

Axis M1031W-WIRELESS IP Network Camera/Server



Product Features

- Functional and smart design
- Multiple H.264, Motion JPEG and MPEG-4 video streams
- BPIR sensor and illumination LED
- Microphone and speaker
- Wireless connectivity
- Easy and flexible installation
- Two-way audio communication, including built-in microphone and speaker
- Advanced security and network management features
- Open Application Programming Interface (API) for software integration

Camera

Model	AXIS M1031-W: Wired and wireless interface, PIR sensor, illumination LED, audio
Lens	4.4 mm, F2.0, fixed iris, fixed focus, horizontal angle of view: 47°
Shutter Time	1/5000 s to 1/4 s
Image Sensor	1/4" Progressive scan RGB VGA CMOS
Light Sensitivity	0 lux with illumination LED on

Video

Video Compression	H.264 (MPEG-4 Part 10/AVC) MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Image Settings	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
Resolution	Up to 640x480
Frame rate H.264	30 fps in all resolutions
Frame rate MPEG-4	30 fps in all resolutions
Frame rate Motion JPEG	30 fps in all resolutions
Video streaming	Multi-stream H.264, Motion JPEG and MPEG-4 Part 2 H.264/MPEG-4 Part 2: 1 stream in full frame rate and resolution Motion JPEG: 2 individually configured streams in full frame rate and resolution

More streams in either compression if identical or limited in frame rate/resolution

Controllable frame rate and bandwidth

VBR/CBR H.264 & MPEG-4 Part 2

Audio

Audio streaming

Audio compression

Two-way, half duplex

AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz

Configurable bit rate

Audio input/output

Built-in microphone and Speaker

Network

Wireless interface

AXIS M1011-W/M1031-W: IEEE 802.11g/b

Invisibly integrated antenna

Security

Password protection, IP address filtering, HTTPS encryption, digest authentication, user access log

AXIS M1011-W/M1031-W: WEP 64/128 bit, WPA/WPA2-PSK

Supported protocols

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

System integration

Intelligent video

Video motion detection, active tampering alarm

AXIS M1031-W: Audio detection

Alarm triggers

Intelligent video

AXIS M1031-W: Built-in PIR sensor

Alarm events

File upload via FTP, HTTP and email

Notification via email, HTTP and TCP

AXIS M1031-W: Activation of illumination LED, audio clip playback

16 MB pre- and post alarm

Video buffer

General

Processors and memory

ARTPEC-B, 64 MB RAM, 32 MB Flash

Power

4.9 – 5.1 V DC, max. 7.5 W

Connectors

RJ-45 10BASE-T/100BASE-TX Auto-MDIX, DC jack

Operating conditions

0 – 50 °C (32 – 122 °F)

Humidity 20 - 80% RH (non-condensing)

Approvals

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,TELEC, KCC

Weight

Power supply: EN 60950-1, cCSAus

190 g (0.42 lb.)