

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	
Image sensor	1/2.8" progressive scan RGB CMOS	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	
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		Sustainability	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	PVC free	
Resolutions	1280x720 to 176x120	Memory	512 MB RAM, 256 MB Flash
Frame rate	Up to 25/30 fps with power line frequency 50/60 Hz	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical: 4.2 W, Max.: 6.2 W
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	Connectors	RJ45 10BASE-T/100BASE-TX PoE
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	IR illumination	Power-efficient, long-life 850 nm IR LED. Range of reach up to 15 m (50 ft) depending on scene
Pan/Tilt/Zoom	Digital PTZ	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
Network		Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 10–85% RH (non-condensing)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	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
System integration		Dimensions	Height: 85 mm (3.3 in) ø 100 mm (3.9 in)
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	Weight	360 g (0.78 lb)
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, see www.axis.com/acap	Included accessories	Installation Guide, Windows decoder 1-user license, Torx L-key
Event triggers	Analytics, Edge storage events	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
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	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Data streaming	Event data	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Built-in installation aids	Pixel counter	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
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). Environmental responsibility: www.axis.com/environmental-responsibility	