

AXIS M3048-P Network Camera

12 MP mini dome with 360° panoramic view

AXIS M3048-P is an affordably priced fixed dome with a 12 MP sensor in an environment-friendly, discreet design. It offers 360° overview and dewarped views such as panorama, view area, corridor, corner and quad views with outstanding sharpness. HDMI support enables live streaming to an HDTV monitor for public viewing. Black, vandal-resistant and smoke-detector casings are available as accessories, and AXIS M3048-P is easily repaintable to blend in with any environment. Installation is quick with bayonet-fitted casing and easy cable connection. No manual focusing is needed since the camera comes factory-focused.

- > **Complete panoramic overview with outstanding sharpness**
- > **Quick installation with small and discreet design**
- > **Zipstream for reduced bandwidth and storage**
- > **HDMI support enables streaming to a monitor**
- > **70% recycled plastics and PVC-free design**



AXIS M3048-P Network Camera

| Camera | |
|-----------------------------------|---|
| Image sensor | 1/1.7" progressive scan RGB CMOS |
| Lens | F2.8, Fixed iris, Fixed focus, 1.65 mm Horizontal field of view: 185° Vertical field of view: 185° |
| Minimum illumination | 0.35 lux at 50 IRE F2.8 |
| Shutter time | 1/25000 s to 1/2 s |
| Camera angle adjustment | Rotation ±180° |
| Video | |
| Video compression | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG |
| Resolution | 360° overview: 2880x2880 to 480x480 Panorama: 2560x720 to 640x240 Double Panorama: 2560x1440 to 480x360 Quad view: 2560x1440 to 480x360 View area: 2048x1152 to 480x360 Corner left or right: 1920x720 to 640x240 Double Corner: 1920x1440 to 480x360 Corridor: 2560x1440 to 640x360 |
| Frame rate | 360° overview only, up to 2880x2880: 30/25 fps @ 60Hz/50Hz Dewarped view in max resolution + 360° overview up to 2048x2048: 15/13 fps @ 60Hz/50Hz |
| 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 HDMI |
| Multi-view streaming | 360° overview. Dewarped panorama, corridor, corner and quad views. Two individually cropped out and dewarped view areas. The 360° overview can be streamed simultaneously with two view areas or one other dewarped view. |
| HDMI output | HDMI 720p@50/60 fps (50/60 Hz) |
| Image settings | Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, WDR – dynamic contrast, noise reduction, rotation: 0°, 180°, text and image overlay, privacy masks, mirroring of images |
| Pan/Tilt/Zoom | Digital PTZ of view areas, Preset positions, Guard tour, Digital tilt of panorama and quad views. |
| 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 TM , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4b |
| 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 [®] Profiles S and G, specifications at www.onvif.org |
| Analytics | Included AXIS Video Motion Detection, Active Tampering Alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap |
| Event triggers | Analytics, edge storage events, virtual inputs through API |
| Event actions | Overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap File upload via FTP, SFTP, HTTP, HTTPS network share and email |
| Data streaming | Notification via email, HTTP, HTTPS and TCP Event data |
| Built-in installation aids | Pixel counter |
| General | |
| Casing | Aluminum and plastic casing, Encapsulated electronics Color: White NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner. |
| Sustainability | PVC free, 70% recycled plastics |
| Memory | 1024 MB RAM, 256 MB Flash |
| Power | Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 5.6 W, max 6.49 W |
| Connectors | RJ45 10BASE-T/100BASE-TX PoE HDMI Type D ^b |
| Storage | Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com |
| 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) |
| Approvals | EMC EN 55024, EN 55032 Class A, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 22 Class A, KCC KN32 Class A, KN35 Safety IEC/EN/UL 62368-1 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 |
| Dimensions | Height: 46 mm (1.8 in) ø: 101 mm (4.0 in) |
| Weight | 240 g (0.53 lb) |
| Included accessories | Installation guide, Windows decoder 1-user license, drill hole template |
| Optional accessories | AXIS T94B02D Pendant Kit AXIS T94B05L Recessed Mount AXIS T94B01P Conduit Back Box AXIS T94B02M J-Box/Gang Box Plate AXIS M30 Casing B, Black AXIS M30 Vandal-resistant Casing A AXIS M30 Smoke Detector Casing A Axis Mounts AXIS Surveillance microSDXC [™] Card For more accessories, see www.axis.com |
| Video management software | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on www.axis.com/support/downloads AXIS Companion, AXIS Video Hosting System (AVHS) available on www.axiscompanion.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. Make sure that the cable has a slim connector plug

Environmental responsibility:

www.axis.com/environmental-responsibility