

AXIS M3046-V Network Camera

Multi-megapixel fixed mini dome with HDMI and wide view

AXIS M3046-V is an affordably priced dome that provides up to 4 MP video. WDR ensures visible details both in dark and bright areas. HDMI support enables live streaming to a public viewing monitor. AXIS M3046-V provides a wide field of view that can e.g. cover a whole store from a corner, from the product shelves under the camera up to the ceiling. Alternatively, thanks to its digital PTZ capability, the camera can deliver cropped out views, e.g. in HDTV 1080p, with variable field of view. No manual focusing is needed since the camera comes factory-focused.

- > **Ultra-compact, vandal- and dust-resistant design**
- > **Two lens options: 2.4 mm or 1.8 mm**
- > **HDMI support enables streaming to a monitor**
- > **Axis Zipstream technology for reduced bandwidth and storage**
- > **Axis Corridor Format & 3-axis camera angle adjustment**



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Variants	AXIS M3046-V 2.4 mm AXIS M3046-V 1.8 mm	Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
Camera		Event triggers
Image sensor	1/3" progressive scan RGB CMOS	Analytics, edge storage events Virtual inputs through API
Lens	M12 mount, fixed iris, fixed focus 2.4 mm: F2.2 Horizontal field of view: 128° Vertical field of view: 72° 1.8 mm: F2.4 4:3 aspect ratio: Horizontal field of view: 132°, vertical field of view: 96° 16:9 aspect ratio: Horizontal field of view: 152°, vertical field of view: 80°	Event actions
Light sensitivity	2.4 mm: 0.3 lux at 50 IRE F2.2 1.8 mm: 0.35 lux at 50 IRE F2.4	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
Shutter speed	1/32500 s to 1/5 s	Data streaming
Camera adjustment	Pan: ±177° Tilt: ±65° Rotation: ±176° Can be adjusted in any direction and see the wall or ceiling.	Event data
Video		Built-in installation aids
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	Pixel counter
Resolution	2.4 mm: 2688x1520 to 320x240 1.8 mm: 2304x1296 to 640x360 (16:9) or 2016x1512 to 320x240 (4:3)	General
Frame rate	25/30 fps with power line frequency 50/60 Hz	Cybersecurity
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264 HDMI™	Signed firmware
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate	Casing
Pan/Tilt/Zoom	Digital PTZ	IP42 water- and dust-resistant (to comply with IP42, follow the Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing Encapsulated electronics, captive screws (TORX® 10) Color: white NCS S 1002-B
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)	For repainting of casing, remove the transparent dome. Contact your Axis partner for repainting instructions and impact on warranty.
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	Sustainability
Audio		PVC-free, 55% recycled plastics
Audio input/output	Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)	Memory
Network		512 MB RAM, 256 MB Flash
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1x (EAP-TLS) ^a network access control, digest authentication, user access log, centralized certificate management, brute force delay protection	Power
Network protocols	IPv4, IPv6 USGv6, 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, LLDP, MQTT v3.1.1	Power over Ethernet (PoE) IEEE 802.3af / 802.3at Type 1 Class 1 Typical 2.8 W, max 3.2 W
System integration		Connectors
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T; specification at onvif.org	Shielded RJ45 10BASE-T/100BASE-TX PoE ^b Micro HDMI™ (Type D ^b) Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported AXIS Digital Autotracking, AXIS Fence Guard, AXIS Motion Guard, AXIS Loitering Guard, AXIS People Counter, AXIS Queue Monitor, AXIS Occupancy Estimator, AXIS Direction Detector, AXIS Tailgating Detector, AXIS Random Selector	Storage
		Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For memory card and NAS recommendations see 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 65° C (-40° F to 149° F) Humidity 5–95% RH (non-condensing)
		Approvals
		EMC 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 Safety IEC/EN/UL 60950-1, IS 13252 Environment IEC/EN 60529 IP42, IEC/EN 62262 Class IK08 Network NIST SP500-267
		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 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 axis.com
		Video management software
		AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms

Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese	a. <i>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).</i>
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty	b. <i>Make sure that the cable has a slim connector plug</i>