AXIS P5635-E PTZ Dome Network Camera
Continuous 360° pan in HDTV 1080p with 30x zoom

AXIS P5635-E is a cost-effective, outdoor-ready HDTV 1080p camera with 30x optical zoom for high-definition video surveillance of large areas. It features a continuous 360° pan capability, with no mechanical stop, for fast camera repositioning and continuous tracking of an object. AXIS P5635-E has day/night functionality and good low light performance. It offers shock detection, video motion detection, Advanced Gatekeeper and Electronic Image Stabilization for steadier video in windy conditions. Wide Dynamic Range - Forensic Capture enables details in bright and dark areas of a scene to be visible. It supports two-way audio, input/output ports, an SD card slot, PoE+ and 24 V AC/DC.

> Continuous 360° pan & 30x optical zoom in HDTV 1080p
> Axis Zipstream technology
> 120 dB Wide Dynamic Range - Forensic Capture
> Electronic Image Stabilization & shock detection
> Advanced Gatekeeper & audio detection
**AXIS P5635-E PTZ Dome Network Camera**

**Models**
- AXIS P5635-E 50 Hz
- AXIS P5635-E 60 Hz

**Camera**
- Image sensor: Progressive scan CMOS 1/2.8"
- Lens: 4.3–129 mm, F1.6–4.7
  - Horizontal field of view: 63.5°–2.4°
  - Vertical field of view: 38.4°–1.5°
- Autofocus, auto-iris
- Day and night: Automatically removable infrared-cut filter
- Minimum illumination: Color: 0.3 lux at 30 IRE F1.6
  - B/W: 0.01 lux at 30 IRE F1.6
- Shutter time: 1/20000 s to 2 s
- Pan/Tilt/Zoom: Pan: 360° endless, 0.2°/s–350°/s
  - Tilt: 180°, 0.2°/s–350°/s
  - 30x Optical zoom and 12x Digital zoom, Total 360x zoom,
  - 100 preset positions, E-flip, Limited guard tour, Control queue,
  - On-screen directional indicator, Set new pan 0°, Focus window

**Video**
- Video compression: H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
- Resolutions: 1920x1080 (HDTV 1080p) to 320x180
- Frame rate: Up to 25/30 fps (50/60 Hz) in all resolutions
- Video streaming: Multiple, individually configurable streams in H.264 and Motion JPEG
- Image settings: Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control, Exposure zones, Automatic backlight compensation, Fine tuning of behavior at low light,120 b J WDR – Forensic Capture, Manual shutter time,
  - Text and image overlay, 2D individual 3D privacy masks, Image freeze on PTZ

**Audio**
- Audio streaming: Two-way
- Audio compression: AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz
- Audio input/output: External microphone or line input, and line output (Requires AXIS 10-pin Push-pull System Connector or Axis Multicable C I/O Audio Power 1 m/5 m, not included)

**Network**
- Security: Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, Digest authentication, User access level, Centralized authentication management

**System integration**
- Application Programming Interface: Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at www.axis.com
- Analytics: Video motion detection, Advanced Gatekeeper Audio detection
- Event triggers: Detectors: live stream accessed, video motion detection, shock detection, day/night mode, audio detection
- System: system ready

**Event actions**
- Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap, WDR mode
- External output activation, play audio clip
- PTZ: PTZ preset, start/stop guard tour

**Data streaming**
- File upload via FTP, SFTP, HTTP, HTTPS and email

**Built-in installation aids**
- Pixel counter

**General**
- Casing: IP66, IK10- and NEMA 4X-rated
- Metal casing (aluminum), clear dome (PC), repaintable skin cover

**Sustainability**
- PVC free
- Memory: 512 MB RAM, 256 MB Flash

**Power**
- Axis PoE+ midspan 1-port: 100–240 V AC
  - IEEE 802.3at Type 2 Class 4
- Camera consumption: typical 9 W, max 20 W
- Multi–connector cable: 20–28 V DC, typical 9 W, max 23 W
  - 20–24 V AC, typical 13 VA, max 31 VA (PoE+ midspan and power supply not included)

**Connectors**
- RJ45 for 10BASE-T/100BASE-TX PoE
- RJ45 Push-pull Connector (IP66) included
  - I/O connector for DC or AC input, 4 configurable alarm inputs/outputs, mic in line in, line out (Axis 10-pin Push-pull System Connector or Axis Multicable C I/O Audio Power1 m/5 m, not included)

**Storage**
- Support for SDHC UHS-I/SDXC UHS-I card
- Support for recording to dedicated network-attached storage (NAS)
- For SD card and NAS recommendations see www.axis.com

**Operating conditions**
- -30 °C to 50 °C (-22 °F to 122 °F)
- Humidity: 10–100% RH (condensing)

**Storage conditions**
- -40 °C to 70 °C (-40 °F to 158 °F)

**Approvals**
- EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 55011, IEC 62364-4, FCC Part 15 Subpart B Class A/B
- EN 61000-3-2, EN 61000-3-3

**Dimensions**
- 217 x 188 x 188 mm (8.9/16 x 7.3/8 x 7.3/8 in)

**Weight**
- 2.5 kg (5.5 lb)

**Included accessories**
- RJ45 Push-pull Connector (IP66), Hard ceiling mount, Spring pipe adaptor, U-profile pipe adaptor, Installation Guide, Windows decoder 1-user license, AHS Authentication key

**Optional accessories**
- AXIS T8182 Mounts, AXIS T9402L Recessed Mount, Outdoor
- RJ45 cable with premounted connector, AXIS T8133 Midspan 30 W 1-port, Repaintable skin covers
- Smoked Dome, Axis 10-pin Push-pull System Connector, Axis Multicable C I/O Audio Power 1 m/5 m

**Video management software**
- AXIS Camera Companion, AXIS Camera Station, Video management software from Axis’ Application Development Partners available on www.axis.com/techsup/software

**Languages**
- English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

**Warranty**
- Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (www.openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).

**Environmental responsibility:**
- www.axis.com/environmental-responsibility