

AXIS 210 Network Camera

Superior video quality for professional indoor applications

From the leader in video networking, the AXIS 210 is a professional-level network camera, suitable for indoor security surveillance and remote monitoring applications. Backed by the industry's largest application base, it is an ideal choice for securing offices, shops and other facilities over the local area network or across the Internet.

Connecting directly to IP networks via Ethernet, the built-in web server, open application interface and sophisticated networking functions based on industry standards greatly simplify installation and systems integration. This network camera is ideal for video viewing, recording and management.

Designed to provide the best image quality in its class, AXIS 210 uses a progressive scan CCD sensor and powerful real-time image processing hardware to guarantee full frame rate, even at VGA resolution. Furthermore, its unique combination of simultaneous Motion JPEG and advanced MPEG-4 streams allows systems to be optimized for image quality and bandwidth-efficiency. More functions include video scaling, video motion detection, pre and post alarm buffers, notification, privacy masking and support for external I/O, such as sensors and relays.



- Superior image quality using progressive scan CCD sensor and advanced video processing
- Fully featured network camera, including built-in web server
- Built-in Video Motion Detection with pre and post alarm buffers
- Simultaneous Motion JPEG and MPEG-4 streams optimized for quality and bandwidth
- A range of resolutions up to: 640 x 480 in different quality levels at up to 30 frames per second
- Capability to insert mask, custom logo or overlay image in the video stream

General

- Simultaneous Motion JPEG or MPEG-4 based network camera with built-in web server
- Superior quality CCD image sensor with progressive scan

Functions

- Built-in Video Motion Detection
- Scheduled and triggered event functionality with alarm notification via e-mail, TCP, HTTP and upload of images via e-mail, FTP & HTTP
- Pre/post alarm buffer of up to 20 seconds of 320x240 resolution video at 4 frames per second
- A mask, custom logo or overlay may be inserted in the video stream
- Flash memory provide ability to upload embedded applications
- Support for 20 simultaneous direct viewers. Unlimited number of viewers using MPEG-4 and multicast, or via a relaying server
- UPnP
- AXIS Dynamic DNS service

System Requirements

The following specifications apply to the use of browser-based viewing. When using an application software, please refer to the specifications provided with the software.

Hardware

CPU:

- Pentium III 500 MHz or higher, any AMD Athlon Memory**
- 128 MB RAM**
- Meeting the specification for selected operating system and browser

Graphic card**:

- AGP card with Direct Draw support and 16 MB video memory (32/64 MB recommended for high resolutions/color depths)

Software

Supported operating systems:

- Windows XP**, 2000**, NT4.0, ME and 98, Linux and Mac OS X

Supported Web browsers:

- Windows - Internet Explorer 5.x or later** and Mozilla 1.4* or later
- Linux - Mozilla 1.4* or later
- Mac OS X - Mozilla 1.4* or later and Netscape 7.1* or later

Hardware & System

- Lens F 2.0 4 mm glass lens, CS mount
- Focus range 0.5 mm to infinity
- Sony Super HAD progressive scan CCD 1/4" RGB, 300 K pixels
- AXIS ETRAX 100LX 32bit RISC CPU
- 16 MB RAM, 4 MB Flash
- AXIS ARTPEC-2 video compression chip with 8 MB RAM
- Linux 2.4 kernel

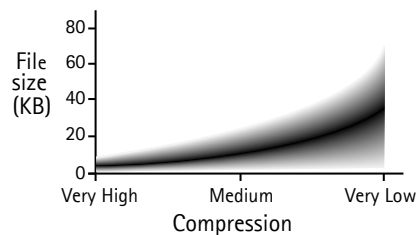
Connections

- Network: 10Base-T/100Base-TX Ethernet networks (RJ-45)
- I/O: 1 alarm input + 1 output (terminal block)
- Power: 9 V DC / 9 W - external power supply, included
- Alternative input voltage 7-20 V DC, min 4 W

Video

- Color & Black/White
- Frame rate: up to 30 frames per second in all resolutions
- Video compression: Motion JPEG and MPEG-4 (Part 2, Advanced Simple Profile at level 5)
- Supports various resolutions and video quality settings
- Max resolution: 640 x 480 VGA in 30 frames per second
- Illumination: 3-10 000 Lux
- Rotation: 90, 180, 270 degrees
- Image scaling

The file size of a JPEG image depends on factors such as selected resolution, compression level and the actual content of the image:



Security

- Multiple user access levels with password protection
- IP address filtering

Firmware updates

- Flash memory allows firmware updates over the network using HTTP or FTP over TCP/IP. Firmware upgrades are available from www.axis.com

Custom Applications

Designed for system integration and custom application development by providing:

- AXIS HTTP API
- AXIS Media Control SDK
- Embedded scripting support
- Customized HTML pages

Operating Conditions

- Temp: 5-45 °C (41-113 °F)
- Humidity: 20-80 % RHG

Dimensions and Weight

- Height: 38 mm (1 1/2 ")
- Width: 88 mm (3 7/16 ")
- Depth: 146 mm (5 3/4 ")
- Weight: 305 g (10 3/4 oz) (excl. power supply)

Approvals

- EMC:
 - CE Compliant according to: EN55024:1998 + A1, EN55022:1998 + A1 Class B, EN61000-3-2:2000, EN61000-3-3:1995 + A1
 - FCC Part 15, subpart B, demonstrated by compliance with EN55022:1998 Class B
 - VCCI:2002 Class B ITE
 - C-tick AS/NZS 3548
- Safety: EN60950, UL, CSA

Included Accessories

- Power supply
- Stand
- Connector kit
- CD-ROM with software and User's Manual

Available Accessories (not incl.)

- AXIS Camera Station - software for recording and management of up to 25 cameras. Advanced search tools. Remote client included
- AXIS Camera Recorder - viewing and event-based recording of up to 16 cameras, search tools included
- AXIS Camera Explorer - basic software for viewing and manual recording of multiple cameras
- AXIS MPEG-4 Decoder 10 user license pack
- More software applications available via partners: www.axis.com/adp_cd

* Limitations in functionality
** MPEG-4 requirements

www.axis.com