

## AXIS M3045-WV

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

| Models   |  | Send video clip   |
|--|--|---|
| <b>Camera</b>  |  | Pre- and post-alarm video buffering   |
| <b>Image sensor</b>  | 1/3" progressive scan RGB CMOS   | Overlay text  |
| <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: ±177°<br>Tilt: ±69°<br>Rotation: ±176°<br>Can be directed in any direction and see the wall/ceiling   |   |
| <b>Video</b>   |  |   |
| <b>Video compression</b>   | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG   |   |
| <b>Resolution</b>  | 1920x1080 (1080p) to 320x240   |   |
| <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<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/MBR H.264<br>HDMI   |   |
| <b>Multi-view streaming</b>  | Up to 2 individually cropped out view areas in full frame rate   |   |
| <b>Pan/Tilt/Zoom</b>   | Digital PTZ  |   |
| <b>HDMI output</b>   | 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>Image settings</b>  | Compression, color, brightness, sharpness, contrast, white balance, exposure control, WDR, text and image overlay, mirroring of images, privacy mask<br>Rotation: 0°, 90°, 180°, 270°, including Corridor Format   |   |
| <b>Network</b>   |  |   |
| <b>Wireless interface</b>  | Internal antenna<br>IEEE 802.11 a/b/g/n, 2.4 and 5 GHz (channels 36, 40, 44, 48)   |   |
| <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, LLDP  |   |
| <b>System integration</b>  |  |   |
| <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<br>ONVIF Profile S, specification at <a href="http://www.onvif.org">www.onvif.org</a>   |   |
| <b>Analytics</b>   | <b>Included</b><br>AXIS Video Motion Detection, active tampering alarm<br><b>Supported</b><br>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<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</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   |   |
| <b>Data streaming</b>  | Event data   |   |
| <b>Built-in installation aids</b>  | Pixel counter  |   |
| <b>General</b>   |  |   |
| <b>Casing</b>  | IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing<br>Encapsulated electronics, captive screws (Torx <sup>®</sup> 10)<br>Color: white NCS S 1002-B<br>For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.   |   |
| <b>Sustainability</b>  | PVC free   |   |
| <b>Memory</b>  | 512 MB RAM, 256 MB Flash   |   |
| <b>Power</b>   | 4.8–5.2 V DC<br>Typical 2.7 W, max 3.1 W   |   |
| <b>Connectors</b>  | RJ45 10BASE-T/100BASE-TX <sup>b</sup><br>Micro USB for DC power<br>HDMI Type D <sup>b</sup>  |   |
| <b>Storage</b>   | Support for microSD/microSDHC/microSDXC card<br>Support for recording to 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 65 °C (–40 °F to 149 °F)   |   |
| <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, , IEC/EN/UL 60950-1, IEC/EN 60529 IP42, IEC/EN 62262 Class IK08<br>EN 300328, EN 301489-1, EN 301489-17, EN 301893, FCC Part 15 Subpart C, FCC Part 15 Subpart E, RSS-247   |   |
| <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>  | Power supply<br>Installation Guide<br>Windows decoder 1-user license<br>Torx <sup>®</sup> L-key  |   |
| <b>Optional accessories</b>  | AXIS T94B02D Pendant kit<br>AXIS T94B02L Recessed mount<br>AXIS T94B01P Conduit back box<br>AXIS T94B02M J-Box/Gang box plate<br>View protection<br>Black casing<br>Smoked dome<br>Axis Mounts<br>AXIS Surveillance microSDXC <sup>™</sup> Card<br>For more accessories see <a href="http://www.axis.com">www.axis.com</a>   |   |
| <b>Video management software</b>   | AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>   |   |
| <b>Languages</b>   | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese  |   |
| <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 ( <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> ). |
|  |  | b. Make sure that the cable has a slim connector plug   |
| <b>Environmental responsibility:</b>   |  |   |
| <a href="http://www.axis.com/environmental-responsibility">www.axis.com/environmental-responsibility</a> |  |   |