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
### AXISP5635E MkII PTZ Dome Network Camera

| **Models** | AXIS P5635-E Mk II 50 Hz  
AXIS P5635-E Mk II 60 Hz |
<table>
<thead>
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<tr>
<td><strong>Camera</strong></td>
<td><strong>Image sensor</strong> Progressive scan CMOS 1/2.8”</td>
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</table>
| **Lens** | Horizontal field of view: 65.6°–2.0°  
Vertical field of view: 39.0°–1.2°  
Autofocus, auto-iris |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | 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  
*at Shutter Time 1/25 Sec |
| **Shutter time** | 1/66500 to 2 s |
| **Pan/Tilt/Zoom** | Pan: 360° endless, 0.2°/–350°/s  
Tilt: 180°, 0.2°/–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 |
| **Video** | **Video compression** H.264 (MPTEG-4 Part 10/AVC) Baseline, Main and High Proﬁles Motion JPEG  
**Resolutions** 1920x1080 (HD 1080p) to 320x180  
**Frame rate** Up to 25/30 fps (50/60 Hz) in 1080p  
Up to 50/60 fps (50/60 Hz) in 720p  
**Video streaming** 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 |
| **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 dB WDR – Forensic Capture, Manual shutter time,  
Text and image overlay, 20 individual 3D privacy masks, Image freeze on PTZ  
Electronic Image Stabilization |
| **Audio** | **Audio streaming** Two-way  
**Audio compression** AAC-LE B/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 Audio Power 1 m (5 ft, not included) |
| **Network** | **Security** Password protection, IP address ﬁltering, HTTPS encryption,  
IEEE 802.1X network access control, Digest authentication, User access log, Centralized certiﬁcate management |
| **Supported protocols** | IPv4/IPv6, HTTP, HTTPSE, SSL/TLS, QoS Layer 3 DiﬀServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UpnP PIN, SNMP v1/v2c/v3 (MIB–II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, NTCP |
| **System Integration** | **Application Programming Interface** Open API for software integration, including VAPID® and Axis Camera Application Platform, speciﬁcations at www.axis.com  
AXIS Video Hosting System with One-Click Connection ONVIF® Proﬁles S and G, speciﬁcations at www.onvif.org |
| **Analytics** | Video motion detection, Advanced Gatedeck  
Audio detection  
Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap |
| **Event triggers** | 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 PTZ: error, moving, preset reached, ready  
Storage: disruption, recording  
System: system ready  
Time: recurrence, use schedule |
| **Event actions** | Day/night mode, overlay text, video recording to edge storage,  
and post-alarm video buffering, send SNMP trap, WDR mode  
External output activation, play audio clip  
PTZ: PTZ preset, start/stop guard tour  
File upload via FTP, SFTP, HTTP, HTTPS and email  
Notification via email, HTTP, HTTPS and TCP |
| **Data Streaming** | Event data  
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** | **PoE+ midspan** 1–port: 100–240 V AC  
IEEE 802.3at Type 2 Class 4  
Camera consumption: typical 8 W, max 21 W  
Multi-connector cable: 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) |
| **Connectors** | RJ45 for 10BASE-T/100BASE-TX PoE  
RJ45 Push-pull Connector (IP66) included  
/I connector for DC or AC input, 4 conﬁgurable alarm  
inputs/outputs, mic inline in, line out (Axis 10-pin Push-pull System Connector or Axis Multicable C/I Audio Power1 m5 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 55 °C (-22 °F to 131 °F)  
Humidity 10–100% RH (condensing)  
**Storage conditions** -40 °C to 70 °C (-40 °F to 158 °F) |
| **Approvals** | EMC  
EN 55022 Class A, 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  
**Safety**  
IEC/EN/UL 60950-1, IEC/EN/UL 60950-22  
**Environment**  
IEC/EN 60529 IP66, NEMA 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 |
| **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, AVHS Authentication key |
| **Optional accessories** | AXIS T91B Mounts, AXIS T94A02L Recessed Mount, Outdoor Smoked dome, Axis 10-pin Push-pull System Connector, Album Multicable C/I Audio Power 1 m5 m |
| **Video management software** | Axis 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 |
Lund, 14th December 2018

The Minimum Illumination Test report.

In Axis Communications, we believe in a close cooperation with system integrators and provide a full range of sales, marketing and technical support from our corporate headquarters in Sweden.

In regards to the level of minimum illumination needed to obtain images as according to Axis’ standard of image quality, we provide the following information for The Minimum Illumination Test report camera models: AXIS P5635-E Mk II PTZ Network Camera

Test Environment and Result.

<table>
<thead>
<tr>
<th>Room Dimension</th>
<th>4m x 5m x 2.8m</th>
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<tbody>
<tr>
<td>Object Distance</td>
<td>150 cm</td>
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<tr>
<td>Room illumination</td>
<td>Color mode : 0.1 Lux</td>
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<tr>
<td>Shutter time</td>
<td>1/25 Sec</td>
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About Axis’ measurement of minimum illumination

Axis measures the minimum amount of illumination required by Axis network video products to produce images of a specified quality. The MMI (Measurement of Minimum Illumination) method described in our whitepaper applies solely to camera blocks developed by Axis Communications AB. The Axis MMI method is based on the CEA-639 standard, “Consumer Camcorder or Video Camera Low Light Performance.” For detailed information, see the AXIS whitepaper on the MMI method.

Best Regards

[Signature]

Peter Friberg
Director Solution Management
Axis Communications AB

References: