AXIS 215 PTZ-E Network Camera
Compact, outdoor-ready pan/tilt/zoom camera.

AXIS 215 PTZ-E provides IP66-rated protection against dust and water. The built-in heaters, fans and a removable sunshield ensure that the camera can be used in varying weather conditions and temperatures ranging from -20 °C to 40 °C (-4 °F to 104 °F).

The compact camera comes with a pre-mounted wall bracket, as well as Ethernet and power cables for quick installation. A standard 1.5" NPT adapter is also included for other mounting possibilities; e.g., pendant-mounted on a ceiling.

AXIS 215 PTZ-E enables advanced, remote pan/tilt/zoom control over IP networks. It can pan 360°, thanks to the unique Auto-flip functionality that allows the camera to simulate a continuous pan beyond the mechanical stop, thereby enabling an operator to continuously follow an object.

The camera provides 12x optical and 4x digital zoom for detailed views of a zoomed-in area.

AXIS 215 PTZ-E 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.

The camera supports simultaneous MPEG-4 and Motion JPEG video streams for optimization of both image quality and bandwidth efficiency.

AXIS 215 PTZ-E Network Camera is an outdoor-ready, day and night pan/tilt/zoom camera designed for easy and cost-efficient installation in demanding indoor and outdoor environments such as parking lots, train stations and business premises.
Technical specifications – AXIS 215 PTZ-E Network Camera

**Camera**

**Models**
- AXIS 215 PTZ-E: 60 Hz (NTSC)
- AXIS 215 PTZ-E: 50 Hz (PAL)

**Image sensor**
1/4" interlaced CCD

**Lens**
3.8 – 46 mm, F1.6 – F2.7, automatic day/night, autofocus

**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 s to 4/3 s
- PAL: 1/50000 s 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
- Supports Windows compatible joysticks
- Designed for operator control

**Video**

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

**Resolutions**
- NTSC: 704x480 to 176x120
- PAL: 704x576 to 176x144

**Frame rate**
- MPEG-4
  - Up to 30/25 (NTSC/PAL) in 2CIF/QCIF
  - Up to 42/35 (NTSC/PAL) in QCIF/2CIF

**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)

**Network**

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

**Supported protocols**
- IPv4/6, 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**
- Open API for software integration, including VAPIX® from Axis Communications available at www.axis.com

**Intelligent video**
- Video motion detection

**Alarm triggers**
- Intelligent video

**Alarm events**
- File upload via FTP, HTTP and email
- Notification via email, HTTP and TCP

**Video buffer**
- 9 MB pre-and post alarm

**General**

**Casing**
- IP66-rated, rugged aluminum casing with clear dome bubble

**Processors and memory**
- ETRAX FS, ARTPEC-2, 32 MB RAM, 8 MB Flash

**Power**
- 100 – 230 V AC: 1.1 A at 110 V AC, 0.6 A at 230 V AC
- Pre-installed 5 m (16.4 ft.) power cable without mains plug

**Connectors**
- RJ-45 for 10BASE-T/100BASE-TX
- Pre-installed 5 m (16.4 ft.) Cat-5e cable

**Operating conditions**
- -20 °C to 40 °C (-4 °F to 104 °F)
- 2 built-in heaters, 3 built-in fans

**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**
- 4.8 kg (10.6 lb.) incl. cables, excl. wall bracket and sunshield
- 6.1 kg (13.4 lb.) incl. cables, wall bracket and sunshield

**Included accessories**
- 1.5" NPT adapter, Installation Guide, CD with User’s Manual, recording software, installation and management tools, Windows decoder 1-user license

More information is available at www.axis.com

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