

# 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<sup>®</sup> devices, creating a small security solution with less cabling. AXIS M5065 is a ceiling-mount camera that provides coverage over a 500 m<sup>2</sup> (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<sup>®</sup> compatibility**
- > **IP51-rated**
- > **Power over Ethernet (IEEE 802.3af)**
- > **Built-in analytics**



# AXIS M5065 PTZ Network Camera

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|--|--|---|
| <b>Models</b>                            | AXIS M5065 EUR<br>AXIS M5065 JP<br>AXIS M5065 US   | Upload of images or video clips: FTP, SFTP, HTTP, HTTPS network share, email<br>PTZ control: preset position<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>Overlay text<br>Z-Wave<br>Status LED |
| <b>Camera</b>                            |  |   |
| <b>Image sensor</b>                      | 1/4.85" progressive scan RGB CMOS  |   |
| <b>Lens</b>                              | Varifocal. 2.2–11.0 mm, F1.4–F2.5<br>Horizontal field of view: 14°–71°<br>Vertical field of view: 8°–40°<br>Autofocus  |   |
| <b>Minimum illumination</b>              | Color: 1.2 lux at 30 IRE F1.4  |   |
| <b>Shutter time</b>                      | 1/16000 s to 1 s   |   |
| <b>Pan/Tilt/Zoom</b>                     | Pan: ±179°, 100°/s<br>Tilt: 90°, 100°/s<br>Zoom: 5x optical, 10x digital<br>25 preset positions, control queue, on-screen directional indicator  |   |
| <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 to 320x180 (16:9)  |   |
| <b>Frame rate</b>                        | Up to 25/30 fps (50/60 Hz) in all resolutions  |   |
| <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   |   |
| <b>Image settings</b>                    | 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   |   |
| <b>Audio</b>                             |  |   |
| <b>Audio streaming</b>                   | One-way  |   |
| <b>Audio encoding</b>                    | AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz<br>Configurable bit rate   |   |
| <b>Audio input</b>                       | Built-in microphone  |   |
| <b>Network</b>                           |  |   |
| <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>b</sup> , SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, Z-Wave Plus <sup>c</sup> HC4 and HC8 <sup>b</sup>   |   |
| <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 ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>  |   |
| <b>Analytics</b>                         | <b>Included</b><br>AXIS Video Motion Detection, audio volume detection, scream detection, removed object detection<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>                    | <b>Applications</b><br>Detectors: live stream accessed<br><b>Hardware:</b> network<br>Input signal: manual trigger, virtual inputs, Z-Wave<br>PTZ: moving, preset reached, ready<br>Storage: disruption, recording<br>System: system ready<br>Time: recurrence, use schedule   |   |
| <b>Event actions</b>                     | Record video: SD card, network share   |   |
| <b>Data streaming</b>                    | Event data   |   |
| <b>Built-in installation aids</b>        | Pixel counter  |   |
| <b>General</b>                           |  |   |
| <b>Casing</b>                            | IP51-rated plastic casing, clear dome  |   |
| <b>Sustainability</b>                    | PVC free   |   |
| <b>Memory</b>                            | 512 MB RAM, 256 MB Flash   |   |
| <b>Power</b>                             | Power over Ethernet 802.3af/802.3at Type 1 Class 3<br>Typical 4.8 W, max 8.0 W   |   |
| <b>Connectors</b>                        | RJ45 10BASE-T/100BASE-TX PoE   |   |
| <b>Storage</b>                           | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption<br>Support for recording to network-attached storage (NAS)<br>For SD 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 10–90% RH (non-condensing)   |   |
| <b>Storage conditions</b>                | –30 °C to 60 °C (–22 °F to 140 °F)   |   |
| <b>Approvals</b>                         | <b>AXIS M5065 EUR</b><br>EN 55032 Class A, EN 55024, EN 301489-1, EN 301489-3, EN 61000-6-1, EN 61000-6-2, EN 300220-1, EN 300220-2, EN 62368-1, EN 62479, IEC/EN 60529 IP51<br><b>AXIS M5065 JP</b><br>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, IEC/EN/UL 62368-1, IEC/EN 60529 IP51<br><b>AXIS M5065 US</b><br>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, IEC/EN/UL 62368-1, IEC/EN 60529 IP51 |   |
| <b>Dimensions</b>                        | Ø130 x 63 mm (Ø5.1 x 2.5 in)   |   |
| <b>Weight</b>                            | 375 g (0.8 lb)   |   |
| <b>Included accessories</b>              | AXIS M50 Mounting Kit, Installation Guide, Windows decoder 1-user license  |   |
| <b>Optional accessories</b>              | AXIS M50 Clear Dome Cover A<br>AXIS T8341 PIR Motion Sensor<br>AXIS T8342 Door/Window Sensor<br>AXIS T8343 Alert Button<br>AXIS T8344 Power On/Off Plug<br>For more accessories, see <a href="http://axis.com">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>                          | 5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>  |   |

- a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([eyay@cryptsoft.com](mailto:eyay@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:

[axis.com/environmental-responsibility](http://axis.com/environmental-responsibility)