

# AXIS 207 Network Camera

*The true bandwidth-efficient MPEG-4 network camera*

The AXIS 207 Network Camera is a compact, versatile and cost-effective solution for indoor surveillance and remote monitoring. It offers the best bandwidth efficiency and image quality in its class. The high quality, progressive scan CMOS image sensor performs excellent in low light conditions down to 1 lux.

The AXIS 207 features MPEG-4 implementation with motion estimation for optimized bandwidth usage. Simultaneous MPEG-4 including audio, Motion JPEG and still image JPEG allow systems to be optimized for both image quality and bandwidth-efficiency. A built-in microphone for one-way audio enables remote users to not only view, but also listen in on an area and increase the monitoring options. With a built-in Web server, the AXIS 207 has support for unlimited simultaneous viewers over a standard Ethernet connection. The camera comes with the free AXIS Internet Dynamic DNS Service for easy installation.

This entry-level camera provides the perfect solution for use in small offices, mid-sized businesses, stores and homes over a local area network or across the Internet.



- MPEG-4 image compression for optimized bandwidth efficiency
- Built-in Web server for remote monitoring and surveillance
- Built-in microphone for one-way audio
- Excellent low light performance down to 1 lux
- Superior image quality with up to 30 frames per second in full VGA resolution

Specifications	
<b>Image Sensor</b>	1/4" Progressive Scan RGB CMOS
<b>Lens</b>	4.0 mm, F2.0, fixed iris, horizontal viewing angle: 55°
<b>Minimum illumination</b>	1 lux at F2.0 with 17 dB S/N
<b>Video compression</b>	Motion JPEG MPEG-4 with motion estimation MPEG-4 support: Simple profile, level 0-3, Advanced Simple profile level 0-5
<b>Resolutions</b>	7 resolutions up to 640x480
<b>Frame rate</b>	Up to 30 frames per second in all resolutions
<b>Video streaming</b>	Simultaneous Motion JPEG and MPEG-4 Controllable frame rate and bandwidth 3GPP and ISMA compatible
<b>Image settings</b>	Compression levels: 100 Rotation: 0°, 180° Configurable color level, brightness, contrast, white balance Overlay capabilities: time, date and text
<b>Audio</b>	Standard MPEG-4 using one-way AAC LC audio, supported by QuickTime, RealPlayer and Packet Video
<b>Shutter time</b>	1/2 - 1/10 000 second
<b>Security</b>	Multiple user access levels with password protection
<b>Users</b>	10 simultaneous unicast users Unlimited users using multicast (MPEG-4)
<b>Alarm and event management</b>	Events triggered by built-in video motion detection or external input MPEG-4 video or Motion JPEG image upload using email Notification via email, HTTP and external output Pre- and post alarm buffering in MPEG-4 file up to 4 MB
<b>Connectors</b>	Ethernet 10BaseT/100BaseTX, RJ-45 Terminal block for I/O (1 alarm input, 1 output) and alternative power connection
<b>Processors and memory</b>	CPU, video processing and compression: ARTPEC-A Memory: 32 MB RAM, 4 MB Flash
<b>Power</b>	5.1 V DC, max 5 W
<b>Operating conditions</b>	5 - 50 °C (41 - 122 °F) Humidity 20 - 80% RH (non-condensing)
<b>Installation, management and maintenance</b>	Installation tool on CD and Web-based configuration AXIS Camera Explorer for recording Firmware upgrades over HTTP or FTP, firmware available at <a href="http://www.axis.com">www.axis.com</a>
<b>Video access</b>	Camera live view, customizable HTML pages MPEG-4/AAC players supported: Packet Video, QuickTime standalone player as well as Internet Explorer/Netscape/Mozilla/Firefox/Safari browser plugins, RealPlayer, Windows Media Player (requires MPEG-4 plugin) Viewing of MPEG-4 real-time streams as well as alarm recordings supported. (3rd party decoders needed in some instances)
<b>Minimum Web browsing requirements</b>	Pentium III CPU 500 MHz or higher, or equivalent AMD 128 MB RAM AGP graphic card, Direct Draw, 32 MB RAM Windows XP, 2000, NT4.0, ME or 98, DirectX 9.0 or later Internet Explorer 5.x or later Mac OS X 10.3 or higher and Safari 1.3 or higher with QuickTime browser plugin For other operating systems and browsers see <a href="http://www.axis.com/techsup">www.axis.com/techsup</a>
<b>System integration support</b>	Powerful API for software integration available at <a href="http://www.axis.com">www.axis.com</a> including HTTP API, AXIS Media Control SDK, event trigger data in video stream, embedded scripting Embedded operating system: Linux 2.4
<b>Supported protocols</b>	IP, HTTP, TCP, ICMP, RTSP, RTP, UDP, IGMP, RTPC, SMTP, FTP, DHCP, UPnP, ARP, DNS, DynDNS, SOCKS, NTP etc. More information on protocol usage available at <a href="http://www.axis.com">www.axis.com</a>
<b>Applications (not incl.)</b>	AXIS Camera Station - Surveillance application for viewing, recording and archiving up to 25 cameras AXIS Camera Recorder - Surveillance application for viewing and recording up to 16 cameras See <a href="http://www.axis.com/partner/adp_partners.htm">www.axis.com/partner/adp_partners.htm</a> for more software applications via partners
<b>Included Accessories</b>	Power supply 5.1 V DC, flexible clamp, stand, connector block, Installation Guide, CD with installation tool, software and User's Manual, AXIS Camera Explorer, MPEG-4 licenses (1 encoder, 1 decoder), MPEG-4 decoder (Windows)
<b>Approvals</b>	EMC: EN55024:1998+A1, EN55022:1998 Class B, EN61000-3-2:2000, EN61000-3-3:1995+A1 FCC Part 15 Subpart B Class B, VCCI: 2003 Class B ITE, C-tick AS/NZS 3548 and ICES-003 Class B by compliance with EN55022:1998 Class B Safety: UL and CSA (power supply), EN60950
<b>Dimensions (HxWxD) and weight</b>	85 x 55 x 34 mm (3 1/8" x 2 3/16" x 1 1/8") 177 g (6 1/4 oz) incl stand, excl. power supply



AXIS 207 Network Camera with camera stand - stand included



AXIS 207 Network Camera with flexible clamp - clamp included



The 4-pin I/O terminal connector provides the interface to 1 alarm input, 1 output, auxiliary power and GND. The terminal connector is used in applications for e.g. external PIR sensor, event triggering for alarm notification via email.

[www.axis.com](http://www.axis.com)



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