

## AXIS 213 PTZ Network camera

Pan, tilt and zoom live video directly over your network.



- > 26x optical zoom and 12x digital zoom
- > Superior image quality
- > Operates under all light conditions
- > 20 preset positions
- > Optional two-way audio

AXIS 213 PTZ Network Camera enables advanced remote monitoring with pan, tilt and zoom through operator control from any PC connected to a local area network or the Internet. It is ideal for monitoring people and property – indoors and outdoors – and for remote learning and troubleshooting.

This versatile network camera has a built-in 26x optical zoom, auto focus lens and a 12x digital zoom. It provides wide coverage with its ability to pan 340 degrees, tilt 100 degrees and zoom in on specific details.

AXIS 213 PTZ delivers simultaneous MPEG-4 and Motion JPEG video streams, allowing for optimization in image quality and bandwidth. The MPEG-4 compression mode is ideal for applications where available bandwidth is restricted and higher frame rates are required.

The camera can be manually controlled or scheduled for switching between color image during daytime, and black/white image in low light or nighttime conditions using the built-in IR lighting or an external IR lamp for longer distances.

The camera provides 20 preset positions and 1 preset sequence to monitor specific areas.

Two-way audio and alarm inputs/outputs are available with the optional AXIS 213CM Connection Module.



## Technical specifications – AXIS 213 PTZ Network Camera

| Camera                        |  | Audio                                    |  |
|-------------------------------|--|--|--|
| <b>Models</b>                 | AXIS 213 PTZ: 50 Hz (PAL)<br>AXIS 213 PTZ: 60 Hz (NTSC)<br>Supports both desktop and ceiling mounting  | <b>Audio streaming</b>                   | Requires optional AXIS 213CM Connection Module<br>Two-way (full or half duplex) or one-way   |
| <b>Image sensor</b>           | 1/4" Interlaced CCD  | <b>Audio compression</b>                 | G.711 PCM 8 kHz 64kbit/s<br>G.726 ADPCM 8 kHz 32 or 24 kbit/s  |
| <b>Lens</b>                   | 3.5 – 91 mm, F1.6 – F4.0, motorized zoom lens, auto focus, manual day/night<br>Angle of view, horizontal: 1.7° – 47°   | <b>Audio input/output</b>                | AXIS 213CM Connection module   |
| <b>Minimum illumination</b>   | Color mode: 1 lux, F1.6<br>IR mode: 0.1 lux, F1.6; using built-in IR light in complete darkness up to 3 m (9.8ft)  | Network                                  |  |
| <b>Pan/Tilt/Zoom</b>          | 20 preset positions<br>Pan: ±170°, 1 – 90°/sec<br>Tilt: -10 – 90°, 1 – 70°/sec<br>Zoom: 26x optical, 12x digital<br>Sequence mode, control queue<br>Supports Windows compatible joysticks<br>Designed for operator control*<br>* Not designed for continuous movements | <b>Security</b>                          | Password protection, IP address filtering  |
| Video                         |  | <b>Supported protocols</b>               | IP, HTTP, FTP, SMTP, Bonjour, UPnP, DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS  |
| <b>Video compression</b>      | MPEG-4 Part 2 (ISO/IEC 14496-2)<br>Motion JPEG   | System integration                       |  |
| <b>Resolutions</b>            | 160x90 to 704x576  | <b>Application Programming Interface</b> | Open API for software integration, including VAPIX® from Axis Communications available at <a href="http://www.axis.com">www.axis.com</a>   |
| <b>Frame rate MPEG-4</b>      | Up to 21/17 fps at 4CIF/2CIFExp<br>Up to 30/25 fps at 2CIF/CIF/QCIF  | <b>Intelligent video</b>                 | Video motion detection   |
| <b>Frame rate Motion JPEG</b> | Up to 30/25 fps at 4 CIF   | <b>Alarm triggers</b>                    | Intelligent video and external input*<br>*Requires optional AXIS 213CM Connection Module   |
| <b>Video streaming</b>        | Multi-stream Motion JPEG and MPEG-4<br>Controllable frame rate and bandwidth<br>VBR/CBR MPEG-4   | <b>Alarm events</b>                      | File upload via FTP, HTTP and email<br>Notification via email, HTTP and TCP<br>External output activation  |
| <b>Image settings</b>         | Compression, backlight compensation, manual IR-cut filter<br>Day/Night, white balance, rotation, color/BW, brightness, noise reduction, exposure control<br>Aspect ratio correction<br>Text and image overlay<br>De-interlace (4CIF Resolution)                        | <b>Video buffer</b>                      | 6 MB pre- and post alarm   |
|                               |  | General                                  |  |
|                               |  | <b>Processors and memory</b>             | ETRAX 100LX, ARTPEC-2, 32 MB RAM, 4 MB Flash   |
|                               |  | <b>Power</b>                             | 11.5 – 14 V DC, max. 13 W  |
|                               |  | <b>Connectors</b>                        | Ethernet 10BASE-T/100BASE-TX, RJ-45<br>26-pin multi-connector (to Connection Module)   |
|                               |  | <b>Operating conditions</b>              | 5 – 40 °C (41 – 104 °F)<br>Humidity 20 – 80% RH (non-condensing)   |
|                               |  | <b>Approvals</b>                         | EN 55022 Class B, EN55024, EN 61000-3-2, EN61000-3-3, FCC Part 15 Subpart B Class B, VCCI Class B, ICES-003 Class B, C-tick AS/NZS 3548, EN 60950-1<br>Power supply: EN 60950-1, UL, cUL |
|                               |  | <b>Dimensions (HxWxD)</b>                | 130 x 104 x 130 mm (5.1" x 4.1" x 5.1")  |
|                               |  | <b>Weight</b>                            | 700 g (1.55 lb.) excl. power supply  |
|                               |  | <b>Included accessories</b>              | Power supply, ceiling and desktop mount kit, Installation Guide, CD with installation tools, recording software and User's Manual, Windows decoder 1-user license                        |

More information is available at [www.axis.com](http://www.axis.com)

### AXIS 213CM Connection Module

|                         |  |
|-------------------------|--|
| <b>Connectors</b>       | 2 alarm inputs, 3 outputs<br>Composite video: 1 BNC output |
| <b>Audio</b>            | 3.5 mm line in, 3.5 mm line out                            |
| <b>RS-232</b>           | 9-pin D-Sub  |
| <b>Connection cable</b> | 1 m (3.3 ft)   |

AXIS 213CM Connection Module



### Optional accessories

Various housings



AXIS 295 Video Surveillance Joystick



T90A IR illuminators



For information on AXIS Camera Station and video management software from Axis' Application Development Partners, see [www.axis.com/products/video/software/](http://www.axis.com/products/video/software/)