

## AXIS M1145-L Network Camera

Compact and affordable HDTV 1080p camera with OptimizedIR

AXIS M1145-L with board-mounted, varifocal P-Iris lens provides excellent image quality in 2 megapixel/HDTV resolution. The P-Iris control provides optimal depth of field, resolution, image contrast and clarity. AXIS M1145-L offers edge storage and Axis' OptimizedIR, a power-efficient IR LED technology providing automatic illumination of a scene in complete darkness. Remote zoom and focus eliminate the need for hands-on fine tuning, and digital pan/tilt/zoom allows a view cropped from the full view to be streamed for viewing or recording. The input/output port can be used for simple notification to an alarm panel, control of a relay or when using a PIR sensor.

- > **HDTV 1080p/2 MP quality**
- > **Axis' OptimizedIR**
- > **P-Iris control**
- > **Power over Ethernet**
- > **I/O support**



# AXIS M1145-L Network Camera

Camera	
<b>Image sensor</b>	1/2.9" progressive scan RGB CMOS
<b>Lens</b>	Varifocal, P-Iris 3-10.5 mm, F1.4 Horizontal field of view: 95°-34° Vertical field of view: 47°-19° Built-in IR-cut filter and motorized focus/zoom
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	Color: 0.4 lux, F1.4 B/W: 0.08 lux, F1.4, 0 lux with IR illumination on
<b>Shutter time</b>	1/28000 s to 2 s with 50 Hz 1/33500 s to 2 s with 60 Hz
<b>Pan/Tilt/Zoom</b>	Digital PTZ
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main Profiles Motion JPEG
<b>Resolutions</b>	1920x1080 to 160x90
<b>Frame rate</b>	25/30 fps in all resolutions with power line frequency 50/60 Hz
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
<b>Image settings</b>	Compression, color, brightness, sharpness, contrast, white balance, backlight compensation, mirroring of images, rotation - including corridor format, text and image overlay, privacy mask, rotation: 0°, 90°, 180°, 270° WDR - dynamic contrast, exposure control, exposure zones, fine tuning of behavior at low light
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, digest authentication, user access log, centralized certificate management
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMPv1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform, specifications available at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, active tampering alarm <b>Supported</b> AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Cross Line Detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>
<b>Event triggers</b>	Analytics, edge storage events, external input, time scheduled
<b>Event actions</b>	File upload via FTP, HTTP and network share and email Notification via email, HTTP and TCP, pre- and post-alarm video buffering, external output activation, video recording to edge storage, go to PTZ preset, guard tour
	Activation of IR illumination
<b>Data streaming</b>	Event data
General	
<b>Casing</b>	Color: White NCS S 1002-B Aluminium and PC/Siloxane, 42% recycled plastic
<b>Sustainability</b>	PVC free
<b>Memory</b>	256 MB RAM, 128 MB Flash
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Max. 10.5 W
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE 1 alarm input and 1 output
<b>IR illumination</b>	Optimized IR, highly efficient LEDs with adjustable intensity and angle of illumination. Range up to 15 m (50 ft).
<b>Storage</b>	Support for microSD/microSDHC/microSDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>
<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 20-80% RH (non-condensing)
<b>Approvals</b>	<b>EMC</b> EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, 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 Class B, KCC KN22 Class B, KN24 <b>Safety</b> IEC/EN/UL 60950-1 <b>Environment</b> EN 50581 <b>Other</b> IEC/EN 62471
<b>Dimensions</b>	Height: 46 mm (1.79 in) Length: 114 mm (4.5 in) Width: 75 mm (3 in)
<b>Weight</b>	260 g (0.57 lb)
<b>Included accessories</b>	Stand, Installation Guide, Windows decoder 1-user license
<b>Optional accessories</b>	Axis mounts, Axis housings and cabinet, Axis midspans, Axis illuminators For more accessories, see <a href="http://www.axis.com">www.axis.com</a>
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/techsup/software">www.axis.com/techsup/software</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)