

AXIS M3058-PLVE Network Camera

12 MP outdoor-ready dome with 360° panoramic view and IR illumination

AXIS M3058-PLVE Network Camera delivers outstanding video in any light conditions, using Axis-developed Forensic WDR and Lightfinder technologies. With its integrated, automatically adaptable OptimizedIR illumination, this versatile camera even sees in the dark. The camera offers 360° overview as well as dewarped views. AXIS M3058-PLVE is vandal resistant (IK10) and discreetly designed. The optional black skin, which is also easily repaintable, can be used to further blend the camera into its environment. The camera has good capacity for analytics. It comes factory-focused and is designed for easy installation.

- > [12 MP sensor](#)
- > [OptimizedIR illumination](#)
- > [Lightfinder technology](#)
- > [Forensic WDR](#)
- > [Zipstream for reduced bandwidth and storage](#)



2992 x 2992
4000 x 3000

AXIS M3058-PLVE Network Camera

Camera	
Image sensor	12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS
Lens	Fixed iris, fixed focus, IR corrected, 1.3 mm, F2.2 Horizontal field of view: 181° Vertical field of view: 181°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.19 lux at 50 IRE F2.2 B/W: 0.04 lux at 50 IRE F2.2 0 lux with IR illumination on
Shutter speed	1/22 500 s to 2 s
Camera adjustment	Rotation $n \pm 180^\circ$
System on chip (SoC)	
Model	ARTPEC-6
Memory	2 GB RAM, 512 MB Flash
Video	
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	Overview: 2992x2992 to 160x160 Panorama: 3584x1344 to 192x72 Double panorama: 3584x2688 to 256x144 Quad view: 3584x2688 to 256x144 View area 1-4, 16:9: 2048x1152 to 256x144, 4:3: 2048x1536 to 320x240 Panorama corner left/right: 3200x1600 to 192x72 Double panorama corner: 2880x2880 to 320x240 Corridor: 2560x1920 to 256x144
Frame rate	360° overview only, up to 2992x2992 without WDR: 25/30 fps @ 50/60 Hz 360° overview and dewarped views up to 5 MP with WDR: up to 20 fps @ 50/60 Hz 360° overview and dewarped views up to max resolution with WDR: up to 12.5/15 fps @ 50/60 Hz
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/ABR/MBR H.264
Multi-view streaming	360° overview, dewarped panorama, double panorama, corridor and quad views. Up to 4 individually cropped out and dewarped view areas. All different views can be streamed simultaneously. When streaming 4 dewarped view areas and one 360° overview in max resolution: up to 12 fps per stream
HDMI output	HDMI 1080p @ 50/60 fps (50/60 Hz)
Image settings	Compression, color, brightness, sharpness, contrast, local contrast, white balance, exposure control (including automatic gain control) exposure zones, fine tuning of behavior at different light levels, forensic WDR: up to 120 dB depending on scene, dynamic text and image overlay, polygon privacy masks, mirroring of images, rotation: 0°, 180°, including Corridor Format
Pan/Tilt/Zoom	Digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views, preset positions, guard tour
Audio	
Audio input/output	Two-way audio connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)
Network	
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X (EAP-TLS) ^a 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 ^a , TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP [®] , 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, HDMI, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf)
System integration	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF [®] Profile G, ONVIF [®] Profile S and ONVIF [®] Profile T, 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
Event triggers	Analytics, supervised external input, virtual inputs through API, edge storage events, open casing MQTT subscribe
Event actions	Record video: SD card and network share 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 PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation MQTT publish
Data streaming	Event data
Built-in installation aids	Pixel counter, digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views
Analytics	
Applications	Included AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap
General	
Casing	IP66- and NEMA 4X-rated, IK10 impact-resistant casing in polycarbonate and aluminium, with hard-coated dome and dehumidifying membrane Encapsulated electronics and captive screws Color: White NCS S 1002-B For repainting, use the optional skin cover. Contact your Axis partner for instructions.
Sustainability	PVC-free
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Typical 7.8 W, max 12.95 W
Connectors	Shielded RJ45 10BASE-T/100BASE-TX PoE Terminal block for 1 supervised alarm input and 1 digital output (12 V DC output, max. load 25 mA) HDMI type D [®] Audio and I/O connectivity via AXIS T61 Audio and I/O Interfaces with portcast technology (no support for AXIS T61 Mk II)
IR illumination	Optimized IR with power-efficient, long-life 850 nm IR LEDs with adaptable illumination intensity Range of reach 15 m (49 ft) or more depending on scene
Storage	Support for SD card encryption (AES-XTS-Plain64 256bit) Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	-40 °C to 50 °C (-40 °F to 122 °F) Maximum temperature (intermittent): 55 °C (131 °F) Start-up temperature: -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)
Approvals	EMC EN 55032 Class A, EN 50121-4, IEC 62236-4, EN 55024, 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 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 62368-1, IEC/EN/UL 60950-22, IEC/EN 62471 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60721-3-5 Class 5M3 (vibration and shock), IEC/EN 60529 IP66, IEC/EN 62262 IK10, NEMA 250 Type 4X

	Network NIST SP500-267
Dimensions	Height: 66 mm (2.6 in) ø 149 mm (5.87 in)
Weight	770 g (1.7 lb)
Included accessories	Installation guide, Windows® decoder 1-user license, drill hole template, cable gaskets, connector guard, I/O connector, Resistorx® T20 L-key, mounting bracket, cable hole lid, view protector
Optional accessories	AXIS T94T02D Pendant Kit with weathershield, AXIS T94K01D Pendant Kit, AXIS T94S02L Recessed Mount Kit, AXIS M30 Skin Cover A Black, Axis Mounts & Cabinets, AXIS T6101 Audio and I/O Interface, AXIS T6112 Audio and I/O Interface

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, Polish, Portuguese, Traditional Chinese
Warranty	5-year warranty, see axis.com/warranty

- 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*