

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		Overlay text
Image sensor	1/3" progressive scan RGB CMOS	
Lens	M12 mount, Fixed iris, Fixed focus 2.4 mm, F2.2 Horizontal field of view: 128° Vertical field of view: 69°	
Light sensitivity	0.3 lux at 50 IRE F2.2	
Shutter time	1/32500 s to 1/5 s	
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	
Video		
Video compression	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG	
Resolutions	2688x1520 to 320x240 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)	
Frame rate	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 HDMI	
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, Backlight compensation, WDR, Text and image overlay, Mirroring of images, Privacy mask Rotation: 0°, 90°, 180°, 270°, including Corridor Format	
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	
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4b	
System integration		
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	
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	
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	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
General		
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 instructions in Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing	
Sustainability	PVC free	
Memory	512 MB RAM, 256 MB Flash	
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.8 W, max 3.2 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE HDMI Type D	
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	
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 15-85% RH (non-condensing)	
Storage conditions	-40 °C to 70°C (-40°F to 158°F) Humidity 15-85% RH (non-condensing)	
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	
Dimensions	Height: 56 mm (2.2 in) Ø 101 mm (4.0 in)	
Weight	180 g (0.40 lb)	
Included accessories	Installation Guide, Windows decoder 1-user license, Torx L-key	
Optional accessories	AXIS T94 mounts for various installations Black casing Smoked dome Cover view AXIS Surveillance microSDXC™ Card 64 GB	
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software	
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese	
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 (<http://www.openssl.org/>), and cryptographic software written by Eric Young (easy@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility