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

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
Day and night	Automatically removable IR cut filter
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
Shutter speed	1/28000 s to 1/5 s with 50 Hz 1/32500 s to 1/5 s with 60 Hz
Pan/Tilt/Zoom	Digital PTZ

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles, Motion JPEG
Resolution	1920x1080 HDTV 1080p to 320x240
Frame rate	Up to 25/30 fps (50/60 Hz) in all resolutions
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
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

Audio

Audio streaming	Two-way, half duplex
Audio encoding	24bit LPCM, AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16 kHz Configurable bit rate
Audio input/output	Built-in microphone (can be disabled), Built-in speaker 82 dB-SPL (at 0.5 m / 20 in)

Network

Wireless interface	Internal antenna IEEE 802.11a/b/g/n @ 2.4 GHz, @ 5.2 GHz (channels 36, 40, 44, 48)
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
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[b], SSL/TLS[b], CIFS/SMB, Bonjour, UPnP™, NTP, RTSP, RTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCP, ARP, SOCKS

System integration

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* One-click cloud connection ONVIF® Profile G, ONVIF® Profile S and ONVIF® Profile T; specifications at *onvif.org*
Event triggers	Analytics, edge storage events Built-in PIR
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP, HTTPS and TCP Video and audio recording to edge storage, activation of IR-LED, audio clip playback, overlay text Pre- and post-alarm video buffering
Data streaming	Event data
Built-in installation aids	Pixel counter

Analytics

Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard

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*

General

Cybersecurity	Signed firmware
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.
Sustainability	PVC-free, 64% recycled plastic
Mounting	¼"-20 UNC tripod screw thread
Memory	512 MB RAM, 256 MB Flash
Power	4.75–5.25 V DC, typical 2.7 W, max 5.0 W
IR illumination	IR illumination, LED with adjustable intensity. Range up to 10 m (32 ft)
Connectors	Micro USB type B for power only RJ45 10BASE-T/100BASE-TX
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to network-attached storage (NAS) For SD card and NAS recommendations, see *axis.com*
PIR sensor	Passive infrared (PIR) motion sensor. Max range: 6 m (19.7 ft)
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
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
Dimensions	106 mm x 60 mm x 37 mm (4.17 x 2.36 x 1.46 in)
Weight	128 g (0.28 lb)
Included accessories	Power supply, installation Guide, mounting bracket, table top stand, Windows® decoder 1-user license
Optional accessories	AXIS T8415 Installation Display AXIS T91A10 Mounting Kit AXIS Surveillance microSDXC™ Card 64 GB For more accessories, see *axis.com*
Video management software	AXIS Companion video management software, AXIS Camera Station, Video management software from Axis' Application Development Partners available at *axis.com/vms*
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
Warranty	5-year warranty, see *axis.com/warranty*

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

Environmental responsibility:

axis.com/environmental-responsibility

AXIS®
C O M M U N I C A T I O N S