AXIS M3037-PVE Network Camera

Outdoor-ready fixed mini dome with panoramic view, built-in microphone and speaker

AXIS M3037-PVE is a factory-focused mini dome that provides superb image quality in daylight as well as dark conditions. It supports 360° overview, and dewarped views such as panorama, double panorama, 270° corner and quad views. The vandal-resistant camera offers full duplex audio with echo cancellation and noise reduction and it supports Session Initiation Protocol (SIP) for easy integration with IP phone systems. Support for AXIS Camera Application Platform enables video analytics applications such as people counting and cross-line detection. AXIS M3037-PVE can help detect activity, track the flow of people and improve situational awareness.

> 360°/270°/180° panoramic views in up to 5 MP resolution
> Built-in weather-proof speaker and microphone
> Echo-free two-way audio communication
> SIP for IP phone system integration
> Digital PTZ and multi-view streaming with de-warped views
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**Camera**
- Image sensor: 1/3.2" progressive scan RGB CMOS
- Lens: Fixed, 1.27 mm, F2.0, M12 mount, fixed iris, IR corrected
- Horizontal field of view: 187°
- Vertical field of view: 168°
- Day and night: Automatically removable infrared-cut filter
- Minimum illumination: Color: 0.3-200000 lux
- Shutter time: 1/24500 s to 2 s
- Camera angle adjustment: Rotation ±180°

**Video**
- Video compression: H.264 (MPEG-4 Part 10/AVC)
- Overview: 5 MP to 160×120
- Panorama: 1920×720 to 320×120
- Quad view: 1920×1440 to 160×120
- View area 1–4: 1920×1440 to 160×90
- Frame rate: 12 fps in 360° overview and pan/tilt views
- Video streaming: Multiple, individually configurable streams in H.264 and Motion JPEG
- Multi-view streaming: 360° overview, Panorama, Panorama, 270° corner, and quad views. Up to 4 individually cropped out and dewarped view areas. When streaming 4 dewarped view areas and 1 360° overview in VGA resolution, the frame rate is 10 fps per stream.
- Image settings: Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, WDR – dynamic contrast, fine tuning of behavior at low light, rotation: 0°, 180°, text and image overlay, privacy mask, mirroring of images
- Pan/Tilt/Zoom: Digital PTZ of view areas, preset positions, guard tour. Digital PT of Panorama, Panorama, Panorama, 270° corner and quad views.

**Audio**
- Audio streaming: Two-way, full duplex
- Echo cancellation and noise reduction
- Audio compression: AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz
- Audio input: Built-in microphone (can be disabled)
- Audio output: Built-in speaker 84 dB (at 0.5 m / 20 in)

**Network**
- Security: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, digest authentication, user access log
- Supported protocols: IPv4/6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/ SMB, SMTP, Bonjour, UPnP/IGMv6, SNMP v1/v2c/v3 (MDM-1), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, SIP

**System integration**
- Application Programming Interface: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com
- Analytics: Included AXIS Video motion detection, Active tampering alarm, Audio detection
- System: AXIS Guard with One-Click Connection ONVIF Profile S, specification at onvif.org
- Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX

**Supported**
- AXIS Cross Line Detection, AXIS Digital Autotracking
- Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/cacp

**Event triggers**
- Analytics, external input, edge storage events, call

**Event actions**
- File upload: FTP, HTTP, network share and email
- Notification: email, HTTP and TCP and SNMP trap
- External output activation, pre- and post-alarm video buffering, overlay text, make call, PTZ preset, guard tour, video recording to edge storage

**Data streaming**
- Event data

**Built-in installation aids**
- Pixel counter

**General**
- Casing: IP66-, NEMA 4X- and IK10–rated impact-resistant aluminum casing with transparent, polycarbonate cover and dehumidifying membrane, captive screws (Resistorx®)
- Color: white NCS 1002B
- Memory: 512 MB RAM, 128 MB Flash
- Power: Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, max. 5.1 W, typical 3.4 W
- Connectors: Shielded male RJ45 10BASE-T/100BASE-TX PoE on a 2 m (6.6 ft) network cable. Warranty can be maintained even when cable is cut, for more information, contact your Axis partner.
- Terminal block for 1 alarm input and 1 output
- Storage: Support for microSD/microSDHC/microSDXC card
- For SD card and NAS recommendations see www.axis.com
- Operating conditions: -30°C to 50°C (-22°F to 122°F)
- Humidity 10–100% RH (condensing)
- Storage conditions: -40°C to 65°C (-40°F to 149°F)
- Humidity 5-95% RH (non-condensing)
- Environment: EN 50581, IEC 60529, IP66, IEC 62262 IK10
- Dimensions: 132 x 132 x 73 mm (5 3/16 x 5 3/16 x 2 7/8 in)
- Weight: 740 g (1.6 lb)
- Included accessories: Installation Guide, Windows® decoder 1-user license, drill hole template, Resistorx® L-key, terminal block connector
- Optional accessories: AXIS T9402D Pendant Kit with sunshield
- Network Cable Coupler IP66 (can fit inside AXIS T9402D Pendant Kit)
- AXIS T91 Mounting Accessories, AXIS T94F01M J-Box/Gang Box Plate, AXIS T94F01P Conduit Back Box, Skin covers
- For more accessories, see axis.com
- Video management software: AXIS Companion, 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: Axis 3-year warranty and AXIS Extended Warranty option, see 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 (eay@cryptsoft.com).**

Environmental responsibility:
axis.com/environmental-responsibility