 time:** 1/66500 s to 2 s
- **Camera angle adjustment:** Pan: ±180°
  - Tilt: 0° to 60° (0° = lens directed at a right angle to camera base)
  - Rotation: ±95°
- **Video**
  - **Video compression:** H.264 (MPEG-4 Part 10(AVC)) Baseline, Main and High Profiles (Motion JPEG)
  - **Resolution:** 1920x1080 to 176x120
  - **Frame rate:** Up to 25/30 fps with power line frequency 50/60 Hz
  - **Video streaming:** Multiple, individually configurable streams in H.264 and Motion JPEG
  - **Pan/Tilt/Zoom:** Digital PTZ
  - **Image settings:** Com pression, 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

### Network
- **Security:** Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X (EAP-TLS) network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection, signed firmware
- **Supported protocols:** IPv4, IPv6, USB2.0, HTTP, HTTPS, SSA, TLS, QoS Layer 3 DiffServ, FTP, SFTP, OES, SMB, SMTP, Bonjour, UPnP, SNMP v1/v2/v3 (MDM), DNS, DNS, HTTP, RTSP, RTP, RTSP/RTCP, ULD, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP, MQTT

### System integration
- **Application Programming Interface:** Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com
- **AXIS Video Hosting System (AXVHS)** with One-Click Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T, specification at onvif.org

### Analytics
- **Included:**
  - AXIS Video Motion Detection, active tampering alarm
  - AXIS Digital Autotracking, AXIS Fence Guard, AXIS Motion Guard
  - AXIS Loitering Guard, AXIS People Counter, AXIS Queue Monitor
  - AXIS Occupancy Estimator, AXIS Direction Detector
  - AXIS Tailgating Detector, AXIS Random Selector
- **Supported:**
  - AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/apc

### Event triggers
- **Analytics, Edge storage events, Virtual inputs through API**
- **Event actions:**
  - File upload: FTP, SFTP, HTTP, HTTPS, network share, email Notification: email, HTTP, HTTPS, TCP, SMTP
  - Video recording to edge storage
  - Send video clip
  - Pre- and post-alarm video buffering
  - Overlay text
  - Day/night mode, overlay text, IR illumination, WDR mode

### Data streaming
- **Built-in installation aids:** Pixel counter
- **Event data**

### General
- **Casing:**
  - IP42 water and dust resistant (to comply with IP42, follow instructions in Installation Guide), 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**
- **Sustainability:**
  - Power: Power over Ethernet (PoE)
  - IEEE 802.3af/802.3at Type 1 Class 2
  - Typical: 4.2 W, Max.: 6.2 W
- **Connectors:** RJ45 10BASE-T/100BASE-TX PoE
- **IR illumination:** Power-efficient, long-life 850 nm IR LED. Range of reach 15 m (50 ft) or more depending on the scene
- **Storage:**
  - Support for microSD/microSDHC/microSDXC card
  - Support for recording to network-attached storage (NAS)
  - For SD card and NAS recommendations see axis.com
- **Operating conditions:**
  - 0 °C to 50 °C (32 °F to 122 °F)
  - Humidity 10–85% RH (non-condensing)
- **Storage conditions:**
  - -40 °C to 65 °C (–40 °F to 149 °F)
  - Humidity 5–95% RH (non-condensing)
- **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
  - IEC/EN/UL 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-6, IEC 60068-2-27, IEC/EN 610529 IP42, IEC 60721-3-4 Class 3
  - KN35
  - Safety IEC/EN/UL 62368-1, IEC 13252
- **Network:**
  - NIST SP500-267
- **Dimensions:**
  - Height: 85 mm (3.3 in)
  - Width: 100 mm (3.9 in)
- **Weight:** 360 g (0.8 lb)
- **Included accessories:**
  - Installation Guide, Windows decoder 1-user license, Torx® L-key
- **Optional accessories:**
  - AXIS T94802D Pendant kit
  - AXIS T94801P Conduit Back Box
  - AXIS T94802M J-Box/Gang Box Plate
  - AXIS M31-L Casing, Black
  - Axis Mounts
  - AXIS Surveillance microSD™ Card
  - For more accessories, see axis.com

### Video management software
- **AXIS Companion,** AXIS Camera Station, Video management software from Axis’ Application Development Partners available on axis.com/vms

### Languages
- **English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese**

### Warranty
- **AXIS 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty**

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