

# AXIS M3045-V Network Camera

## HDTV 1080p fixed mini dome with HDMI

AXIS M3045-V is an affordably priced, vandal- and dust-resistant indoor fixed dome. The camera has an integrated RJ45 Ethernet connection and supports Power over Ethernet (PoE). WDR ensures that details in both the dark and bright areas of a scene are visible. HDMI support enables live streaming to an HDTV monitor for e.g. public viewing. The factory-focused camera can be mounted on walls or ceilings and with its 3-axis camera angle adjustment it can be easily leveled and directed in any direction. Axis Corridor Format enables vertically oriented video streams. AXIS M3045-V supports video analytics such as people counting.

- > **Ultra-compact, vandal- and dust-resistant design**
- > **HDTV 1080p / 2 MP**
- > **HDMI support enables streaming to a monitor**
- > **Axis Zipstream technology for reduced bandwidth and storage**
- > **Axis Corridor Format**



# AXIS M3045-V Network Camera

<b>Models</b>		<b>Data streaming</b>	Event data
<b>Camera</b>		<b>Built-in installation aids</b>	Pixel counter
<b>Image sensor</b>	1/3" progressive scan RGB CMOS	<b>General</b>	
<b>Lens</b>	M12 mount, fixed iris, fixed focus 2.8 mm, F2.0 Horizontal field of view: 106° Vertical field of view: 59°	<b>Casing</b>	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 instructions of skin cover or casing and impact on warranty, contact your Axis partner.
<b>Light sensitivity</b>	0.25 lux at 50 IRE F2.0	<b>Sustainability</b>	PVC free, 55% recycled plastics
<b>Shutter time</b>	1/32500 s to 1/5 s	<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Camera angle adjustment</b>	Pan: ±177° Tilt: ±69° Rotation: ±176° Can be directed in any direction and see the wall/ceiling	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.6 W, max 3.0 W
<b>Video</b>		<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE <sup>B</sup>
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	<b>Storage</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Resolution</b>	1920x1080 (1080p) to 320x240	<b>Operating conditions</b>	0 °C to 45 °C (32 °F to 113 °F) Humidity 15–85% RH (non-condensing)
<b>Frame rate</b>	25/30 fps with power line frequency 50/60 Hz	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
<b>Video streaming</b>	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	<b>Approvals</b>	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 Environment IEC/EN 60529 IP42, IEC/EN 62262 Class IK08, RoHS, WEEE
<b>Multi-view streaming</b>	Up to 2 individually cropped out view areas in full frame rate	<b>Dimensions</b>	Height: 56 mm (2.2 in) ø 101 mm (4.0 in)
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>Weight</b>	170 g (0.38 lb)
<b>HDMI output</b>	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)	<b>Included accessories</b>	Installation Guide Windows decoder 1-user license Torx® L-key
<b>Image settings</b>	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	<b>Optional accessories</b>	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 <a href="http://www.axis.com">www.axis.com</a>
<b>Network</b>		<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>A</sup> network access control, digest authentication, user access log, centralized certificate management	<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , 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	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>
<b>System integration</b>			
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>		
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm <b>Supported</b> AXIS Cross Line Detection, AXIS Digital Autotracking, AXIS Store Optimization Suite, AXIS Loss Prevention Suite Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>		
<b>Event triggers</b>	Analytics, edge storage events		
<b>Event actions</b>	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		
		<b>a.</b>	<i>This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (<a href="http://www.openssl.org/">http://www.openssl.org/</a>), and cryptographic software written by Eric Young (<a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a>).</i>
		<b>b.</b>	<i>Make sure that the cable has a slim connector plug</i>
		<b>Environmental responsibility:</b>	<a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>