

# AXIS M4206-LV Network Camera

Varifocal mini dome with IR and HDMI

AXIS M4206-LV Network Camera delivers clear, sharp video surveillance in any light conditions whether you need hawk-eye overviews or detailed close-ups. The ultra-compact and dust-resistant casing is designed to blend seamlessly into any indoor environment. AXIS M4206-LV only requires two screws to mount on ceiling or wall, and the camera features a varifocal lens that can be adjusted from a remote location. With over 40% recycled plastics, AXIS M4206-LV is designed for flexible, cost-effective and environment-friendly installations.

- > **3 MP/HDTV 1080p**
- > **Varifocal lens with remote zoom and focus**
- > **OptimizedIR and WDR for any light conditions**
- > **Zipstream with H.264 and H.265**
- > **HDMI output for public monitors**



# AXIS M4206-LV Network Camera

| Camera                            |                                                                                                                                                                                                                                                                                                                                                           | Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="https://axis.com/acap">axis.com/acap</a> |
|-----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Image sensor                      | 1/2.5" progressive scan RGB CMOS                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                       |
| Lens                              | Varifocal, 3–6 mm, F2.0<br>Horizontal field of view: 100°–45°<br>Vertical field of view: 72°–34°<br>Remote focus and zoom, fixed iris                                                                                                                                                                                                                     |                                                                                                                                                       |
| Day and night                     | Automatically removable infrared-cut filter                                                                                                                                                                                                                                                                                                               |                                                                                                                                                       |
| Minimum illumination              | Color: 0.26 lux at 50 IRE F2.0<br>B/W: 0.05 lux at 50 IRE F2.0, 0 lux when IR illumination is on                                                                                                                                                                                                                                                          |                                                                                                                                                       |
| Shutter speed                     | 1/10000 s to 1/5 s                                                                                                                                                                                                                                                                                                                                        |                                                                                                                                                       |
| Camera angle adjustment           | Pan ±180°, tilt -40 to +65°, rotation ±105°<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 and High Profiles<br>Motion JPEG                                                                                                                                                                                                                                     |                                                                                                                                                       |
| Resolution                        | 2048x1536 to 320x240                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                       |
| Frame rate                        | 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<br>HDMI                                                                                                                                                       |                                                                                                                                                       |
| Multi-view streaming              | Up to 2 individually cropped out view areas in full frame rate                                                                                                                                                                                                                                                                                            |                                                                                                                                                       |
| HDMI output                       | HDMI 1080p (16:9) @25/30 fps (50/60 Hz)<br>HDMI 720p (16:9) @50/60 fps (50/60 Hz)                                                                                                                                                                                                                                                                         |                                                                                                                                                       |
| Image settings                    | Compression, color, brightness, sharpness, contrast, white balance, exposure control, WDR: up to 110 dB depending on scene, text and image overlay, mirroring of images, privacy mask<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format                                                                                                         |                                                                                                                                                       |
| Pan/Tilt/Zoom                     | Digital PTZ                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                       |
| Network                           |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                       |
| Security                          | 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                                                                                            |                                                                                                                                                       |
| Supported protocols               | IPv4, IPv6 USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI, LLDP, MQTT v3.1.1                                                                |                                                                                                                                                       |
| System integration                |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                       |
| Application Programming Interface | Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="https://axis.com">axis.com</a><br>One-click cloud connection<br>ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="https://onvif.org">onvif.org</a> |                                                                                                                                                       |
| Event triggers                    | Analytics, edge storage events, virtual inputs through API                                                                                                                                                                                                                                                                                                |                                                                                                                                                       |
| Event actions                     | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email<br>Pre- and post-alarm video or image buffering for recording or upload<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text                                                                                |                                                                                                                                                       |
| Data streaming                    | Event data                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                       |
| Built-in installation aids        | Remote zoom, remote focus, pixel counter<br>OptimizedIR with adjustable IR illumination intensity                                                                                                                                                                                                                                                         |                                                                                                                                                       |
| Analytics                         |                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                       |
| Applications                      | Included<br>AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard<br>AXIS Video Motion Detection<br>Supported<br>AXIS People Counter, AXIS Occupancy Estimator, AXIS Direction Detector, AXIS Tailgating Detector, AXIS Random Selector, AXIS Queue Monitor                                                                                           |                                                                                                                                                       |

