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## AXIS M10 Network Camera Series

Smallest and smartest network cameras from the market leader.



- > Functional and smart design
- > Multiple H.264 streams
- > Easy and flexible installation
- > PIR sensor and illumination LED
- > Microphone and speaker
- > I/O ports

AXIS M10 Series offers small and smart cameras, ideal for securing locations such as small businesses, boutiques, restaurants, hotels or residences. These intuitive and dependable cameras offer best-in-class image quality and professional monitoring capabilities.

AXIS M10 Network Cameras with their functional and smart design offer a high quality yet affordable video surveillance solution. Using progressive scan technology, the cameras provide VGA or HDTV (AXIS M1054) images of moving objects without motion blur.

Multiple H.264 and Motion JPEG streams can be provided simultaneously, individually optimized for different quality needs and bandwidth constraints. AXIS M1011, AXIS M1011-W and AXIS M1031-W additionally support MPEG-4 Part 2 for backward compatibility.

AXIS M10 Series is designed for easy and flexible installation. AXIS M1011-W and AXIS M1031-W offer the choice of either a wireless or a wired connection to the network, and AXIS M1054 can be powered either over Ethernet or by power supply.

AXIS M1031-W and AXIS M1054 feature an integrated PIR sensor for detecting movement even in the dark, and a white LED for illuminating the scene at an event. AXIS M1054 additionally supports one input and one output port for connecting external devices.

AXIS M1031-W and AXIS M1054 provide two-way audio support with built-in microphone and speaker, allowing remote listening in on an area, as well as communication with individuals directly or using uploaded or recorded audio clips.



## Technical Specifications – AXIS M10 Network Camera Series

Camera	
<b>Models</b>	AXIS M1011: Wired interface AXIS M1011-W: Wired and wireless interface AXIS M1031-W: Wired and wireless interface, PIR sensor, illumination LED, audio AXIS M1054: Power over Ethernet, PIR sensor, illumination LED, audio, I/O ports
<b>Image sensor</b>	AXIS M1011/M1011-W/M1031-W: 1/4" progressive scan RGB CMOS, AXIS M1054: 1/4" progressive scan RGB CMOS
<b>Lens</b>	AXIS M1011/M1011-W/M1031-W: 4.4 mm: 47° view*, F2.0, fixed iris, fixed focus AXIS M1054: 2.9 mm: 84° view*, F2.0, fixed iris, fixed focus *horizontal angle of view
<b>Light sensitivity</b>	AXIS M1011/M1011-W/M1031-W: 1-10000 lux, F2.0 AXIS M1054: 1.2 - 100000 lux, F2.0 AXIS M1031-W/M1054: 0 lux with illumination LED on
<b>Shutter time</b>	AXIS M1011/M1011-W/M1031-W: 1/5000 s to 1/4 s AXIS M1054: 1/24500 s to 1/6 s
<b>Pan/Tilt/Zoom</b>	AXIS M1054: Digital PTZ, preset positions, guard tour
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC), Motion JPEG AXIS M1011/M1011-W/M1031-W: MPEG-4 Part 2 (ISO/IEC 14496-2)
<b>Resolutions</b>	AXIS M1011/M1011-W/M1031-W: 640x480 to 160x120 AXIS M1054: 1280x800 to 160x90
<b>Frame rate</b>	H.264: 30 fps in all resolutions Motion JPEG: 30 fps in all resolutions AXIS M1011/M1011-W/M1031-W, MPEG-4 Part 2: 30 fps in all resolutions
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG, as well as MPEG-4 Part 2 with AXIS M1011/ M1011-W/M1031-W Controllable frame rate and bandwidth VBR/CBR H.264, MPEG-4 Part 2
<b>Image settings</b>	Compression, color, brightness, sharpness, contrast, white balance, exposure control, exposure zones, backlight compensation, fine tuning of behavior at low light, rotation Text and image overlay, Privacy mask AXIS M1054: Mirroring
Audio (AXIS M1031-W & AXIS M1054)	
<b>Audio streaming</b>	Two-way
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8kHz, G.726 ADPCM 8 kHz Configurable bit rate
<b>Audio in/out</b>	Built-in microphone and speaker
Network	
<b>Wireless interface</b>	AXIS M1011-W/M1031-W: IEEE 802.11g/b Invisibly integrated antenna
<b>Security</b>	Password protection, IP address filtering, HTTPS** encryption, digest authentication, user access log AXIS M1011-W/M1031-W: WEP 64/128 bit, WPA/WPA2-PSK
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS**, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS

