AXIS 215 PTZ Network Camera

Compact pan/tilt/zoom camera for 360° video surveillance.

> **Pan, tilt and zoom**

> **12x optical zoom**

> **360° pan with Auto-flip**

> **Day and night function**

> **Audio detection alarm**

> **Simultaneous MPEG-4 and Motion JPEG**

AXIS 215 PTZ Network Camera, with its unique pan/tilt/zoom capabilities and tamper-resistant design, is the perfect solution for video surveillance in retail stores, banks, receptions and schools.

The camera offers advanced remote monitoring with pan, tilt and zoom over IP networks. The total magnification capacity of 48x (12x optical zoom and 4x digital zoom) increases monitoring options with the ability to show a detailed and precise view of the zoomed-in area.

AXIS 215 PTZ has 360° pan capability, thanks to the unique Auto-flip function. Auto-flip allows the camera to simulate a continuous pan beyond the mechanical stop, thereby enabling an operator to continuously follow an object.

The E-flip function flips the image electronically 180°, allowing a person or object to be followed when passing directly below the camera in the correct orientation without a repositioning delay.

The camera has automatic day and night functionality with a removable IR-cut filter, providing color video when there is sufficient light and high quality black and white video in dark conditions.

AXIS 215 PTZ can send an alarm at a configurable audio detection level. Its two-way audio support allows users to communicate with visitors and intruders.

Simultaneous MPEG-4 and Motion JPEG video streams allow for optimization in both image quality and bandwidth efficiency.
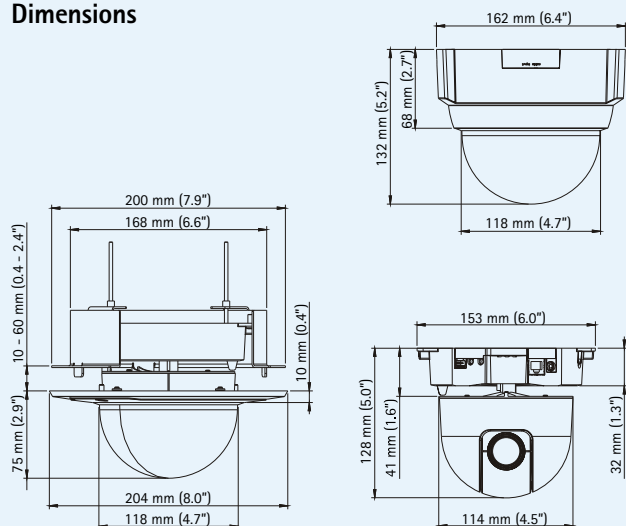
34462/EN/R1/0902

Technical specifications – AXIS 215 PTZ Network Camera

Camera

Models	AXIS 215 PTZ 60 Hz/NTSC AXIS 215 PTZ 50 Hz/PAL
Image sensor	1/4" interlaced CCD
Lens	3.8 – 46 mm, F1.6 – F2.7, automatic day/night, autofocus Angle of view, horizontal: 4.4° – 51.6°
Minimum illumination	Color: 1 lux at 30 IRE, F1.6 B/W: 0.3 lux at 30 IRE, F1.6
Shutter time	NTSC: 1/50000 to 4/3 s PAL: 1/50000 to 8/5 s
Pan/Tilt/Zoom	20 preset positions Auto-flip, E-flip ±170° (360° via Auto-flip) pan range, 180°/s pan speed 180° tilt range, 140°/s tilt speed 12x optical, 4x digital zoom Control queue, image freeze, sequence mode Support Windows compatible joysticks Designed for operator control

Video

Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) Motion JPEG
Resolutions	NTSC: 704x480 to 176x120 PAL: 704x576 to 176 x144
Frame rate MPEG-4	Up to 30/25 (NTSC/PAL) in 2CIF/CIF/QCIF Up to 26/22 (NTSC/PAL) in 4CIF/2CIFExp
Frame rate Motion JPEG	Up to 30/25 (NTSC/PAL) in all resolutions
Video streaming	Simultaneous MPEG-4 and Motion JPEG Controllable frame rate and bandwidth VBR/CBR MPEG-4 ISMA compatible
Image settings	Compression, color, brightness, sharpness, white balance, exposure control, backlight compensation, day/night Rotation 0°, 180° Aspect ratio correction Text and image overlay De-interlace (4CIF resolution)

Audio

Audio streaming	Two-way, full or half duplex
Audio compression	G.711 PCM 8 kHz 64kbit/s G.726 ADPCM 8 kHz 32 or 24 kbit/s
Audio input/output	External microphone input or line input, line level output

Network

Security	Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control
Supported protocols	IPv4/v6, HTTP, HTTPS, QoS Layer 3 DiffServ, FTP, SMTP, Bonjour, UPnP, SNMPv1/v2c/v3 (MIB-II), 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, audio detection
Alarm triggers	Intelligent video and 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 FS, ARTPEC-2, 32 MB RAM, 8 MB Flash
Power	12 V DC ±5%, max 14.5 W
Connectors	RJ-45 for 10BASE-T/100BASE-TX Terminal block for 1 alarm input, 1 output and power out for I/O 3.5 mm mic/line in, 3.5 mm line out
Operating conditions	0 – 45 °C (32 – 113 °F) Humidity 20 – 80% RH (non-condensing)
Approvals	EN 55022 Class B, EN 55024, EN 61000-3-2, EN 61000-3-3, EN 60950-1, FCC Part 15 Subpart B Class B, ICES-003 Class B, C-tick AS/NZS 3548 Power supply: UL, CSA, CE
Weight	730 g (1.6 lb.) incl hard ceiling cover 1260 g (2.8 lb.) incl drop ceiling mounting bracket and cover
Included accessories	Installation Guide, CD with User's Manual, recording software, installation and management tools, hard ceiling and drop ceiling mount kits, indoor power supply, transparent and smoked domes, Windows decoder 1-user license

More information is available at www.axis.com

Dimensions

162 mm (6.4")
132 mm (5.2")
68 mm (2.7")
118 mm (4.7")

200 mm (7.9")
168 mm (6.6")
10 – 60 mm (0.4 – 2.4")
10 mm (0.4")
10 mm (0.4")
75 mm (2.9")
204 mm (8.0")
118 mm (4.7")

153 mm (6.0")
128 mm (5.0")
41 mm (1.6")
32 mm (1.3")
114 mm (4.5")

Optional accessories

Various housings

AXIS 295 Video Surveillance Joystick

AXIS T90A illuminators

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

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