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**

AXIS M3046-V Network Camera

Models	AXIS M3046-V 2.4 mm AXIS M3046-V 1.8 mm

Camera

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: 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°
Light sensitivity	**2.4 mm:** 0.3 lux at 50 IRE F2.2 **1.8 mm:** 0.35 lux at 50 IRE F2.4
Shutter time	1/32500 s to 1/5 s
Camera angle adjustment	Pan: ±177° Tilt: ±65° Rotation: ±176° 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
Resolution	**2.4 mm:** 2688x1520 to 320x240 **1.8 mm:** 2304x1296 to 640x360 (16:9) or 2016x1512 to 320x240 (4:3)
Frame rate	25/30 fps with power line frequency 50/60 Hz
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
Multi-view streaming	Up to 2 individually cropped out view areas in full frame rate
Pan/Tilt/Zoom	Digital PTZ
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)
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

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, brute force delay protection, signed firmware.
Supported protocols	IPv4, IPv6 USGv6, 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, LLDP

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis* AXIS Guardian with One-Click Connection AXIS Guardian with One-Click Connection ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T; specification at *onvif.org*
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 Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis/acap*

Event triggers	Analytics, edge storage events Virtual inputs through API
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
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing Encapsulated electronics, captive screws (Torx® 10) Color: white NCS S 1002-B For repainting of casing, remove the transparent dome. Contact your Axis partner for repainting instructions and impact on warranty.
Sustainability	PVC-free, 55% recycled plastics
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.8 W, max 3.2 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE[b] HDMI Type D[b]
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*
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)
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, RoHS, WEEE **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*
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *axis/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see *axis/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 (eay@cryptsoft).*
b. *Make sure that the cable has a slim connector plug*

Environmental responsibility:

axis.com/environmental-responsibility