AXIS 213 PTZ Network camera
Pan, tilt and zoom live video directly over your network.

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

Models
AXIS 213 PTZ: 50 Hz (PAL)
AXIS 213 PTZ: 60 Hz (NTSC)

Supports both desktop and ceiling mounting

Image sensor
1/4” Interlaced CCD

Lens
3.5 – 91 mm, F1.6 – F4.0, motorized zoom lens, auto focus, manual day/night

Angle of view, horizontal: 1.7° – 47°

Minimum illumination
Color mode: 1 lux, F1.6
IR mode: 0.1 lux, F1.6; using built-in IR light in complete darkness up to 3 m (9.8ft)

Pan/Tilt/Zoom
20 preset positions
Pan: ±170°, 1 – 90°/sec
Tilt: -10 – 90°, 1 – 70°/sec
Zoom: 26x optical, 12x digital
Sequence mode, control queue
Supports Windows compatible joysticks
Designed for operator control*

* Not designed for continuous movements

Video

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

Resolutions
160x90 to 704x576

Frame rate
MPEG-4
Up to 21/17 fps at 4CIF/2CIF
Exp
Up to 30/25 fps at CIF/QCIF

Frame rate
Motion JPEG
Up to 30/25 fps at 4 CIF

Video streaming
Multi-stream Motion JPEG and MPEG-4
Controllable frame rate and bandwidth
VBR/CBR MPEG-4

Image settings
Compression, backlight compensation, manual IR-cut filter
Day/Night, white balance, rotation, color/BW, brightness, noise reduction, exposure control
Aspect ratio correction
Text and image overlay
De-interlace (4CIF Resolution)

Audio

Audio streaming
Requires optional AXIS 213CM Connection Module
Two-way (full or half duplex) or one-way

Audio compression
G.711 PCM 8 kHz 64kbit/s
G.726 ADPCM 8 kHz 32 or 24 kbit/s

Audio input/output
AXIS 213CM Connection module

Network

Security
Password protection, IP address filtering

Supported protocols
IP, HTTP, FTP, SMTP, Bonjour, UPnP, DNS, DynDNS, NTP, 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

Alarm triggers
Intelligent video and external input*

*Requires optional AXIS 213CM Connection Module

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

Video buffer
6 MB pre- and post alarm

General

Processors and memory
ETRAX 100LX, ARTPEC-2, 32 MB RAM, 4 MB Flash

Power
11.5 – 14 V DC, max. 13 W

Connectors
Ethernet 10BASE-T/100BASE-TX, RJ-45
26-pin multi-connector (to Connection Module)

Operating conditions
5 – 40 ºC (41 – 104 ºF)
Humidity 20 – 80% RH (non-condensing)

Approvals
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
Power supply: EN 60950-1, UL, cUL

Dimensions (HxWxD)
130 x 104 x 130 mm (5.1” x 4.1” x 5.1”)

Weight
700 g (1.55 lb.) excl. power supply

Included accessories
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

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/