

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

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| Camera | |
| Image sensor | 1/3" progressive scan RGB CMOS |
| Lens | M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 106° Vertical field of view: 59° |
| Light sensitivity | 0.25 lux at 50 IRE F2.0 |
| Shutter time | 1/32500 s to 1/5 s |
| Camera angle adjustment | Pan $\pm 177^\circ$, Tilt $\pm 69^\circ$, Rotation $\pm 176^\circ$ Can be directed in any direction and see the wall/ceiling |
| Video | |
| Video compression | H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG |
| Resolutions | 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) |
| Frame rate | 25/30 fps with power line frequency 50/60 Hz |
| Video streaming | 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 |
| Multi-view streaming | Up to 2 individually cropped out view areas in full frame rate streaming |
| Pan/Tilt/Zoom | Digital PTZ |
| Image settings | 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 |
| 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 |
| Supported protocols | IPv4/v6, 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 |
| System integration | |
| Application Programming Interface | Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at www.axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile S, specification at www.onvif.org |
| Analytics | 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 www.axis.com/accp |
| Event triggers | Analytics, Edge storage events |
| 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 |

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| | Overlay text |
| Data streaming | Event data |
| Built-in installation aids | Pixel counter |
| General | |
| Casing | 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 |
| Sustainability | PVC free |
| Memory | 512 MB RAM, 256 MB Flash |
| Power | Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.6 W, max 3.0 W |
| Connectors | RJ45 10BASE-T/100BASE-TX PoE HDMI Type D |
| Storage | Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For memory card and NAS recommendations see www.axis.com |
| Operating conditions | 0 °C to 45 °C (32 °F to 113 °F) Humidity 15–85% RH (non-condensing) |
| Storage conditions | -40 °C to 70 °C (-40 °F to 158 °F) Humidity 15–85% RH (non-condensing) |
| Approvals | 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 |
| Dimensions | Height: 56 mm (2.2 in) ø 101 mm (4.0 in) |
| Weight | 170 g (0.38 lb) |
| Included accessories | Installation Guide, Windows decoder 1-user license, Torx L-key |
| Optional accessories | AXIS T94 mounts for various installations Black casing Smoked dome Cover view AXIS Surveillance microSDXC [™] Card 64 GB |
| Video management software | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software |
| Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese |
| Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/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 (ey@cryptsoft.com).

Environmental responsibility:

www.axis.com/environmental-responsibility