AXIS M3007-PV Network Camera

Fixed mini dome with 180°/270°/360° panoramic view

The affordably priced, factory-focused AXIS M3007-PV is a 5-megapixel fixed indoor mini dome that provides detailed, high quality 360°, 270° or 180° panoramic views of areas as large as 650 m² (7,000 sq ft). The vandal- and dust-resistant camera can be used to detect activities, track the flow of people and improve area management. It offers different views: 360° overview and dewarped views such as panorama, double panorama and quad views. AXIS M3007-PV provides four individually cropped out and dewarped view areas where users can digitally pan, tilt and zoom in on areas of interest. Support for AXIS Camera Application Platform enables the installation of intelligent video applications such as people counting.

> Compact, vandal- and dust-resistant design

> 360°/270°/180° panoramic views in up to 5 MP resolution

> Digital PTZ and multi-view streaming with dewarped views

> Edge storage with support for microSDHC card

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Camera

Image sensor	1/3.2" progressive scan RGB CMOS
Lens	M12 mount, F2.8, Fixed iris, Megapixel resolution 1.3 mm Horizontal angle of view: 187° Vertical angle of view: 168°
Light sensitivity	0.6-200000 lux, F2.8
Shutter time	1/24000 s to 2 s
Camera angle adjustment	Rotation ±180°

Video

Video compression	H.264 Main Profile (MPEG-4 Part 10/AVC), Motion JPEG
Resolutions	Overview: 2592x1944 (5 MP) to 160x120 Panorama: 1920x720 to 320x120 Double Panorama: 1920x1440 to 160x120 Quad view: 1920x1440 to 160x120 View area 1-4: 1920x1440 to 160x90
Frame rate	12 fps in 360° overview and panoramic views
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Multi-view streaming	360° overview. Dewarped panorama, double panorama and quad views. Up to 4 individually cropped out and dewarped view areas. When streaming 4 dewarped view areas and one 360° overview in VGA resolution, the frame rate is 10 fps per stream
Pan/Tilt/Zoom	Digital PTZ of view areas, Preset positions, Guard tour. Digital PT of panorama, Double panorama and quad views
Image settings	Compression, Color, Brightness, Sharpness, Contrast, White balance, Exposure control, Backlight compensation, Wide dynamic range – dynamic contrast, Text and image overlay, Mirroring of images, Privacy mask Exposure zones, Fine-tuning of low light behavior Rotation: 0°, 180°

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, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

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 www.onvif.org
Analytics	AXIS Video Motion Detection 4, 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
Event actions	File upload: FTP, SFTP, 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 aids	Pixel counter

General

Casing	Color: White NCS S 1002-B (for repainting instructions of skin covers, contact your Axis partner), Encapsulated electronics, Captive screws (resitorx 10) IP42 water- and dust-resistant, IK08 impact-resistant, aluminum and polycarbonate/ABS casing
Sustainability	PVC free
Memory	512 MB RAM, 128 MB Flash
Power	Power over Ethernet IEEE 802.3af/802.3at Type 1 Class 2, max. 4.5 W, typical 3.4 W
Connectors	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
Storage	Support for microSD/microSDHC/microSDXC card 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 15-85% RH (non-condensing)
Approvals	EN 55022 Class B, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22 Class B, KCC KN22 Class B, KN24, IEC/EN/UL 60950-1 IEC/EN 60529 IP42, IEC/EN 62262 Class IK08
Dimensions	Ø 131 x 65 mm (Ø 4 x 2.6 in)
Weight	590 g (1.30 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, Drill hole template, Torx L-key
Optional accessories	AXIS T94F01D Pendant Kit AXIS T94F01L Recessed Mount Kit AXIS T94F01M J-Box/Gang Box Plate AXIS T94F01P Conduit Back Box AXIS T94F01S Mount Bracket Accessory lenses, Skin covers (White/Black)
Video management software	AXIS Camera Companion, AXIS Camera Station and video management software from Axis' Application Development Partners (not included). For more information, see www.axis.com/support/downloads
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 (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental-responsibility

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