AXIS 214 PTZ Network Camera  
Day and night camera with pan/tilt/zoom and audio.

AXIS 214 PTZ Network Camera is a high performance camera for professional surveillance and remote monitoring designed for use in mid-sized businesses, such as retail stores and supermarkets. It combines a high quality color camera with the flexibility of remote pan/tilt/zoom through operator control.

Incorporating an 18x optical motorized lens with auto focus, the AXIS 214 PTZ makes it possible to zoom in on small or distant objects with exceptional clarity. The operator can easily track objects with high precision using a mouse or joystick.

Simultaneous MPEG-4 and Motion JPEG provides the AXIS 214 PTZ with superior image quality.

With automatic day and night functionality, this camera provides perfect color images in lowlight conditions as well as sharp black and white images in extremely poor lighting conditions.

The camera has built-in motion detection and powerful event management.

The built-in audio support increases the monitoring options by enabling remote users to not only view, but also listen in on an area and communicate orders or requests to visitors or intruders.
Technical specifications – AXIS 214 PTZ Network Camera

Camera

Models  
- AXIS 214 PTZ: 50 Hz (PAL)
- AXIS 214 PTZ: 60 Hz (NTSC)

Image sensor  
1/4" ExView HAD CCD

Lens  
4.1 – 73.8 mm, F1.3 – 3.0, auto focus, auto day/night, near focus limit 10 mm (wide) or 800 mm (tele) to infinity

Minimum illumination  
Color mode: 0.3 lux at F1.4, 30IRE
White mode: 0.005 lux at F1.4, 30IRE

Shutter time  
1/10000 s to 1 s

Pan/Tilt/Zoom  
- 20 preset positions
- ± 170º pan range, 100°/s pan speed
- -30º – 90º tilt range, 90°/s tilt speed
- 18x optical, 12x digital zoom
- Guard tour, sequence mode, control queue
- Supports Windows compatible joysticks
- Designed for operator control

Video

Video compression  
- MPEG-4 Part 2 (ISO/IEC 14496-2)
- Motion JPEG

Resolutions  
160x120 to 704x576

Frame rate – MPEG-4  
Up to 25/21 fps at 4CIF/2CIFExp
Up to 30/25 fps at 2CIF/CIF/QCIF

Frame rate – Motion JPEG  
Up to 30/25 fps in all resolutions

Video streaming  
Simultaneous MPEG-4 and Motion JPEG

Image settings  
Compression, color, brightness, sharpness, contrast, white balance, exposure control, backlight compensation, aspect ratio correction
Rotation: 90º, 180º, 270º
Text and image overlay
De-interlace filter

Audio

Audio streaming  
Two-way (full or half duplex), one-way

Audio compression  
G.711 PCM 8 kHz
G.726 ADPCM 8 kHz

Audio input/output  
External microphone input or line input, line level output

Dimensions

Approximate dimensions:
- 151 mm (6.0")
- 8 mm (0.3")
- 157 mm (6.2")
- 76 mm (3.0")
- 55 mm (2.2")
- 28 mm (1.1")
- 15 mm (0.6")

Network

Security  
Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control

Supported protocols  
IPx/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3(MIB-II), DNS, DynDNS, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, Socks

System integration

Application Programming Interface  
Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com

Intelligent video  
Video motion detection, audio detection

Alarm triggers  
Intelligent video, PTZ preset, external input

Alarm events  
File upload via FTP, HTTP and email
Notification via email, HTTP and TCP
External output activation

Video buffer  
9 MB pre- and post alarm

General

Processors and memory  
ETRAX 100LX, ARTPEC-2, 32 MB RAM, 8 MB Flash

Power  
11 – 13 V DC max. 14 W

Connectors  
RJ-45 10BASE-T/100BASE-TX
Terminal block for 1 alarm input, 1 output and alternative power connection

Operating conditions  
0 – 45 ºC (32 – 113 ºF)
Humidity 20 – 80% RH (non-condensing)

Approvals  
EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN61000-6-1, EN61000-6-2, FCC Part 15 Subpart B Class B, ICES–003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22, EN 60950-1
Power supply: EN 60950-1, UL, CSA

Weight  
1110 g (2.45 lb.)

Included accessories  

More information is available at www.axis.com

Optional accessories

Various housings

AXIS 295 Video Surveillance Joystick

For information on AXIS Camera Station and video management software from Axis’ Application Development Partners, see www.axis.com/products/video/software/