AXIS P5655–E PTZ Network Camera
HDTV 1080p PTZ with 32x zoom and focus recall

AXIS P5655–E PTZ Network Camera is a cost-effective, high performance PTZ with HDTV 1080p and 32x optical zoom. It features Forensic WDR for clarity even when there’s both dark and light areas in the scene. And, Lightfinder 2.0 to capture low-light images with more saturated colors and sharper images of moving objects. It offers electronic image stabilization and enhanced security features including signed firmware and secure boot. With IP66, NEMA 4X and IK10 ratings it’s resistant to both harsh weather conditions and impacts. Plus, you get two-way audio, I/O ports and extended capabilities for advanced analytics.

- HDTV 1080p with 32x optical zoom
- Forensic WDR and Lightfinder 2.0
- Signed firmware and secure boot
- Focus recall and EIS
- Zipstream with support for H.264 and H.265
AXIS P5655–E PTZ Network Camera

Models

Camera

Image sensor 1/2.8” progressive scan RGB CMOS

Lens

Varifocal, 4.3–137.6 mm, FT: 4.0 – 4.0 Vertical field of view: 58.3° – 2.4° Vertical field of view: 35.5° – 1.4° Including EIS, barrel and pincushion distortion correction Autofocus and auto-iris

Day and night

Automatically removable infrared-cut filter

Minimum illumination

B/W: 0.01 lx at 30 IRE F1.4

Shutter time

1/66500 s to 2 s

Pan/Tilt/Zoom

Pan: 360° endless, 0.1° - 350°/s Tilt: 180°, 0.1° - 350°/s Zoom: 32x optical, 12x digital, Total 384x zoom 256 preset positions, nadir flip, limited guard tour, control queue, on-screen directional indicator, set new pan 0°, focus window, focus recall

Video

Video compression H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG

Resolution

1920x1080 HDTV 1080p to 320x180

Frame rate

Up to 60/50 fps (60/50 Hz) in all resolutions

Video streaming

Multique, individually configurable streams in H.264, H.265 and Motion JPEG Controllable frame rate and bandwidth Axis Zipstream technology in H.264 and H.265 VBR/ABR/MBR H.264/H.265

Image settings

Compression, saturation, brightness, sharpness, contrast, local contrast, white balance, exposure control, exposure zones, Forensic WDR: Up to 120 dB depending on scene, defogging, day/night shift level, tone mapping, fine tuning of low-light behavior, rotation: 0°, 180°, text and image overlay, image freeze on PTZ, electronic image stabilization, scene profiles, 20 individual polygon privacy masks

Audio

Audio streaming Two-way, full duplex

Audio encoding 24bit LPCM, AAC-LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate

Audio input/output

External microphone input or line input, line output (Requires Axis 10-pin Push-pull System Connector or Axis Multicable C/I/O Audio power 1 m/5 m, not included), automatic gain control

Network

Security

Password protection, IP address filtering, HTTPS² encryption, IEEE 802.1X (EAP-TLS²) network access control, digest authentication, user access log, centralized certificate management, brute force delay protection, signed firmware, secure boot

Supported protocols

IPv4, IPv6, USGv6, HTTP, HTTP/2, HTTPS², SSL/TLS², QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP², SNMP v1/v2c/v3 (MIB-II), DNS, DoDDNS, NTP, RTSP, RTP, RTSP, TC, UDP, IGMP, RTCP, ICMP, DHCPv4/v6, ARP, SOCK, SSH, NTCP, LLDP, CDP, MQTT, Syslog

System integration

Application Programming Interface Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at axis.com AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF Profile G and ONVIF Profile S specification at onvif.org

Analytics

Included AXIS Video Motion Detection, audio detection, advanced gatekeeper

Supported

Support for AXIS Camera Application Platform enabling installation of third-party applications, see axis.com/ocap

Event conditions

Audio: Audio detection Device status: Above operating temperature, Above or below operating temperature, Below operating temperature, Fan failure, IP address removed, Network lost, New IP address, Shock detected, Storage failure, System ready, Within operating temperature, Edge storage, Recording ongoing, Storage disruption I/O: Digital input, Manual trigger, Virtual input PTZ: PTZ malfunctioning, PTZ movement: Camera 1, PTZ preset position reached: Camera 1, PTZ ready Scheduled and recurring: Scheduled event Video: Day-night mode, Live stream open

Event actions

Play audio clips, day-night mode, go to preset position, guard tour, I/O upload of images or video clips via FTP, SFTP, HTTP, HTTPS, network share and email, notification to email, HTTP, HTTPS, TCP and SNMP trap, overlay text, prioritized text, record video to SD card and network share, WDR mode

Data streaming

Event data

Built-in installation aids

Pixel counter

General

Casing

IP66-, NEMA 4X- and IK10 Aluminum casing, polycarbonate (PC) dome Color: white NCS S 1002–B, repaintable skin cover For repainting instructions of casing and impact on warranty, contact your Axis partner.

Sustainability

PVC free

Memory

1024 MB RAM, 512 MB Flash

Power

Axis PoE midspan 1–port: 100–240 V AC, max 37 W IEEE 802.3at, Type 2 Class 4 Camera consumption: typical 10.5 W, max 19 W Multiconnector: 20–28 V DC, typical 10 W, max 18 W 20–24 V AC, typical 15.5 V A, max 26 V A (PoE midspan or power supply not included)

Connectors

RJ45 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 power 1 m/5 m, not included)

Storage

Support for SD/SDHC/SDXC card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com

Operating conditions

-30 °C to + 50 °C (-22 °F to 122 °F) Maximum intermittent temperature +55 °C Humidity 10–100% RH (condensing)

Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F) Humidity 5–95% RH (non-condensing)

Approvals


Network

NIST SP500-267, IPv6 USGv6

Dimensions

Height: 217 mm (8 9/16 in) 188 mm (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, AVHS Authentication key

Optional accessories

AXIS T918 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

Advertisements
For more accessories, see axis.com

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

Environmental responsibility: axis.com/environmental-responsibility