

AXIS M1065-LW Network Camera

Full-featured wireless HDTV 1080p camera with edge storage

AXIS M1065-LW features wireless communication and supports microSD card for edge storage. It has a built-in microphone for recording audio, a mini-speaker that can announce pre-recorded messages and a PIR motion sensor for detecting movement even in the dark. The WDR enabled camera offers 1080p resolution at full frame rate, day and night functionality with a mechanical IR cut filter, and IR illumination. It is easy to install with included wall and corner bracket, and has a 110° horizontal field of view.

- > [Wireless communication and edge storage](#)
- > [Built-in microphone and mini-speaker](#)
- > [PIR motion sensor](#)
- > [Bracket for wall and corner mount](#)
- > [IR illumination](#)



AXIS M1065-LW Network Camera

Camera		Video and audio recording to edge storage, activation of IR-LED, audio clip playback, overlay text Pre- and post-alarm video buffering
Image sensor	1/3" progressive scan RGB CMOS	
Lens	Fixed focal length, 2.8 mm, F2.0 Horizontal field of view: 110° Vertical field of view: 61° M12 mount, fixed iris, IR corrected	Data streaming Event data
Day and night	Automatically removable IR cut filter	Built-in installation aids Pixel counter
Minimum illumination	Color: 0.25 lux at 50 IRE F2.0 B/W: 0.05 lux at 50 IRE F2.0, 0 lux with IR illumination on	General
Shutter time	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz	Cybersecurity Signed firmware
Pan/Tilt/Zoom	Digital PTZ	Casing Polycarbonate, aluminum, recycled plastic Color: White NCS S 1002-B For repainting instructions of skin cover or casing and impact on warranty, contact your Axis partner.
Video		Sustainability PVC-free, 64% recycled plastic
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG	Mounting ¼"-20 UNC tripod screw thread
Resolution	1920x1080 HDTV 1080p to 320x240	Memory 512 MB RAM, 256 MB Flash
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions	Power 4.75–5.25 V DC, typical 2.7 W, max 5.0 W
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	IR illumination IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
Image settings	Compression, color, brightness, sharpness, contrast, white balance, exposure control, day/night shift level, rotation: 0°, 180°, text and image overlay, privacy masks, mirroring of images, WDR, rotation: 0°, 90°, 180°, 270°, including Corridor Format	Connectors Micro USB type B for power only RJ45 10BASE-T/100BASE-TX
Audio		Storage Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS) For SD card and NAS recommendations, see axis.com
Audio streaming	Two-way, half duplex	PIR sensor Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
Audio compression	24bit LPCM, AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16 kHz Configurable bit rate	Operating conditions 0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Audio input/output	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)	Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
Network		Approvals EMC EN 55032 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 32 Class B, KN24, KN35 Wireless EN 300328, EN 301489-1, EN 301489-17, EN 301893, FCC Part 15 Subpart C, FCC Part 15 Subpart E, RSS-247, TELEC Safety IEC/EN/UL 60950-1, IEC/EN 62471 Network NIST SP500-267
Wireless interface	Internal antenna IEEE 802.11a/b/g/n @ 2.4 GHz, @ 5.2 GHz (channels 36, 40, 44, 48)	Dimensions 106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a network access control, digest authentication, user access log WPA/WPA2-PSK, WPA, WPA2 Enterprise, WLAN pairing button (WPS) PBC-compatible, Brute force delay protection	Weight 128 g (0.28 lb)
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, LLDP	Included accessories Power supply, Installation Guide, mounting bracket, table top stand, Windows [®] decoder 1-user license
System integration		Optional accessories AXIS T8415 Installation Display AXIS T91A10 Mounting Kit AXIS Surveillance microSDXC [™] Card 64 GB For more accessories, see axis.com
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Guardian with One-Click Connection ONVIF [®] Profile G, ONVIF [®] Profile S and ONVIF [®] Profile T; specifications at onvif.org	Video management software AXIS Companion video management software, AXIS Camera Station, Video management software from Axis' Application Development Partners available at axis.com/vms
Analytics	Included AXIS Video Motion Detection, active tampering alarm Supported Audio detection AXIS Cross Line Detection, AXIS Digital Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap	Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Event triggers	Analytics, edge storage events Built-in PIR	Warranty Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP, HTTPS and TCP	

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (openssl.org/), and cryptographic software written by Eric Young (ey@cryptsoft.com).

Environmental responsibility:

axis.com/environmental-responsibility