

# 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                                   |   |
|--|---|
| <b>Image sensor</b>                      | 1/3" progressive scan RGB CMOS  |
| <b>Lens</b>                              | M12 mount, Fixed iris, Fixed focus<br>2.8 mm, F2.0<br>Horizontal field of view: 106°<br>Vertical field of view: 59°   |
| <b>Light sensitivity</b>                 | 0.25 lux at 50 IRE F2.0   |
| <b>Shutter time</b>                      | 1/32500 s to 1/5 s  |
| <b>Camera angle adjustment</b>           | Pan $\pm 177^\circ$ , Tilt $\pm 69^\circ$ , Rotation $\pm 176^\circ$<br>Can be directed in any direction and see the wall/ceiling   |
| Video                                    |   |
| <b>Video compression</b>                 | H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG   |
| <b>Resolutions</b>                       | 1920x1080 (1080p) to 320x240<br>HDMI 1080p@25/30 fps (50/60 Hz)<br>HDMI 1080i@50/60 fps (50/60 Hz)<br>HDMI 720p@50/60 fps (50/60 Hz)<br>HDMI 720p@25/30 fps (50/60 Hz)  |
| <b>Frame rate</b>                        | 25/30 fps with power line frequency 50/60 Hz  |
| <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>Multi-view streaming</b>              | Up to 2 individually cropped out view areas in full frame rate streaming  |
| <b>Pan/Tilt/Zoom</b>                     | Digital PTZ   |
| <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<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format  |
| Network                                  |   |
| <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>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   |
| System integration                       |   |
| <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><br>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>Analytics</b>                         | AXIS Video Motion Detection 3, Active tampering alarm<br>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>Event triggers</b>                    | Analytics, Edge storage events  |
| <b>Event actions</b>                     | File upload: FTP, SFTP, HTTP, HTTPS network share and email<br>Notification: email, HTTP, HTTPS and TCP and SNMP trap<br>Video recording to edge storage<br>Send video clip<br>Pre- and post-alarm video buffering  |

|                                   | Overlay text   |
|-----------------------------------|--|
| <b>Data streaming</b>             | Event data   |
| <b>Built-in installation aids</b> | Pixel counter  |
| General                           |  |
| <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>Sustainability</b>             | PVC free   |
| <b>Memory</b>                     | 512 MB RAM, 256 MB Flash   |
| <b>Power</b>                      | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 1<br>Typical 2.6 W, max 3.0 W  |
| <b>Connectors</b>                 | RJ45 10BASE-T/100BASE-TX PoE<br>HDMI Type D  |
| <b>Storage</b>                    | Support for microSD/microSDHC/microSDXC card<br>Support for recording to dedicated network-attached storage (NAS)<br>For memory card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>  |
| <b>Operating conditions</b>       | 0 °C to 45 °C (32 °F to 113 °F)<br>Humidity 15–85% RH (non-condensing)   |
| <b>Storage conditions</b>         | -40 °C to 70 °C (-40 °F to 158 °F)<br>Humidity 15–85% RH (non-condensing)  |
| <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>Dimensions</b>                 | Height: 56 mm (2.2 in)<br>ø 101 mm (4.0 in)  |
| <b>Weight</b>                     | 170 g (0.38 lb)  |
| <b>Included accessories</b>       | Installation Guide, Windows decoder 1-user license, Torx L-key   |
| <b>Optional accessories</b>       | AXIS T94 mounts for various installations<br>Black casing<br>Smoked dome<br>Cover view<br>AXIS Surveillance microSDXC <sup>™</sup> Card 64 GB  |
| <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>Languages</b>                  | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese   |
| <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>   |

- 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 ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)