| General                   |                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Casing                    | IP42 water- and dust-resistant, IK08 impact-resistant, polycarbonate and aluminum casing with hard-coated dome (to comply with IP42, follow Installation Guide)<br>Encapsulated electronics<br>Color: white NCS S 1002-B<br>For repainting instructions of casing and impact on warranty, contact your Axis partner.                                                                                      |
| Sustainability            | PVC free, 43% recycled plastics                                                                                                                                                                                                                                                                                                                                                                           |
| Memory                    | 512 MB RAM, 512 MB Flash                                                                                                                                                                                                                                                                                                                                                                                  |
| Power                     | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3<br>Typical 4.6 W, max 8.1 W                                                                                                                                                                                                                                                                                                                 |
| Connectors                | RJ45 10BASE-T/100BASE-TX PoE<br>HDMI type D                                                                                                                                                                                                                                                                                                                                                               |
| IR illumination           | OptimizedIR with power-efficient, long-life 850 nm IR LEDs<br>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 <a href="https://axis.com">axis.com</a>                                                                                                                                                                              |
| Operating conditions      | 0 °C to 45 °C (32 °F to 113 °F)<br>Humidity 10–85% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                    |
| Storage conditions        | –40 °C to 65 °C (–40 °F to 149 °F)<br>Humidity 5–95% RH (non-condensing)                                                                                                                                                                                                                                                                                                                                  |
| Approvals                 | EMC<br>EN 55032 Class A, EN 50121–4, EN 55024, EN 61000–6–1, EN 61000–6–2, IEC 62236–4, FCC Part 15 Subpart B Class A, ICES–003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A<br>Safety<br>IEC/EN/UL 62368–1, IS 13252<br>IEC 62471<br>Environment<br>IEC 60068–2–1, IEC 60068–2–2, IEC 60068–2–14, IEC 60068–2–27, IEC 60068–2–6, IEC/EN 60529 IP42, IEC/EN 62262 IK08<br>Network<br>NIST SP500–267 |
| Dimensions                | Height: 71 mm (2.8 in)<br>ø 121 mm (4.76 in)                                                                                                                                                                                                                                                                                                                                                              |
| Weight                    | 370 g (0.82 lb)                                                                                                                                                                                                                                                                                                                                                                                           |
| Included accessories      | Installation guide, Windows <sup>®</sup> decoder 1-user license                                                                                                                                                                                                                                                                                                                                           |
| Optional accessories      | AXIS T94C01L Recessed Mount<br>AXIS T94C01U Universal Mount<br>AXIS T94C01M J-Box/Gang Box Plate<br>AXIS M42 Casing A Black 4P<br>AXIS M42 Smoked Dome A 4P<br>AXIS T91A33 Lighting Track Mount<br>AXIS T91A23 Tile Grid Ceiling Mount<br>AXIS TM3101 Pendant Wall Mount<br>AXIS Surveillance Cards<br>For more accessories, see <a href="https://axis.com">axis.com</a>                                  |
| Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="https://axis.com/vms">axis.com/vms</a>                                                                                                                                                                                                                                    |
| Languages                 | English, German, French, Spanish, Italian, Russian, Japanese, Korean, Portuguese, Simplified Chinese, Traditional Chinese                                                                                                                                                                                                                                                                                 |
| Warranty                  | 5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>                                                                                                                                                                                                                                                                                                                            |

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 (ey@cryptsoft.com).*

Environmental responsibility:  
[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)

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