

# AXIS P5635-E Mk II PTZ Dome Network Camera

HDTV 1080p PTZ with 30x zoom and focus recall

AXIS P5635-E Mk II is a cost-effective, outdoor-ready HDTV 1080p camera with 30x optical zoom for high-definition video surveillance of large areas. It features continuous 360° pan for fast camera repositioning and continuous tracking of objects. The focus recall feature offers instant focus in predefined areas, while the day/night functionality and WDR provide great image quality even in complex light conditions. It offers shock detection, video motion detection, Advanced Gatekeeper and electronic image stabilization. Axis Zipstream technology significantly reduces bandwidth and storage requirements. It supports two-way audio, I/O ports, an SD card slot, PoE+ and 24 V AC/DC.

- > [Continuous 360° pan](#)
- > [Excellent light sensitivity](#)
- > [HDTV 1080p and 30x optical zoom](#)
- > [Focus recall](#)
- > [Axis Zipstream technology](#)



# AXIS P5635-E Mk II PTZ Dome Network Camera

<b>Models</b>	AXIS P5635-E Mk II 50 Hz AXIS P5635-E Mk II 60 Hz	PTZ: error, moving, preset reached, ready Storage: disruption, recording System: system ready Time: recurrence, use schedule
<b>Camera</b>		
<b>Image sensor</b>	Progressive scan CMOS 1/2.8"	
<b>Lens</b>	4.3–129 mm, F1.6–4.7 Horizontal field of view: 65.6°–2.0° Vertical field of view: 39.0°–1.2° Autofocus, auto-iris	
<b>Day and night</b>	Automatically removable infrared-cut filter	
<b>Minimum illumination</b>	Color: 0.2 lux at 30 IRE F1.6 B/W: 0.01 lux at 30 IRE F1.6 Color: 0.25 lux at 50 IRE F1.6 B/W: 0.02 lux at 50 IRE F1.6	
<b>Shutter time</b>	1/66500 to 2 s	
<b>Pan/Tilt/Zoom</b>	Pan: 360° endless, 0.1°/s–350°/s Tilt: 180°, 0.1°/s–350°/s 30x optical zoom and 12x digital zoom, total 360x zoom, 256 preset positions, e-flip, limited guard tour, control queue, on-screen directional indicator, set new pan 0°, focus window, speed zoom, focus recall	
<b>Video</b>		
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG	
<b>Resolution</b>	1920x1080 (HDTV 1080p) to 320x180	
<b>Frame rate</b>	Up to 25/30 fps (50/60 Hz) in 1080p Up to 50/60 fps (50/60 Hz) in 720p	
<b>Video streaming</b>	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth Axis Zipstream technology in H.264 VBR/MBR H.264	
<b>Image settings</b>	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control, Exposure zones, Automatic backlight compensation, Fine tuning of behavior at low light, 120 dB WDR - Forensic Capture, Manual shutter time, Text and image overlay, 20 individual 3D privacy masks, Image freeze on PTZ Electronic Image Stabilization	
<b>Audio</b>		
<b>Audio streaming</b>	Two-way	
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bit rate	
<b>Audio input/output</b>	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)	
<b>Network</b>		
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized certificate management	
<b>Supported protocols</b>	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCIP, LLDP	
<b>System integration</b>		
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://www.axis.com">www.axis.com</a> AXIS Video Hosting System with One-Click Connection ONVIF Profile S and ONVIF Profile G, specification at <a href="http://www.onvif.org">www.onvif.org</a>	
<b>Analytics</b>	AXIS Video Motion Detection Audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://www.axis.com/acap">www.axis.com/acap</a>	
<b>Event triggers</b>	Detectors: live stream accessed, video motion detection, shock detection, day/night mode, audio detection Hardware: network, temperature Input Signal: manual trigger, virtual inputs, digital input signal	
<b>Event actions</b>	Record video: SD card and network share Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email Pre- and post-alarm video or image buffering for recording or upload Notification: email, HTTP, HTTPS, TCP and SNMP trap PTZ: PTZ preset, start/stop guard tour Overlay text, external output activation, play audio clip, day/night mode	
<b>Data streaming</b>	Event data	
<b>Built-in installation aids</b>	Pixel counter	
<b>General</b>		
<b>Casing</b>	IP66-, IK10- and NEMA 4X-rated Metal casing (aluminum), clear dome (PC), repaintable skin cover	
<b>Sustainability</b>	PVC free	
<b>Memory</b>	512 MB RAM, 256 MB Flash	
<b>Power</b>	Axis PoE+ midspan 1-port: 100–240 V AC IEEE 802.3at Type 2 Class 4 Camera consumption: typical 8 W, max 21 W <b>Multi-connector cable:</b> 20–28 V DC, typical 7 W, max 20 W 20–24 V AC, typical 12 VA, max 28 VA (PoE+ midspan or power supply not included)	
<b>Connectors</b>	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)	
<b>Storage</b>	Support for SDHC UHS-I/SDXC UHS-I card Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://www.axis.com">www.axis.com</a>	
<b>Operating conditions</b>	-30 °C to 55 °C (-22 °F to 131 °F) Humidity 10–100% RH (condensing)	
<b>Storage conditions</b>	-40 °C to 70 °C (-40 °F to 158 °F)	
<b>Approvals</b>	<b>EMC</b> EN 55022 Class B, EN 61000-6-1, EN 61000-6-2, EN 55024, EN 50121-4, IEC 62236-4, FCC Part 15 Subpart B Class A+B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR22 Class B, KCC KN22 Class B, KN35 EN 61000-3-2, EN 61000-3-3 <b>Safety</b> IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 <b>Environment</b> IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC/EN 62262 IK10, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, ISO 4892-2	
<b>Dimensions</b>	217 x 188 x 188 mm (8 9/16 x 7 3/8 x 7 3/8 in)	
<b>Weight</b>	2.5 kg (5.5 lb)	
<b>Included accessories</b>	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	
<b>Optional accessories</b>	AXIS T91B Mounts, AXIS T94A02L 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	
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on <a href="http://www.axis.com/vms">www.axis.com/vms</a>	
<b>Languages</b>	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](http://www.axis.com/warranty)

**Environmental responsibility:**  
[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)

- 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).*