

AXIS M3045-WV Network Camera

HDTV 1080p / 2 MP fixed mini dome with HDMI and wireless connection

AXIS M3045-WV is an affordably priced indoor fixed dome that provides HDTV 1080p video. The camera connects to the network over wireless LAN or over Ethernet with an integrated RJ45 connector. 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-WV supports video analytics such as people counting.

- > **Ultra-compact, vandal and dust-resistant design**
- > **Connects over wireless LAN or Ethernet**
- > **HDMI support enables streaming to a monitor**
- > **Axis' Zipstream technology for reduced bandwidth and storage**
- > **Axis' Corridor Format**



AXIS M3045–WV Network Camera

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| Camera | | Data streaming | Event data |
| Image sensor | 1/3" progressive scan RGB CMOS | Built-in installation aids | Pixel counter |
| Lens | M12 mount, Fixed iris, Fixed focus 2.8 mm, F2.0 Horizontal field of view: 106° Vertical field of view: 59° | General | |
| Light sensitivity | 0.25 lux at 50 IRE F2.0 | 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 Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing |
| Shutter time | 1/32500 s to 1/5 s | Sustainability | PVC free |
| Camera angle adjustment | Pan ±177°, Tilt ±69°, Rotation ±176° Can be directed in any direction and see the wall/ceiling | Memory | 512 MB RAM, 256 MB Flash |
| Video | | Power | 4.8–5.2 V DC Typical 2.7 W, max. 3.1 W |
| Video compression | H.264 (MPEG-4 Part 10/AVC), Main, Baseline and High Profiles, Motion JPEG | Connectors | RJ45 10BASE-T/100BASE-TX Micro USB for DC power HDMI Type D |
| Resolutions | 1920x1080 (1080p) to 320x240 | 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 |
| Frame rate | 25/30 fps with power line frequency 50/60 Hz | Operating conditions | 0 °C to 45 °C (32 °F to 113 °F) Humidity 15–85% RH (non-condensing) |
| Video streaming | Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, Axis' Zipstream technology in H.264, VBR/MBR H.264 HDMI | Storage conditions | –40 °C to 65 °C (–40 °F to 149 °F) |
| Multi-view streaming | Up to 2 individually cropped out view areas in full frame rate | 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, IEC/EN/UL 60950-1, EN 300328, EN 301489-1, EN 301489-17, EN 301893, FCC Part 15 Subpart C, FCC Part 15 Subpart E, RSS-247 IEC/EN 60529 IP42, IEC/EN 62262 Class IK08 |
| Pan/Tilt/Zoom | Digital PTZ | Dimensions | Height: 56 mm (2.2 in) ø 101 mm (4.0 in) |
| 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) | Weight | 170 g (0.38 lb) |
| 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 | Included accessories | Power supply, Installation Guide, Windows decoder 1-user license, Torx L-key |
| Network | | 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 |
| Wireless interface | Internal antenna IEEE 802.11 a/b/g/n, 2.4 and 5 GHz | Video management software | AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software |
| Security | Password protection, IP address filtering, HTTPS ³ encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management WEP 64/128 bit, WPA/WPA2-PSK, WPA, WPA2 Enterprise WLAN pairing button (Wi-Fi Protected Setup™ PBC compatible) | Languages | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , 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 | Warranty | Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |
| System integration | | 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). | |
| 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 | Environmental responsibility: www.axis.com/environmental-responsibility | |
| 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/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 | | |