\*\*This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org))

More information is available at [www.axis.com](http://www.axis.com)

System integration	
<b>Application Programming Interface</b>	Open API for software integration, including the ONVIF specification available at <a href="http://www.onvif.org">www.onvif.org</a> , as well as VAPIX® from Axis Communications, specifications available at <a href="http://www.axis.com">www.axis.com</a> Support for AXIS Video Hosting System (AVHS) with One-Click Camera connection
<b>Intelligent video</b>	Video motion detection, active tampering alarm AXIS M1031-W/M1054: Audio detection
<b>Alarm triggers</b>	Intelligent video AXIS M1031-W/M1054: PIR sensor AXIS M1054: PIR sensor, external input
<b>Alarm events</b>	File upload via FTP, HTTP and email Notification via email, HTTP and TCP AXIS M1031-W/M1054: Activation of illumination LED, audio clip playback, AXIS M1054: external output activation
<b>Video buffer</b>	AXIS M1011/M1011-W/M1031-W: 16 MB pre- and post alarm AXIS M1054: 25 MB pre- and post alarm
General	
<b>Processor and memory</b>	AXIS M1011/M1011-W/M1031-W: ARTPEC-B, 64 MB RAM, 32 MB Flash, AXIS M1054: ARTPEC-3, 128 MB RAM, 128 MB Flash
<b>Power</b>	4.9 - 5.1 V DC, max. 6.5 W AXIS M1054: Power over Ethernet IEEE 802.3af Class 2 (max. 6.49W)
<b>Connectors</b>	DC jack, RJ-45 10BASE-T/100BASE-TX AXIS M1054: 1 alarm input and 1 output
<b>PIR sensor</b>	AXIS M1031-W/M1054: Passive infrared (PIR) motion sensor with configurable sensitivity. Max range: 6 m
<b>Illumination LED</b>	AXIS M1031-W/M1054: White illumination LED: 1 W
<b>Operating conditions</b>	Humidity 20 - 80% RH (non-condensing) AXIS M1011/M1011-W/M1031-W: 0 - 50 °C (32 - 122 °F) AXIS M1054: 0 - 40 °C (32 - 113 °F)
<b>Approvals</b>	AXIS M1011: EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950-1, FCC Part 15 Subpart B Class B, VCCI Class B, ICES-003 Class B, C-tick AXIS M1011-W/M1031-W: EN301489-1, EN301489-17, EN300328, EN 60950-1, FCC Part 15 Subpart B and C Class B, RSS-210, C-TICK, TELECOM, KCC, SRRC AXIS M1054: EN 55022 Class B, EN 61000-3-2, EN 61000-3-3, EN 55024, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS CISPR 22, KCC Class B, EN 60950-1 Power supply: EN 60950-1, cCSAus
<b>Weight</b>	AXIS M1011: 94 g (0.21 lb), AXIS M1011-W: 94 g (0.21 lb) AXIS M1031-W: 100 g (0.22 lb), AXIS M1054: 160 g (0.35 lb)
<b>Included accessories</b>	Power supply, stand and clamp, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license AXIS M1054: Extension for stand: 100 mm [4.0"]
<b>Video management software (not incl.)</b>	AXIS Camera Station - Video management software for viewing and recording up to 50 cameras. For more software application via partners, see <a href="http://www.axis.com/products/video/software/">www.axis.com/products/video/software/</a>

