

# AXIS M3075-V Network Camera

## 1080p mini dome with built-in microphone

AXIS M3075-V features day/night functionality and WDR for sharp video in both dark and bright areas. This ultra-compact camera comes factory-focused and can easily be leveled and directed in any direction. It offers a built-in microphone for audio capture and analytics, and HDMI support enables streaming to a monitor. It supports intelligent analytics and thanks to the memory card slot, you can optionally record at the edge. Zipstream with support for H.264 and H.265 reduces bandwidth and storage requirements. And it's made with 52% recycled plastics and is PVC/BFR/CFR free. Plus, its impact- and dust-resistant casing simply snaps on without visible screws.

- > [WDR and day/night functionality](#)
- > [Built-in microphone](#)
- > [Zipstream supporting H.264 and H.265](#)
- > [HDMI output for streaming to a monitor](#)
- > [Environmentally friendly](#)



# AXIS M3075-V Network Camera

<b>Camera</b>		
Image sensor	1/2.9" progressive scan RGB CMOS	
Lens	3.1 mm, F2.0 Horizontal field of view: 102° Vertical field of view: 55° Fixed iris, IR corrected	
Day and night	Automatically removable infrared-cut filter	
Light sensitivity	Color: 0.2 lux at 50 IRE, F2.0 B/W: 0.04 lux at 50 IRE, F2.0	
Shutter speed	1/32500 s to 1/5 s	
Camera angle adjustment	Pan: ±175° Tilt: ±80° Rotation: ±175° Can be directed in any direction and see the wall/ceiling	
<b>System on chip (SoC)</b>		
Model	S5L	
Memory	512 MB RAM, 512 MB Flash	
<b>Video</b>		
Video compression	H.264 (MPEG-4 Part 10/AVC), Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	
Resolution	1920x1080 (1080p) to 320x240	
Frame rate	25/30 fps with power line frequency 50/60 Hz	
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 HDMI	
Multi-view streaming	2 individually cropped out view areas	
Pan/Tilt/Zoom	Digital PTZ	
HDMI output	HDMI 1080p (16:9) @25/30 fps (50/60 Hz) HDMI 720p (16:9) @50/60 fps (50/60 Hz)	
Image settings	Compression, color saturation, brightness, sharpness, contrast, white balance, day/night threshold, exposure control (including automatic gain control), WDR up to 115 dB depending on scene, fine tuning of low-light behavior, text and image overlay, polygon privacy masks, mirroring, rotation: 0°, 90°, 180°, 270°, including Corridor Format, dynamic text and image overlay	
<b>Audio</b>		
Audio streaming	One-way audio	
Audio encoding	48bit LPCM, AAC-LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	
Audio input/output	Built-in microphone (can be disabled), automatic gain control Two-way audio connectivity via the optional AXIS T61 Audio and I/O Interfaces with portcast technology	
<b>Network</b>		
Security	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware	
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)	
<b>System integration</b>		
Application Programming Interface	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-Click Cloud Connection ONVIF <sup>®</sup> Profile G, ONVIF <sup>®</sup> Profile M, ONVIF <sup>®</sup> Profile S, and ONVIF <sup>®</sup> Profile T, specification at <a href="http://onvif.org">onvif.org</a>	
		Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
Event triggers	Analytics, edge storage events MQTT subscribe Virtual inputs through API	
Event actions	Record video: SD card and network share MQTT publish Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share, and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP, and SNMP trap Overlay text	
Data streaming	Event data	
Built-in installation aids	Pixel counter	
<b>Analytics</b>		
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Supported Autotracking, AXIS People Counter, AXIS Queue Monitor, AXIS Occupancy Estimator, AXIS Direction Detector, AXIS Tailgating Detector, AXIS Random Selector Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>	
<b>General</b>		
Casing	IP42 water- and dust-resistant (to comply with IP42, follow Installation Guide), IK08 impact-resistant, polycarbonate/ABS casing Encapsulated electronics Color: white NCS S 1002-B For repainting instructions, contact your Axis partner.	
Sustainability	52% recycled plastics, PVC-free, BFR/CFR free	
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 1 Typical 2.6 W, max 3.0 W	
Connectors	RJ45 10BASE-T/100BASE-TX PoE <sup>b</sup> HDMI Type D <sup>b</sup> Audio and I/O connectivity via optional AXIS T61 Audio and I/O Interfaces with portcast technology	
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>	
Operating conditions	0 °C to 45 °C (32 °F to 113 °F) Humidity 10–85% RH (non-condensing)	
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)	
Approvals	EMC ICES-3(A)/NMB-3(A), EN 55024, EN 55035, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A Safety IEC/EN/UL 62368-1, IS 13252 Environment EN 60068-2-1, EN 60068-2-2, EN 60068-2-6, EN 60068-2-14, EN 60068-2-27, EN 60068-2-78, IEC/EN 60529 IP42, IEC/EN 62262 Class IK08, RoHS, WEEE Network NIST SP500-267	
Dimensions	Height: 56 mm (2.2 in) ø 101 mm (4.0 in)	
Weight	150 g (0.33 lb)	
Included accessories	Installation Guide, Windows <sup>®</sup> decoder 1-user license	
Optional accessories	AXIS T94B02D Pendant kit AXIS TM3201 Recessed mount AXIS TM3101 Pendant Wall Mount AXIS T94B01P Conduit back box	

AXIS T94B02M J-Box/Gang box plate  
AXIS T6101 Audio and I/O Interface  
AXIS T6112 Audio and I/O Interface  
Black casing  
Smoked dome  
Axis Mounts  
AXIS Surveillance microSDXC™ Card  
For more accessories see [axis.com](http://axis.com)

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**Video  
management  
software**

AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at [axis.com/vms](http://axis.com/vms)

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**Languages** English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

**Warranty** 5-year warranty, see [axis.com/warranty](http://axis.com/warranty)

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- a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*
- b. *Make sure that the cable has a slim connector plug*

Environmental responsibility:

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