

AXIS M1137 Mk II Box Camera

5 MP affordable surveillance

AXIS M1137 Mk II is an affordable, compact box camera that's easy to install and operate. It supports PoE and redundant DC power to ensure your data is safeguarded in the event of a power outage. Featuring Axis Lightfinder and Axis Forensic WDR, it delivers true colors and great details in challenging light or near darkness. The camera's CS-mount enables flexibility for exchangeable lenses. And a built-in microphone allows you to record video with sound. With AXIS Object Analytics preinstalled, it's possible to detect and classify humans and vehicles. Furthermore, Axis Zipstream with H.264/H.265 significantly lowers bandwidth and storage requirements.

- > [Compact and flexible design](#)
- > [Lightfinder and Forensic WDR](#)
- > [Built-in microphone for audio recording](#)
- > [AXIS Object Analytics](#)
- > [Remote zoom and focus with i-CS](#)



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Camera		
Image sensor	Progressive scan RGB CMOS 1/2.7"	
Lens	<p>M1137 Mk II Varifocal, IR corrected, CS-mount, DC-iris, 2.8–13 mm 5 MP: Horizontal field of view: 112°–24° 4 MP: Horizontal field of view: 115°–25° 5 MP: Vertical field of view: 82°–19° 4 MP: Vertical field of view: 61°–14° Minimum focus distance: 0.8 m (2.6 ft) M1137 Mk II i-CS Varifocal, IR corrected i-CS lens, remote zoom and focus, P-iris control, 3.5–10 mm 5 MP: Horizontal field of view: 99°–31° 4 MP: Horizontal field of view: 103°–33° 5 MP: Vertical field of view: 71°–24° 4 MP: Vertical field of view: 54°–18° Minimum focus distance: 0.8 m (2.6 ft)</p>	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	<p>HDTV 5 MP 25/30 fps with Forensic WDR and Lightfinder: Color: 0.17 lux at 50 IRE, F1.4 B/W: 0.03 lux at 50 IRE, F1.4 Color: 0.12 lux at 30 IRE, F1.4 B/W: 0.02 lux at 30 IRE, F1.4</p>	
Shutter speed	1/33500 to 1/5 s	
System on chip (SoC)		
Model	ARTPEC-7	
Memory	1024 MB RAM, 512 MB Flash	
Compute capabilities	Machine learning processing unit (MLPU)	
Video		
Video compression	<p>H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG</p>	
Resolution	<p>5 MP: 2592x1944 to 160x120 4 MP: 2688x1512 to 160x90</p>	
Frame rate	Up to 25/30 fps in all resolutions	
Video streaming	<p>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</p>	
Image settings	<p>Axis Forensic WDR: up to 120 dB depending on scene, manual shutter time, compression, color, brightness, sharpness, contrast, white balance, exposure control (including automatic gain control), exposure zones, fine tuning of behavior at low light, barrel distortion correction, rotation: 0°, 90°, 180°, 270° including Corridor Format, aspect ratio correction, text and image overlay, privacy mask, mirroring of images</p>	
Pan/Tilt/Zoom	Digital PTZ	
Audio		
Audio streaming	Audio in, simplex, two-way audio via edge-to-edge technology	
Audio encoding	<p>24bit 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</p>	
Audio input/output	External microphone input or line input, built-in microphone (can be disabled), network speaker pairing	
Network		
Network protocols	<p>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)</p>	
System integration		
Application Programming Interface	<p>Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com One-click cloud connection</p>	
Event conditions	<p>ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, and ONVIF® Profile T specification at onvif.org</p> <p>Audio: audio detection Device status: above operating temperature, above or below operating temperature, below operating temperature, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input MQTT subscribe Scheduled and recurring: scheduled event Video: day/night mode, live stream open, tampering</p>	
Event actions	<p>File upload via FTP, HTTP HTTPS, SFTP, network share and email MQTT publish Notification via email, HTTP, HTTPS, TCP Video recording to edge storage, pre- and post-alarm video buffering, PTZ preset, guard tour, send video clip, send SNMP trap, day/night vision mode, WDR mode, status LED indicator, output port</p>	
Built-in installation aids	Pixel counter, remote zoom and focus with i-CS	
Analytics		
AXIS Object Analytics	<p>Object classes: humans, vehicles Scenarios: line crossing, object in area Up to 10 scenarios Metadata visualized with color-coded bounding boxes Polygon include/exclude areas Perspective configuration ONVIF Motion Alarm event</p>	
Metadata	<p>Object data: Classes: humans, faces, vehicles (types: cars, buses, trucks, bikes), license plates Confidence, position Event data: Producer reference, scenarios, trigger conditions</p>	
Applications	<p>Included AXIS Object Analytics, AXIS Video Motion Detection, AXIS Live Privacy Shield, active tampering alarm Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/acap</p>	
Approvals		
EMC	<p>EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55035, EN 61000-6-1, EN 61000-6-2 Australia/New Zealand: RCM AS/NZS CISPR 32 Class A Canada: ICES-3(A)/NMB-3(A) Japan: VCCI Class A Korea: KS C 9832 Class A, KS C 9835 USA: FCC Part 15 Subpart B Class A</p>	
Safety	CAN/CSA C22.2 No. 62368-1, IEC/EN/UL 62368-1	
Environment	EN 50581, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78	
Network	NIST SP500-267	
Cybersecurity	ETSI EN 303 645	
Cybersecurity		
Edge security	<p>Software: 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 Hardware: Axis Edge Vault cybersecurity platform Secure element (CC EAL 6+), Axis device ID, secure keystore, signed video, secure boot</p>	
Network security	<p>IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), IEEE 802.1AE (MACsec PSK/EAP-TLS), IEEE 802.1AR, HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall</p>	
Documentation	<p><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 axis.com/support/cybersecurity/resources</p>	

To read more about Axis cybersecurity support, go to axis.com/cybersecurity

General		M1137 Mk II i-CS 63 x 70 x 149 mm (2.5 x 2.8 x 5.9 in)	
Casing	Polycarbonate blend Color: White NCS S 1002-B and Black NCS S 9000-N	Weight	Without optics: 165 g (0.36 lb) M1137 Mk II With optics: 250 g (0.55 lb) M1137 Mk II i-CS With optics: 240 g (0.52 lb)
Mounting	¼"-20 tripod screw thread Camera stand included	Included accessories	AXIS T91A11 Stand White, installation guide, Windows® decoder 1-user license
Sustainability	PVC free, 20% recycled plastics	Optional accessories	AXIS T91A04/AXIS T91A05 Camera Holders, AXIS T91B53 Telescopic Ceiling Mount, AXIS T92E20 and AXIS T93F Housing Series, mains adaptor PS-P terminal connector, AXIS T8006 PS12, AXIS T90B Illuminators, AXIS T8351 Mk II Microphone 3.5 mm
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.2 W, typical 4.5 W 10-28 V DC, max 6.6 W, typical 4.4 W	Optional lenses	Computar 12.5-50 mm, DC-iris Lens Computar i-CS 2.8-8.5 mm
Connectors	RJ45 10BASE-T/100BASE-TX PoE Terminal block for one input and one output (12 V DC output, max load 25 mA) DC input, terminal block 3.5 mm mic/line in	Video management software	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at axis.com/vms
Storage	Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com	Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Operating conditions	-20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–85% RH (non-condensing)	Warranty	5-year warranty, see axis.com/warranty
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)		
Dimensions	M1137 Mk II 64 x 70 x 179 mm (2.5 x 2.8 x 7.0 in)		