

AXIS M5065 PTZ Network Camera

Mini HDTV PTZ with wireless I/O

AXIS M5065 PTZ Network Camera is an ultra-discreet, palm-sized, pan-tilt-zoom camera for remote indoor monitoring. With its support for wireless input/output connectivity, the camera can communicate wirelessly with connected Z-Wave Plus® devices, creating a small security solution with less cabling. AXIS M5065 is a ceiling-mount camera that provides coverage over a 500 m² (4300 sq. ft) area with $\pm 180^\circ$ pan, 90° tilt, and 5x optical zoom. The IP51 rating ensures protection against dust and dripping water, enabling camera operation even when a sprinkler system is activated.

- > **HDTV 1080p and 5x optical zoom**
- > **Z-wave Plus® compatibility**
- > **IP51-rated**
- > **Power over Ethernet (IEEE 802.3af)**
- > **Built-in analytics**



AXIS M5065 PTZ Network Camera

| | | |
|--|---|--|
| Models | AXIS M5065 Z-Wave JP AXIS M5065 Z-Wave US | Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share, email PTZ control: preset position Notification: email, HTTP, HTTPS, TCP and SNMP trap Overlay text Z-Wave Status LED |
| Camera | | |
| Image sensor | 1/4.85" progressive scan RGB CMOS | |
| Lens | Varifocal. 2.2–11.0 mm, F1.4–F2.5 Horizontal field of view: 14°–71° Vertical field of view: 8°–40° Autofocus | |
| Minimum illumination | Color: 1.2 lux at 30 IRE F1.4 | |
| Shutter time | 1/16000 s to 1 s | |
| Pan/Tilt/Zoom | Pan: ±179°, 100°/s Tilt: 90°, 100°/s Zoom: 5x optical, 10x digital 25 preset positions, control queue, on-screen directional indicator | |
| Video | | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High profiles Motion JPEG | |
| Resolution | 1920x1080 to 320x180 (16:9) | |
| 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 | Resolution, compression, rotation: 0°, 180°, text and image overlay, color, brightness, sharpness, white balance, wide dynamic range, exposure control, exposure time, gain, exposure zones, exposure priority, image freeze on PTZ, privacy masks | |
| Audio | | |
| Audio streaming | One-way | |
| Audio compression | AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate | |
| Audio input | Built-in microphone | |
| Network | | |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management | |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP ^a , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTPC, ICMP, DHCP, ARP, SOCKS, SSH, Z-Wave Plus [®] HC4 and HC8 ^b | |
| 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, audio volume detection, scream detection, removed object detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap | |
| Event triggers | Applications Detectors: live stream accessed Hardware: network Input signal: manual trigger, virtual inputs, Z-Wave PTZ: moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule | |
| Event actions | Record video: SD card, network share | |
| | | Data streaming Event data |
| | | Built-in installation aids Pixel counter |
| General | | |
| | | Casing IP51-rated plastic casing, clear dome |
| | | Sustainability PVC free |
| | | Memory 512 MB RAM, 256 MB Flash |
| | | Power Power over Ethernet 802.3af/802.3at Type 1 Class 3 Typical 4.8 W, max 8.0 W |
| | | Connectors RJ45 10BASE-T/100BASE-TX PoE |
| | | Storage Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| | | Operating conditions 0 °C to 45 °C (32 °F to 113 °F) Humidity 10–90% RH (non-condensing) |
| | | Storage conditions -30 °C to 60 °C (-22 °F to 140 °F) |
| | | Approvals EMC: AXIS M5065 Z-Wave JP EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, VCCI Class A, RCM AS/NZS CISPR 32 Class A, TELEC EMC: AXIS M5065 Z-Wave US EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, RCM AS/NZS CISPR 32 Class A Safety IEC/EN/UL 62368-1 Environment IEC/EN 60529 IP51 |
| | | Dimensions Ø130 x 63 mm (Ø5.1 x 2.5 in) |
| | | Weight 375 g (0.8 lb) |
| | | Included accessories Installation Guide, Windows decoder 1-user license |
| | | Optional accessories AXIS M50 Clear Dome Cover A AXIS M50 Mounting Kit AXIS T8341 PIR Motion Sensor AXIS T8342 Door/Window Sensor AXIS T8343 Alert Button AXIS T8344 Power On/Off Plug For more accessories, see axis.com |
| | | Video management software AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/vms |
| | | Languages English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese |
| | | Warranty Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty |

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org), and cryptographic software written by Eric Young (ey@cryptsoft.com).
- b. Device types in home control group 4: notification sensors. Device types in home control group 8: on/off power switches, power strips, irrigation controls. For more information on the supported command classes, see the product's User Manual.

Environmental responsibility:

www.axis.com/environmental-responsibility