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# AXIS M3106-LVE Mk II Network Camera

## Discreet, outdoor-ready 4 MP video surveillance with built-in IR illumination

AXIS M3106-LVE Mk II 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
- > Quad HD/4 MP video
- > Wide Dynamic Range (WDR)
- > Axis Zipstream technology
- > Smart design for easy, flexible installation

# AXIS M3106-LVE Mk II Network Camera

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|---|---|
| **Camera** | |
| **Image sensor** | 1/3" progressive scan RGB CMOS |
| **Lens** | M12 mount, Fixed iris, Fixed focus<br>2.4 mm, F2.2<br>Horizontal field of view: 130°<br>Vertical field of view: 73° |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | Color: 0.3 lux at 50 IRE, F2.2<br>B/W: 0.06 lux at 50 IRE, F2.2<br>0 lux with IR illumination on |
| **Shutter time** | 1/31500 s to 1/5 s |
| **Camera angle adjustment** | Pan: ±180°<br>Tilt: 0° to 60° (0° = lens directed at a right angle to camera base)<br>Rotation: ±95°<br>Can be directed in any direction and see the wall/ceiling |
| **Video** | |
| **Video compression** | H.264 (MPEG-4 Part 10/AVC) Main and High Profiles<br>H.265 (MPEG-H Part 2/HEVC) Main Profile<br>Motion JPEG |
| **Resolution** | 2688x1520 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<br>Axis Zipstream technology in H.264 and H.265<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264/H.265 |
| **Multi-view streaming** | Up to 2 individually cropped out view areas in full frame rate |
| **Pan/Tilt/Zoom** | Digital PTZ |
| **Image settings** | Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, WDR: up to 100 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[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection |
| **Supported protocols** | IPv4, IPv6 USGv6, 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, LLDP |
| **System integration** | |
| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *www.axis.com*<br>AXIS Video Hosting System (AVHS) with One-Click Connection<br>ONVIF® Profile S and ONVIF® Profile G, specification at *onvif.org* |
| **Analytics** | **Included**<br>AXIS Video Motion Detection, active tampering alarm<br>**Supported**<br>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<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap* |
| **Event triggers** | Analytics, Edge storage events, Virtual inputs through API |
| **Event actions** | File upload: FTP, SFTP, HTTP, HTTPS, network share, email<br>Notification: email, HTTP, HTTPS, TCP, SNMP trap<br>Video recording to edge storage<br>Send video clip<br>Pre- and post-alarm video buffering<br>Overlay text |
| **Data streaming** | Event data |
| **Built-in installation aids** | Pixel counter |
| **General** | |
| **Casing** | IP66-, NEMA 250 Type 4X, and IK08-rated, ASA polymer casing<br>Encapsulated electronics, Captive screws (Torx 10)<br>Color: White NCS S 1002-B<br>For repainting instructions and impact on warranty, contact your Axis partner |
| **Sustainability** | PVC free |
| **Memory** | 512 MB RAM, 256 MB Flash |
| **Power** | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3<br>Typical: 5.1 W, Max.: 7.9 W |
| **Connectors** | RJ45 10BASE-T/100BASE-TX PoE |
| **IR illumination** | Power-efficient, long-life 850 nm IR LEDs. Range of reach 15 m (50 ft) or more depending on the scene |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see *www.axis.com* |
| **Operating conditions** | –30°C to 50°C (–22 °F to 122 °F)<br>Humidity 10–100% RH (condensing) |
| **Storage conditions** | -40 °C to 65 °C (-40 °F to 149 °F) |
| **Approvals** | **EMC**<br>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 A, KN35<br>**Environment**<br>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<br>**Safety**<br>IEC/EN/UL 62368-1<br>**Network**<br>NIST SP500-267 |
| **Dimensions** | Height: 94 mm (3.7 in)<br>ø 101 mm (4.0 in) |
| **Weight** | 370 g (0.81 lb) |
| **Included accessories** | Installation Guide, Windows decoder 1-user license, Torx L-key, Connector guard |
| **Optional accessories** | AXIS T94B02D Pendant kit<br>AXIS T94B01P Conduit Back Box<br>AXIS T94B02M J-Box/Gang Box Plate<br>AXIS M31-LVE Casing, Black<br>Axis Mounts<br>AXIS Surveillance microSDXC™ Card<br>For more accessories, see *www.axis.com* |
| **Video management software** | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.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 *www.axis.com/warranty* |

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 (eay@cryptsoft.com).*

**Environmental responsibility:**

**www.axis.com/environmental-responsibility**

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