

AXIS 213 PTZ - Technical specifications



Height: 130 mm (5.12")
Width: 104 mm (4.09")
Depth: 130 mm (5.12")
Weight: 700 g (1.55 lb) excl. power supply

Power
Bus: 26-pin multi-connector
Ethernet



General

- Network camera with built-in pan/tilt/zoom functionality
- Built-in Web server
- Supports simultaneous streams of Motion JPEG and MPEG-4*
- Supports both desktop and ceiling mounting

Functions

- Low light functionality using built-in IR lighting**
- 20 preset positions and 1 sequence
- PTZ control queue
- Support for 20 simultaneous direct viewers. Unlimited number of viewers using MPEG-4* and multicast, or via a relaying server
- UPnP support
- Advanced event management including up to 6 MB of pre- and post buffers for images
- Pan angle range: 340 degrees
- Tilt angle range: 100 degrees

Additional features when using Connection Module

- Support for full duplex audio
- Possibility to connect external devices
- Analog video output*** (PAL or NTSC)

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:

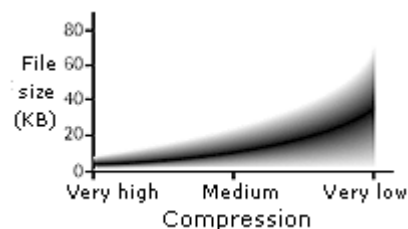
- Pentium III 500 MHz or higher, any AMD Athlon Memory****
- 128 MB RAM****
- Meeting the specification for selected operating system and browser

Graphic card ****:

- AGP card with Direct Draw support and 16 MB

Video

- Color and black/white mode
 - Video compression: Motion JPEG and MPEG-4*
 - Operates down to 1 lux in normal mode and in complete darkness using built-in IR lighting**
 - Frame rate: Up to 30/25 frames per second (NTSC/PAL)
 - Supports 10 different resolutions including 4CIF, 2CIF, CIF and QCIF
 - Max resolution: 768 x 576 (PAL) or 704x480 (NTSC)
 - Configurable backlight compensation, exposure, white balance, etc
 - 5 video compression levels
- The file size of a JPEG image depends on factors such as selected resolution, compression level and the actual content of the image.



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

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 and System

- 1/4" Interlaced CCD
- Motorized zoom lens 3.5 - 91 mm, F1.6 – F4.0, horizontal viewing angle: 42 - 1.7 °
- Auto focus, 26x optical and 12x digital zoom
- AXIS ETRAX 100LX 32-bit RISC CPU
- AXIS ARTPEC-2 video compression chip + 8 MB RAM
- Linux 2.4 kernel
- 32 MB RAM
- 4 MB Flash

Connections

Connections Camera

- Network: 10BaseT/100BaseTX Ethernet networks (RJ-45)
- Power: 13 V DC/1.8 A (max)- external power supply, included
- Bus: 26-pin multi-connector (to Connection Module)

Connection Module (available accessory)

- Bus: 26-pin multi-connector (to camera)
- Audio: Line in (3.5 mm jack) and Line out (3.5 mm jack)
- I/O: 2 alarm inputs + 3 relay outputs (connector block)
- Video: Analog composite video output*** (BNC)

Security

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

Operating conditions

- Temp: 5 - 40 C (41 - 104 °F)
- Humidity: 20 - 80% RHG

Dimensions and weight

- Height: 130 mm (5.12")
- Width: 104 mm (4.09")
- Depth: 130 mm (5.12")
- Weight: 700 g (1.55 lb) (excl. power supply)

Approvals

- EMC:
 - CE Compliant according to: EN55022/1998 Class B, EN55024/1998 A1:2001, EN61000-3-2:2000, EN61000-3-3:1995 A1:2001
 - FCC Part 15, Subpart B, Class B
 - Canada ICES-003 Class B
 - VCCI Class B
 - C-tick AS/NZS 3548
- Safety:
 - EN 60950, UL, CSA, PS<E>, AS, SISIR, GS, FIMKO (AC Adapter)

Included accessories

- Power supply
- Ceiling mount
- Rubber feet kit for desktop use
- Quick Installation Guide
- CD-ROM with software and User's Manual
- One encoding and one decoding MPEG-4 license*

Available Accessories (not incl.)

- AXIS 213CM Connection Module – provides duplex audio, I/O and analog video output***
- 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 292 Network Video Decoder (view only, no PTZ control)
- AXIS MPEG-4 Decoder 10 user license pack*
- IP65-rated Dome Housing for installation of the camera in outdoor or adverse, indoor environments

* MPEG-4 is available as a free software upgrade Q1 2005

** At distances up to 3 m (9.8 ft)

*** Available for ceiling mount only

**** MPEG-4 requirements

***** Limitations in functionality