

# AXIS M1137 Network Camera

## 5 MP premium affordable surveillance

AXIS M1137 is an affordable, compact network camera that's easy to install and operate. It supports PoE and redundant DC power, so 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. It includes a CS-mount allowing you to easily change lens to meet your specific requirements. Plus, a built-in microphone allows you to record video with sound. Furthermore, it offers Axis Zipstream with H.264/H.265 to lower bandwidth and storage requirements as well as enhanced security functionality.

- > **5 MP at 30 fps**
- > **Lightfinder and Forensic WDR**
- > **Built-in microphone for audio recording**
- > **Exchangeable CS mount lens**
- > **Zipstream supporting H.264 and H.265**



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<b>Camera</b>		
<b>Image sensor</b>	Progressive scan RGB CMOS 1/2.7"	trap, day/night vision mode, WDR mode, status LED indicator, output port
<b>Lens</b>	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°	<b>Data streaming</b> Event data
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>Built-in installation aids</b> Pixel counter
<b>Minimum illumination</b>	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	<b>Analytics</b>
<b>Shutter speed</b>	1/33500 to 1/5 s	<b>Compute capabilities</b> Machine learning processing unit (MLPU)
<b>Video</b>		<b>AXIS Object Analytics</b> Object classes: humans, vehicles Trigger conditions: 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
<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>Applications</b> Included AXIS Object Analytics AXIS Motion Guard, AXIS Fence Guard, AXIS Loitering Guard AXIS Video Motion Detection, active tampering alarm Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
<b>Resolution</b>	5 MP: 2592x1944 to 160x120 4 MP: 2688x1512 to 160x90	<b>General</b>
<b>Frame rate</b>	Up to 25/30 fps in all resolutions	<b>Casing</b> Polycarbonate blend Color: White NCS S 1002-B and Axis Black NCS S9000-N
<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	<b>Mounting</b> ¼"-20 tripod screw thread Camera stand included
<b>Image settings</b>	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, rotation: 0°, 90°, 180°, 270° including Corridor Format, aspect ratio correction, text and image overlay, privacy mask, mirroring of images	<b>Sustainability</b> PVC free, 20% recycled plastics
<b>Pan/Tilt/Zoom</b>	Digital PTZ	<b>Memory</b> 1024 MB RAM, 512 MB Flash
<b>Audio</b>		<b>Power</b> Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.2 W, typical 4.5 W 8–28 V DC, max 6.6 W, typical 4.4 W
<b>Audio streaming</b>	Audio in, simplex	<b>Connectors</b> 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
<b>Audio encoding</b>	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	<b>Storage</b> Recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Audio input/output</b>	External microphone input or line input, built-in microphone (can be disabled)	<b>Operating conditions</b> -20 °C to 50 °C (-4 °F to 122 °F) Humidity 10–85% RH (non-condensing)
<b>Network</b>		<b>Storage conditions</b> -40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)
<b>Security</b>	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, brute force delay protection, signed firmware, secure boot	<b>Approvals</b> EMC EN 55032 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, IS 13252 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
<b>Supported protocols</b>	IPv4, IPv6 USGv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>®</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1, Syslog	<b>Dimensions</b> 64 x 70 x 179 mm (2.5 x 2.8 x 7.0 in)
<b>System integration</b>		<b>Weight</b> Bare bone: 165 g (0.36 lb) With optics: 250 g (0.55 lb)
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection One-click cloud connection ONVIF <sup>®</sup> Profile G, and ONVIF <sup>®</sup> Profile S, specification at <a href="http://onvif.org">onvif.org</a>	<b>Included accessories</b> AXIS T91A11 Stand White, installation guide, Windows <sup>®</sup> decoder 1-user license
<b>Event conditions</b>	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 Scheduled and recurring: scheduled event Video: day/night mode, live stream open, tampering	<b>Optional accessories</b> 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
<b>Event actions</b>	File upload via FTP, HTTP HTTPS, SFTP, network share and email 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	<b>Optional lenses</b> Computar 12.5–50 mm, DC-iris

<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>	a. <i>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).</i>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>
<b>Warranty</b>	5-year warranty, see <a href="http://axis.com/warranty">axis.com/warranty</a>	