

# 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

Camera		Overlay text
<b>Image sensor</b>	1/3" progressive scan RGB CMOS	<b>Data streaming</b> Event data
<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>Built-in installation aids</b> Pixel counter
<b>Light sensitivity</b>	0.25 lux at 30 IRE F2.0	<b>General</b>
<b>Shutter time</b>	1/32500 s to 1/5 s	<b>Casing</b> 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
<b>Camera angle adjustment</b>	Pan $\pm 177^\circ$ , Tilt $\pm 69^\circ$ , Rotation $\pm 176^\circ$ Can be directed in any direction and see the wall/ceiling	<b>Sustainability</b> PVC free
<b>Video</b>		<b>Memory</b> 512 MB RAM, 256 MB Flash
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG	<b>Power</b> Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.6 W, max 3.0 W
<b>Resolutions</b>	1920x1080 (1080p) 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)	<b>Connectors</b> RJ45 10BASE-T/100BASE-TX PoE HDMI Type D
<b>Frame rate</b>	25/30 fps with power line frequency 50/60 Hz	<b>Storage</b> Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For memory card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, Axis' ZIPEM technology in H.264, VBR/MBR H.264 HDMI	<b>Operating conditions</b> 0 °C to 45 °C (32 °F to 113 °F) Humidity 15-85% RH (non-condensing)
<b>Multi-view streaming</b>	Up to 2 individually cropped out view areas in full frame rate streaming	<b>Storage conditions</b> -40 °C to 70°C (-40°F to 158 °F) Humidity 15-85% RH (non-condensing)
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>Approvals</b> 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 A5/NZS CISPR 22 Class B, KCC KN32 Class B, KN35, IEC/EN/UL 60950-1, IEC/EN 60529 IP42, IEC/EN 62262 Class IK08
<b>Image settings</b>	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	<b>Dimensions</b> Height: 56 mm (2.2 in) ø 101 mm (4.0 in)
<b>Network</b>		<b>Weight</b> 170 g (0.38 lb)
<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>Included accessories</b> Installation Guide, Windows decoder 1-user license, Torx L-key
<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 <sup>TM</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4b	<b>Optional accessories</b> AXIS T94 mounts for various installations Black casing Smoked dome Cover view AXIS Surveillance microSDXC <sup>TM</sup> Card 64 GB
<b>System integration</b>		<b>Video management software</b> AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<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 Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>	<b>Languages</b> English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese
<b>Analytics</b>	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 <a href="http://www.axis.com/accp">www.axis.com/accp</a>	<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>Event triggers</b>	Analytics, Edge storage events	a. <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>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	<b>Environmental responsibility:</b> <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a>