DATASHEET

AXIS M30 Network Camera Series

Fixed mini domes with HDTV performance.

- > Ultra-compact, vandal-resistant design
- > HDTV image quality
- > Easy, flexible installation
- > Corridor Format
- > Edge storage

AXIS M30 Series addresses the market's need for affordably priced, small and easy-to-install indoor fixed domes with HDTV performance. They are ideal for retail stores, hotels, schools, banks and offices.

The palm-sized cameras are vandal and dust resistant. They consist of AXIS M3004-V, which provides HDTV 720p and 1 MP resolution, and AXIS M3005-V, which supports HDTV 1080p and 2 MP resolution. Video streams can be encoded in H.264 and Motion JPEG.

With a 3-axis camera angle adjustment, the cameras can be mounted on walls or ceilings. AXIS M3004-V and AXIS M3005-V offer horizontal viewing angles of 80° and 118°, respectively. They support Corridor Format for vertically oriented video streams that maximize coverage of areas such as corridors, hallways or aisles. No focusing is required as the cameras come focused at delivery.

The cameras' support for AXIS Camera Application Platform enables the installation of intelligent video applications such as people counting.

The cameras offer a convenient video management solution with their built-in microSDHC memory card slot for edge storage and support for software such as the complimentary AXIS Camera Companion.

Simplifying installation, AXIS M30 cameras come with a 2 m (6.6 ft.) network cable and are powered using Power over Ethernet (IEEE 802.3af).

HDTV NETWORK VIDEO

ONVIF

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Technical Specifications – AXIS M30 Network Camera Series

Camera	
Models	AXIS M3004-V AXIS M3005-V *Note: AXIS M3011 and AXIS M3014 are handled separately from the new AXIS M30 Series*
Image sensor	**AXIS M3004-V:** 1/4" progressive scan RGB CMOS **AXIS M3005-V:** 1/2.7" progressive scan RGB CMOS
Lens	M12 mount, 2.8 mm, F2.8, fixed iris, megapixel resolution **AXIS M3004-V:** 80° horizontal angle of view **AXIS M3005-V:** 118° horizontal angle of view
Light sensitivity	1.5 - 100000 lux, F2.8
Shutter time	1/8000 s to 1/6 s
Camera angle adjustment	Pan ± 175°, tilt ± 52°, rotation ± 175°

Video	
Video compression	H.264 Main Profile (MPEG-4 Part 10/AVC) Motion JPEG
Resolutions	**AXIS M3004-V:** 1280x800 (1 MP) to 320x240 **AXIS M3005-V:** 1920x1080 (HDTV 1080p) to 320x240
Frame rate H.264/Motion JPEG	25 fps with power line frequency 50 Hz 30 fps with power line frequency 60 Hz
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR H.264
Pan/Tilt/Zoom	Digital PTZ
Image settings	Compression, color, brightness, sharpness, contrast, white balance, backlight compensation, wide dynamic range - dynamic contrast, mirroring of images Rotation: 0°, 90°, 180°, 270°, including Corridor Format Text and image overlay, privacy mask

Network	
Security	Password protection, IP address filtering, HTTPS* encryption, IEEE 802.1X network access control, digest authentication, user access log
Supported protocols	IPv4/v6, HTTP, HTTPS*, SSL/TLS*, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

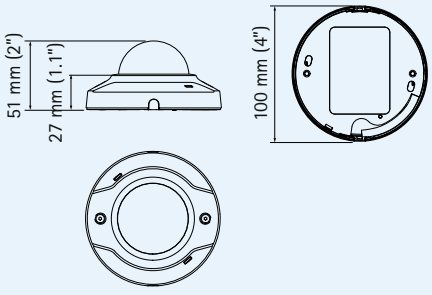
System integration	
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform from Axis Communications, available at www.axis.com ONVIF, specification available at www.onvif.org AXIS Video Hosting System (AVHS) with One-Click Camera Connection
Intelligent video	Video motion detection, active tampering alarm AXIS Camera Application Platform enabling installation of additional applications
Event triggers	Intelligent video, edge storage events
Event actions	File upload: FTP, HTTP, network share and email Notification: email, HTTP and TCP Video recording to edge storage Pre- and post-alarm video buffering
Data streaming	Event data
Built-in installation aid	Pixel counter

General	
Casing	IP42 water- and dust-resistant, IK08 impact-resistant polycarbonate/ABS casing; color: white NCS S 1002-B Polycarbonate/ABS inner camera module with encapsulated electronics
Memory	256 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af **AXIS M3004-V:** Class 1, max. 2.2 W **AXIS M3005-V:** Class 1, max. 2.7 W
Connectors	Male RJ-45 10BASE-T/100BASE-TX PoE on a 2 m (6.6 ft.) network cable
Edge storage	MicroSD/microSDHC memory card slot (card not included) Support for recording to network share (network-attached storage or file server)
Operating conditions	Humidity 15 - 85% RH (non-condensing) **AXIS M3004-V:** 0 °C to 45 °C (32 °F to 113 °F) **AXIS M3005-V:** 0 °C to 40 °C (32 °F to 104 °F)
Approvals	EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, KCC Class B, IEC/EN 60950-1, IEC 60529 IP42, IEC 62262 Class IK08
Weight	200 g (0.44 lb.)
Included accessories	Drill hole template, Quick Guide, Installation and Management Software CD, Windows decoder 1-user license

** This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (www.openssl.org)*

More information is available at www.axis.com

Dimensions



Optional accessories

White/black skin for the camera casing

AXIS T90A White LED Illuminators

AXIS P8221 Network I/O Audio Module

AXIS T8414 Installation Display

AXIS Camera Companion (included), AXIS Camera Station and video management software from Axis' Application Development Partners (not included). See www.axis.com/products/video/software/

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