

AXIS M3104-L Network Camera

Discreet HDTV 720p video surveillance with built-in IR illumination

AXIS M3104-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 720p video**
- > **WDR – Forensic Capture**
- > **Axis' Zipstream technology**
- > **Smart design for easy, flexible installation**



AXIS M3104-L Network Camera

Camera		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
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: 80° Vertical field of view: 45°	
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° Can be directed in any direction and see the wall/ceiling	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
Resolutions	1280x720 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 Controllable frame rate and bandwidth Axis' Zipstream technology in H.264 VBR/MBR H.264	
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	
Pan/Tilt/Zoom	Digital PTZ	
Network		Sustainability PVC free Memory 512 MB RAM, 256 MB Flash 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 up to 15 m (50 ft) depending on scene Storage Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations 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) 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 60529 IP42, IEC 60721-3-4 Class 3M3 Safety IEC/EN/UL 60950-1 Dimensions Height: 85 mm (3.3 in) ø 100 mm (3.9 in) Weight 360 g (0.78 lb) Included accessories Installation Guide, Windows decoder 1-user license, Torx L-key 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, AXIS T94 mounts for various installations AXIS Surveillance microSDXC™ Card Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available. Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese Warranty Axis 3-year warranty and AXIS Extended Warranty option
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	
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	
System integration		
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform. AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S	
Analytics	AXIS Video Motion Detection 3, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection and third-party applications.	
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		