AXIS 207/207W
Network Cameras

The true bandwidth-efficient MPEG-4 network cameras

The AXIS 207 Network Cameras, from the recognized market leader in network video, offer compact and cost-effective solutions for indoor surveillance and remote monitoring. The built-in microphone enables remote users to not only view, but also listen in on an area and increase the monitoring options.

The AXIS 207 family offers the best image quality in its class, providing excellent image quality also in low lighting conditions. In addition, it provides the best bandwidth efficiency, thanks to its MPEG-4 implementation that includes motion estimation. Simultaneous MPEG-4 and Motion JPEG allow systems to be optimized for both image quality and bandwidth.

With their built-in Web server, the AXIS 207 Network Cameras can be monitored via a standard browser on a Windows computer as well as a Mac. In addition to the included AXIS IP Utility tool for Windows, the cameras support both UPnP and Bonjour, for easy location on the network in a Windows or Mac environment.

Snapshots can be taken directly from the Web interface, in addition, video can be sent by email when the camera detects motion, or when triggered by a sensor connected to the alarm input. Video can also be recorded via the included AXIS Camera Explorer software.

The AXIS 207W Network Camera comes with both wireless IEEE802.11g and Ethernet network interface for flexible installation. It supports the WPA (Wi-Fi Protected Access) and WPA2 protocols to provide the best security measures for wireless networks. The high performing wireless transmission with a wide coverage range gives the freedom to place the camera where it is needed, instead of where the network outlet is.

These entry-level network cameras are ideal for securing small businesses, home offices and residences over a local area network or the Internet.

- Simultaneous Motion JPEG and MPEG-4 optimize for quality and bandwidth

- Built-in Web server for monitoring via standard browser on Windows or Mac

- Superior image quality with up to 30 frames per second in VGA resolution

- Excellent low light performance

- Built-in microphone for synchronized audio

- Wireless IEEE802.11g and Ethernet for flexible installation (AXIS 207W)

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Specifications

Models	AXIS 207 AXIS 207W: Wireless	Installation, management and maintenance	Installation tool on CD and Web-based configuration Configuration backup and restore AXIS Camera Explorer for recording Firmware upgrades over HTTP or FTP, firmware available at www.axis.com
Image sensor	¼" Progressive Scan RGB CMOS		
Lens	4.0 mm, F2.0, fixed iris, horizontal viewing angle: 55°		
Minimum illumination	1 lux, F2.0	Video access	Camera live view, customizable HTML pages Support for viewing MPEG-4 and Motion JPEG real-time video streams as well as alarm recordings MPEG-4/AAC players supported: AXIS Media Control (included ActiveX that installs upon connection via Internet Explorer), Packet Video, QuickTime, RealPlayer standalone players and browser plug-ins, Windows Media Player (requires MPEG-4 plug-in for viewing recordings)
Video compression	Motion JPEG MPEG-4 with motion estimation MPEG-4 Profiles: Simple profile, level 0-3, and Advanced Simple Profile, level 0-5		
Resolutions	7 resolutions up to 640x480		
Frame rate	Up to 30 frames per second in all resolutions	Minimum Web browsing requirements	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 later and Safari 1.3 or later with QuickTime browser plugin For other operating systems and browsers see www.axis.com/techsup
Video streaming	Simultaneous Motion JPEG and MPEG-4 Controllable frame rate and bandwidth 3GPP and ISMA compatible		
Image settings	Compression levels: 100 Rotation: 0°, 180° Configurable color level, brightness, contrast, white balance Overlay capabilities: time, date and text		
Shutter time	1/2 - 1/10000 second	System integration support	Powerful API for software integration available at www.axis.com including HTTP API, AXIS Media Control SDK, event trigger data in video stream, embedded scripting support Embedded operating system: Linux 2.4
Audio	Built-in microphone for one-way audio Standard MPEG-4 audio using AAC LC compression		
Wireless interface (AXIS 207W)	IEEE 802.11g 6 - 54 Mbps IEEE 802.11b 1 - 11Mbps Transmit power: 14 - 17dBm Receiver Sensitivity: -90 dBm at 1 Mb Modes: Infrastructure and ad-hoc	Supported protocols	IP, HTTP, TCP, ICMP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS, SOCKS, NTP, etc. More information on usage available at www.axis.com
		Applications (not incl.)	AXIS Camera Station – Surveillance application for viewing, recording and archiving up to 25 cameras AXIS Camera Management - Efficient installation and management tool for Axis network video products See www.axis.com/partner/adp_partners.htm for more software applications via partners
Security	Multiple user access levels with password protection AXIS 207W: WEP 64/128 bit, WPA, WPA2, AES, TKIP		
Users	10 simultaneous unicast users Unlimited users using multicast (MPEG-4)		
Alarm and event management	Events triggered by built-in motion detection or external input Upload of MPEG-4 video or Motion JPEG images over email Notification via email, HTTP and external output Pre- and post alarm buffering in MPEG-4 file up to 4 MB	Included accessories	Power supply, stand, clamp, connector block, Installation Guide, CD with installation tool, software and User's Manual, AXIS Camera Explorer license, MPEG-4 licenses (1 encoder, 1 decoder), MPEG-4 decoder (Windows)
Connectors	AXIS 207: Ethernet 10BaseT/100BaseTX, RJ-45 AXIS 207W: Ethernet 10BaseT/100BaseTX, RJ-45, Auto-MDIX Terminal block for 1 alarm input, 1 output and alternative power connection	Accessories (not incl.)	AXIS 292 Network Video Decoder AXIS MPEG-4 Decoder 10 user license pack
Processors and memory	CPU, video processing and compression: ARTPEC-A RAM: 32 MB AXIS 207: 4 MB Flash AXIS 207W: 8 MB Flash	Approvals	AXIS 207: EN55024, EN55022 Class B, EN61000-3-2, EN61000-3-3, EN60950, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, C-tick AS/NZS 3548 AXIS 207W: EN 300328, EN 301489, EN60950, FCC Part 15 Subpart B & C Class B, ICES-003 Class B, RSS210, VCCI Class B, C-tick AS/NZS 4771 Power supply: UL, CSA
Power	AXIS 207: 5.1 V DC, max 2.5 W AXIS 207W: 5.1 V DC, max 3.5 W		
Operating conditions	5-50 °C (41-122 °F) Humidity 20 - 80% RH (non-condensing)	Dimensions (HxWxD) and weight	AXIS 207: 85 x 55 x 34 mm (3$\frac{1}{3}$"x2$\frac{3}{16}$" x 1$\frac{1}{3}$") 177 g (6$\frac{1}{4}$ oz) incl. stand, excl. power supply AXIS 207W: 85 x 55 x 40 mm (3$\frac{1}{3}$"x2$\frac{3}{16}$" x 1$\frac{9}{16}$") excl. antenna 190 g (6$\frac{11}{16}$ oz) incl. stand, excl. power supply

AXIS 207/207W Network Camera with camera stand – stand included

AXIS 207/207W Network Camera with flexible clamp – clamp included

The four-pin terminal connector provides the interface to 1 alarm input, 1 output, alternative power connection. It can be used for connecting e.g. an external alarm device for triggering an alarm notification via email.

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