

# 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 IEEE 802.11g 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 IEEE 802.11g and Ethernet for flexible installation (AXIS 207W)

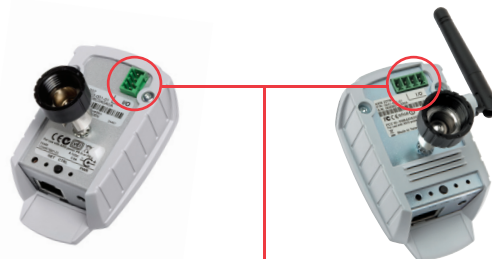
| Specifications                        |                                                                                                                                                                                                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|---------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Models</b>                         | AXIS 207<br>AXIS 207W: With additional wireless interface                                                                                                                                                                                 | <b>Installation, management and maintenance</b> | Installation tool on CD and Web-based configuration<br>Configuration backup and restore<br>AXIS Camera Explorer for recording<br>Firmware upgrades over HTTP or FTP, firmware available at <a href="http://www.axis.com">www.axis.com</a>                                                                                                                                                                                            |
| <b>Image sensor</b>                   | 1/4" Micron Progressive Scan RGB CMOS                                                                                                                                                                                                     | <b>Video access</b>                             | Camera live view, customizable HTML pages<br>Support for viewing MPEG-4 and Motion JPEG real-time video streams as well as alarm recordings<br>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 3rd party MPEG-4 plug-in for viewing recordings) |
| <b>Lens</b>                           | 4.0 mm, F2.0, fixed iris, horizontal viewing angle: 55°                                                                                                                                                                                   | <b>Minimum Web browsing requirements</b>        | Pentium III CPU 500 MHz or higher, or equivalent AMD<br>128 MB RAM<br>AGP graphic card, Direct Draw, 32 MB RAM<br>Windows XP, 2000, NT4.0, ME or 98, DirectX 9.0 or later<br>Internet Explorer 5.x or later<br>Mac OS X 10.3 or later and Safari 1.3 or later with QuickTime browser plugin<br>For other operating systems and browsers see <a href="http://www.axis.com/techsup">www.axis.com/techsup</a>                           |
| <b>Minimum illumination</b>           | 1 lux, F2.0                                                                                                                                                                                                                               | <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 support<br>Embedded operating system: Linux 2.4                                                                                                                                                                                 |
| <b>Video compression</b>              | Motion JPEG<br>MPEG-4 Part 2 (ISO/IEC 14496-2) with motion estimation, Profiles: Simple profile, level 0-3, and Advanced Simple Profile, level 0-5                                                                                        | <b>Supported protocols</b>                      | IP, HTTP, TCP, ICMP, RTSP, RTP, UDP, IGMP, RTCP, SMTP, FTP, DHCP, UPnP, Bonjour, ARP, DNS, DynDNS, SOCKS, NTP, etc.<br>More information on usage available at <a href="http://www.axis.com">www.axis.com</a>                                                                                                                                                                                                                         |
| <b>Resolutions</b>                    | 7 resolutions up to 640x480                                                                                                                                                                                                               | <b>Applications (not incl.)</b>                 | AXIS Camera Station – Surveillance application for viewing, recording and archiving up to 25 cameras<br>AXIS Camera Management – Efficient installation and management tool for Axis network video products<br>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>Frame rate</b>                     | Up to 30 frames per second in all resolutions                                                                                                                                                                                             | <b>Included accessories</b>                     | 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)                                                                                                                                                                                                               |
| <b>Video streaming</b>                | Simultaneous Motion JPEG and MPEG-4<br>Controllable frame rate and bandwidth<br>3GPP and ISMA compatible                                                                                                                                  | <b>Accessories (not incl.)</b>                  | AXIS 292 Network Video Decoder<br>AXIS MPEG-4 Decoder 10 user license pack                                                                                                                                                                                                                                                                                                                                                           |
| <b>Image settings</b>                 | Compression levels: 100<br>Rotation: 0°, 180°<br>Configurable color level, brightness, contrast, white balance<br>Overlay capabilities: time, date and text                                                                               | <b>Approvals</b>                                | 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<br>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<br>Power supply: UL, CSA                                                                                                         |
| <b>Shutter time</b>                   | 1/2 – 1/10000 second                                                                                                                                                                                                                      | <b>Dimensions (HxWxD) and weight</b>            | AXIS 207: 85 x 55 x 34 mm (3 1/8" x 2 3/16" x 1 1/8")<br>177 g (6 1/4 oz) incl. stand, excl. power supply<br>AXIS 207W: 85 x 55 x 40 mm (3 1/8" x 2 3/16" x 1 9/16") excl. antenna<br>190 g (6 1/16 oz) incl. stand, excl. power supply                                                                                                                                                                                              |
| <b>Audio</b>                          | Built-in microphone for one-way audio<br>Standard MPEG-4 audio using AAC LC compression<br>Audio synchronized with MPEG-4 video                                                                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Wireless interface (AXIS 207W)</b> | IEEE 802.11g 6 – 54 Mbps<br>IEEE 802.11b 1 – 11 Mbps<br>Transmit power: 14 – 17 dBm<br>Receiver Sensitivity: -90 dBm at 1 Mb<br>Modes: Infrastructure and ad-hoc                                                                          |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Security</b>                       | Multiple user access levels with password protection<br>AXIS 207W: WEP 64/128 bit, WPA, WPA2, AES, TKIP                                                                                                                                   |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Users</b>                          | 10 simultaneous unicast users<br>Unlimited users using multicast (MPEG-4)                                                                                                                                                                 |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Alarm and event management</b>     | Events triggered by built-in motion detection or external input<br>Upload of MPEG-4 video or Motion JPEG images over email<br>Notification via email, HTTP and external output<br>Pre- and post alarm buffering in MPEG-4 file up to 4 MB |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Connectors</b>                     | AXIS 207: Ethernet 10BaseT/100BaseTX, RJ-45<br>AXIS 207W: Ethernet 10BaseT/100BaseTX, RJ-45, Auto-MDIX<br>Terminal block for 1 alarm input, 1 output and alternative power connection                                                     |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Processors and memory</b>          | CPU, video processing and compression: ARTPEC-A<br>RAM: 32 MB<br>AXIS 207: 4 MB Flash<br>AXIS 207W: 8 MB Flash                                                                                                                            |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Power</b>                          | AXIS 207: 5.1 V DC, max 2.5 W<br>AXIS 207W: 5.1 V DC, max 3.5 W                                                                                                                                                                           |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Operating conditions</b>           | 5-50 °C (41-122 °F)<br>Humidity 20 – 80% RH (non-condensing)                                                                                                                                                                              |                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                      |



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 and alternative power connection. It can be used for connecting e.g. an external alarm device for triggering an alarm notification via email.

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

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COMMUNICATIONS

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