

AXIS M3046-V Network Camera

Quad HD / 4 MP fixed mini dome with HDMI and wide view

AXIS M3046-V is an affordably priced, indoor fixed dome that provides 4 MP video. WDR ensures that details are visible both in dark and bright areas. HDMI support enables live streaming to an HDTV monitor for public viewing. The camera supports video analytics such as people counting. AXIS M3046-V can also be used as an alternative to a camera with varifocal lens – its 4MP resolution and digital PTZ capability enable sharp, cropped out views in HDTV 1080p, for example, with a horizontal field of view between 95° and 128°. No manual focusing is needed since the camera comes factory-focused.

- > **Ultra-compact, vandal- and dust-resistant design**
- > **Digital PTZ and multi-view streaming**
- > **HDMI support enables streaming to a monitor**
- > **Axis' Zipstream technology for reduced bandwidth and storage**
- > **Axis' Corridor format & 3-axis camera angle adjustment**



AXIS M3046-V Network Camera

Camera		Data streaming	Event data
Image sensor	1/3" progressive scan RGB CMOS	Built-in installation aids	Pixel counter
Lens	M12 mount, Fixed iris, Fixed focus 2.4 mm, F2.2 Horizontal field of view: 128° Vertical field of view: 72°	General	
Light sensitivity	0.3 lux at 50 IRE F2.2	Casing	Color: White NCS S 1002-B (For repainting of cover, remove the transparent dome. Contact your Axis partner for repainting instructions), Encapsulated electronics, Captive screws (Torx 10), IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing
Shutter time	1/32500 s to 1/5 s	Sustainability	PVC free
Camera angle adjustment	Pan $\pm 177^\circ$, Tilt $\pm 65^\circ$, Rotation $\pm 176^\circ$ Can be directed in any direction and see the wall/ceiling	Memory	512 MB RAM, 256 MB Flash
Video		Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.8 W, max 3.2 W
Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG	Connectors	RJ45 10BASE-T/100BASE-TX PoE ^b HDMI Type D ^b
Resolutions	2688x1520 to 320x240	Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For memory card and NAS recommendations see www.axis.com
Frame rate	25/30 fps with power line frequency 50/60 Hz	Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 15-85% RH (non-condensing)
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 HDMI	Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	Approvals	EN 55032 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A and B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 22 Class B, KCC KN32 Class B, KN35, IEC/EN/UL 60950-1, IEC/EN 60529 IP42, IEC/EN 62262 Class IK08
Pan/Tilt/Zoom	Digital PTZ	Dimensions	Height: 56 mm (2.2 in) ø 101 mm (4.0 in)
HDMI output	HDMI 1080p@25/30 fps (50/60 Hz) HDMI 1080i@50/60 fps (50/60 Hz) HDMI 720p@50/60 fps (50/60 Hz) HDMI 720p@25/30 fps (50/60 Hz)	Weight	180 g (0.40 lb)
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, WDR, Text and image overlay, Mirroring of images, Privacy mask Rotation: 0°, 90°, 180°, 270°, including Corridor Format	Included accessories	Installation Guide, Windows decoder 1-user license, Torx L-key
Network		Optional accessories	AXIS T94B02D Pendant kit AXIS T94B02L Recessed mount AXIS T94B01P Conduit back box AXIS T94B02M J-Box/Gang box plate View protection Black casing Smoked dome Axis Mounts AXIS Surveillance microSDXC™ Card For more accessories see www.axis.com
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4b	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
System integration		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
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	<p>a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).</p> <p>b. Make sure that the cable has a slim connector plug</p>	
Analytics	AXIS Video Motion Detection 3, Active tampering alarm Support for AXIS Camera Application Platform enabling installation of AXIS Cross Line Detection, AXIS Digital Autotracking and third-party applications, see www.axis.com/acap	Environmental responsibility: www.axis.com/environmental-responsibility	
Event triggers	Analytics, Edge storage events		
Event actions	File upload: FTP, SFTP, HTTP, HTTPS network share and email 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		