AXIS P5624-E Mk II PTZ Dome Network Camera
HDTV 720p PTZ with 23x zoom and focus recall

AXIS P5624-E Mk II is a cost-effective, outdoor-ready HDTV 720p camera with 23x optical zoom. It is ideal for video surveillance of large indoor and outdoor 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. Axis Zipstream technology significantly reduces bandwidth and storage requirements. AXIS P5624-E Mk II also offers shock detection and Advanced Gatekeeper.

> Continuous 360° pan
> Excellent light sensitivity
> HDTV 720p and 23x optical zoom
> Focus recall
> Axis Zipstream technology
AXIS P5624-E Mk II PTZ Dome Network Camera

Models
AXIS P5624-E Mk II 50 Hz
AXIS P5624-E Mk II 60 Hz

Camera
Image sensor
Progressive scan CMOS 1/2.8"

Lens
4.3–98.9 mm, F1.6-4.4
Horizontal field of view: 57.9°–2.9°
Vertical field of view: 33.9°–1.6°
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

Shutter time
1/45500 to 2 s

Pan/Tilt/Zoom
Pan: 360° endless, 0.1°/s–30°/s
Tilt: 180°, 0.1°/s–30°/s
23x optical zoom and 12x digital zoom, total 276x zoom, 256 preset positions, limited guard tour, control queue, on-screen directional indicator, set new pan 0°, focus window, speed zoom, focus recall

Video
Video compression
H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles
Motion JPEG
Resolution
1280x720 (HDTV 720) to 320x180
Frame rate
Up to 50/60 fps (50/60 Hz) in all resolutions

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

Network
Security
Password protection, IP address filtering, HTTPS® encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized certificate management, brute force delay protection

Supported protocols
IPv4, IPv6, USGv6, HTTP, HTTPS®, SSL/TLS®, GSS Layer 3 DiffServ, FTP, SFTP, CIFS/ SMB, SMTP, Bonjour, UDP/PM, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, HTTP, RTSP, RTP, RTSP, TCP, UDP, IGMP, HTTP, ICMP, DHCP, ARP, Socks, SSH, SNMP, LLDP

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

Analytics
Included
AXIS Video Motion Detection
Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/ocap

Event triggers
Detectors: live stream accessed, video motion detection, shock detection, day/night mode
Hardware: network, temperature
Input Signal: manual trigger, virtual inputs
PTZ: error, moving, preset reached, ready
Storage: disruption, recording
System: system ready
Time: recurrence, use schedule

Event actions
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, day/night mode

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
Axis PoE midspan 1–port: 100–240 V AC
IEEE 802.3at Type 2 Class 4
Camera consumption: typical 8 W, max 20 W
(PoE+ midspan not included)

Connectors
RJ45 for 10BASE-T/100BASE-TX PoE
RJ45 Push-pull Connector (IP66) included

Storage
Support for SDHC UHS-/UHS-I card
Support for SD card encryption
Support for recording to 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 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, KN5

Safety
IEC/EN/UL 60950-1, IEC/EN/UL 60950-22

Environment
IEC 60068-2-30, IEC 60068-2-60
NetworkIST SP500-267

Dimensions
217 x 188 x 188 mm (8.59/1.6 x 7.38 x 7.38 in)

Weight
2.5 kg (5.5 lb)

Included accessories
RJ45 Push-pull Connector (IP66), Hard ceiling mount, Spring pipe adapter, Up-profile pipe adapter, Installation Guide, Windows decoder 1-user license, AXIS Authentication key

Optional accessories
AXIS T9118 Mounts, AXIS T94A02L Recessed Mount, Outdoor RJ45 cable with premounted connector, AXIS T8133 Midspan 30 W 1-port, Repaintable skin covers

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

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:
axis.com/environmental-responsibility

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