

# AXIS M3068-P Network Camera

## 12 MP mini dome with 360° panoramic view

AXIS M3068-P can deliver 360° panoramic overviews as well as a variety of de-warped views. It supports day/night functionality for improved sensitivity in poor light. And, Axis Forensic WDR provides clarity when there's both dark and light areas in the scene. Furthermore, it features Axis Zipstream with H.264/H.265 and a powerful capacity for analytics. AXIS M3068-P is delivered factory focused and features digital roll functionality for easy installation. Made from environmentally-friendly materials, it's re-paintable to blend in with any surroundings and there's black, vandal-resistant and smoke-detector casings available as accessories.

- > [360° panoramic view](#)
- > [Forensic WDR, day/night functionality](#)
- > [Small and discreet design](#)
- > [Zipstream supporting H.264 and H.265](#)
- > [Environmentally friendly materials](#)



2880 x 2880  
4000 x 3000

# AXIS M3068-P Network Camera

<b>Camera</b>		<b>Event actions</b>	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 MQTT publish
<b>Image sensor</b>	12 MP (4000x3000) 1/1.7" progressive scan RGB CMOS	<b>Data streaming</b>	Event data
<b>Lens</b>	1.65 mm, F2.8 Horizontal field of view: 185° Vertical field of view: 185° Fixed iris, IR corrected	<b>Built-in installation aids</b>	Pixel counter, digital roll, repositioning of quad views, digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Analytics</b>	
<b>Minimum illumination</b>	Color: 0.32 lux at 50 IRE, F2.8 B/W: 0.06 lux at 50 IRE, F2.8	<b>Applications</b>	<b>Included</b> AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard, AXIS Video Motion Detection, Active tampering alarm <b>Supported</b> AXIS Occupancy Estimator, AXIS Queue Monitor, AXIS People Counter, AXIS Tailgating Detector, AXIS Direction 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>Shutter speed</b>	1/22000 s to 1s with 50 Hz	<b>Cybersecurity</b>	
<b>Camera angle adjustment</b>	Digital roll: 0–360°	<b>Edge security</b>	<b>Software:</b> Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption <b>Hardware:</b> Secure boot
<b>System on chip (SoC)</b>		<b>Network security</b>	IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall
<b>Model</b>	ARTPEC-7	<b>Documentation</b>	<i>AXIS OS Hardening Guide</i> <i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> AXIS OS Software Bill of Material (SBOM) To download documents, go to <a href="http://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a> To read more about Axis cybersecurity support, go to <a href="http://axis.com/cybersecurity">axis.com/cybersecurity</a>
<b>Memory</b>	2 GB RAM, 512 MB Flash	<b>General</b>	
<b>Video</b>		<b>Casing</b>	Polycarbonate and aluminium casing, encapsulated electronics Color: white NCS S 1002-B For repainting instructions of casing and impact on warranty, contact your Axis partner.
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	<b>Sustainability</b>	71% recycled plastics, PVC free, BFR/CFR free (except image sensor)
<b>Resolution</b>	Overview: 2880x2880 to 160x160 (1:1) Panorama: 3840x2160 to 192x72 (8:3, 16:9 or 32:9) Double panorama: 3584x2688 to 384x288 (4:3 or 16:9) Quad view: 3584x2688 to 384x288 (4:3 or 16:9) View area 1-4: 2048x1536 to 256x144 (4:3 or 16:9) Corner left/right: 3200x1600 to 192x72 (2:1 or 8:3) Double corner: 2880x2880 to 384x288 (1:1 or 4:3) Corridor: 2560x1920 to 256x144 (4:3 or 16:9)	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 Typical 3.7 W, max 6.49 W
<b>Frame rate</b>	360° overview only, up to 2880x2880 without WDR: 25/30 fps @ 50/60 Hz 360° overview and 4 dewarped views with WDR: up to 12.5/15 fps @ 50/60 Hz	<b>Connectors</b>	Shielded RJ45 10BASE-T/100BASE-TX Audio: Audio and I/O connectivity via portcast technology
<b>Video streaming</b>	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 Low latency mode	<b>Storage</b>	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>
<b>Multi-view streaming</b>	360° overview, dewarped panorama, corridor, corner left/right 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 14 fps per stream	<b>Operating conditions</b>	0 °C to 40°C (32 °F to 113 °F) Humidity 10–85% RH (non-condensing)
<b>Image settings</b>	Compression, color saturation, brightness, sharpness, contrast, local contrast, white balance, day/night threshold, tone mapping, exposure control (including automatic gain control), exposure zones, Forensic WDR: up to 120 dB depending on scene, fine tuning of low-light behavior, dynamic text and image overlay, mirroring, digital roll, polygon privacy masks	<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Pan/Tilt/Zoom</b>	Digital PTZ of view areas, digital PT of panorama, corner, corridor and quad views, preset positions, guard tour	<b>Approvals</b>	EMC EN 55032 Class B, EN 55035, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A and B, ICES-3(A)/NMB-3(A), VCCI Class B, RCM AS/NZS CISPR 32 Class B, KC KN32 Class B, KC KN35 <b>Safety</b> IEC/EN/UL 62368-1, IS 13252 <b>Environment</b> IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 <b>Network</b>
<b>Audio</b>			
<b>Audio input/output</b>	Audio features through portcast technology: two-way audio connectivity, voice enhancer		
<b>Network</b>			
<b>Network protocols</b>	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP®, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf)		
<b>System integration</b>			
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-Click Cloud Connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T, specification at <a href="http://onvif.org">onvif.org</a>		
<b>Event conditions</b>	Analytics, edge storage events, virtual inputs through API MQTT subscribe		

	NIST SP500-267		
<b>Dimensions</b>	Height: 49 mm (1.9 in) ø 101 mm (4.0 in)		AXIS T94B02M J-Box/Gang Box Plate AXIS T91A33 Lighting Track Mount AXIS T91A23 Tile grid Ceiling Mount AXIS T61 Audio and I/O Interfaces AXIS Surveillance Cards For more accessories, see <a href="https://axis.com">axis.com</a>
<b>Weight</b>	300 g (0.66 lb)		
<b>Included accessories</b>	Installation guide, Windows® decoder 1-user license		
<b>Optional accessories</b>	AXIS TM3803 Black Casing AXIS TM3804 Smoke Detector Casing AXIS TM3805 Vandal Casing C (IP42 and IK08) AXIS TM3001 Tilt Mount AXIS TM3101 Pendant Wall Mount AXIS T94B02D Pendant kit AXIS TM3201 Recessed Mount AXIS T94B01P Conduit Back Box	<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="https://axis.com/vms">axis.com/vms</a>
		<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
		<b>Warranty</b>	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>