

AXIS M3045-V

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

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| Models | | Data streaming | Event data |
| Camera | | Built-in installation aids | Pixel counter |
| Image sensor | 1/3" progressive scan RGB CMOS | General | |
| Lens | M12 mount, fixed iris, fixed focus 2.8 mm, F2.0 Horizontal field of view: 106° Vertical field of view: 59° | 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 instructions of skin cover or casing and impact on warranty, contact your Axis partner. |
| Light sensitivity | 0.25 lux at 50 IRE F2.0 | Sustainability | PVC free, 55% recycled plastics |
| Shutter time | 1/32500 s to 1/5 s | Memory | 512 MB RAM, 256 MB Flash |
| Camera angle adjustment | Pan: ±177° Tilt: ±69° Rotation: ±176° Can be directed in any direction and see the wall/ceiling | Power | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.6 W, max 3.0 W |
| Video | | Connectors | RJ45 10BASE-T/100BASE-TX PoE ^b HDMI Type D ^b |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG | 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 www.axis.com |
| Resolution | 1920x1080 (1080p) to 320x240 | Operating conditions | 0 °C to 45 °C (32 °F to 113 °F) Humidity 15–85% RH (non-condensing) |
| Frame rate | 25/30 fps with power line frequency 50/60 Hz | Storage conditions | -40 °C to 65 °C (-40 °F to 149 °F) |
| 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 | 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 Environment IEC/EN 60529 IP42, IEC/EN 62262 Class IK08, RoHS, WEEE Network NIST SP500-267 |
| Multi-view streaming | Up to 2 individually cropped out view areas in full frame rate | Dimensions | Height: 56 mm (2.2 in) ø 101 mm (4.0 in) |
| Pan/Tilt/Zoom | Digital PTZ | Weight | 170 g (0.38 lb) |
| 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) | Included accessories | Installation Guide Windows decoder 1-user license Torx® L-key |
| 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 | 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 www.axis.com |
| Network | | Video management software | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms |
| 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 | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| 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 | Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| 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 and ONVIF [®] Profile G, 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 www.axis.com/acap | | |
| 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 Overlay text | | |

- 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).
- b. Make sure that the cable has a slim connector plug

Environmental responsibility:

www.axis.com/environmental-responsibility