AXIS P5624-E PTZ Dome Network Camera
Continuous 360° pan in HDTV 720p

AXIS P5624-E is a cost-effective, outdoor-ready HDTV 720p camera with 18x optical zoom. It enables video surveillance of large indoor and outdoor areas and provides great details when zooming in. It features a continuous 360° pan capability, with no mechanical stop, for fast camera repositioning and continuous tracking of an object. AXIS P5624-E has day/night functionality and good low light performance. Wide Dynamic Range - Forensic Capture enables details in bright and dark areas of a scene to be visible. AXIS P5624-E offers shock detection and Advanced Gatekeeper, which automatically moves the camera to a preset position when motion is detected in a pre-defined area.

> Continuous 360° pan
> HDTV 720p & 18x optical zoom
> Day/night functionality
> 120 dB Wide Dynamic Range - Forensic Capture
> Axis Zipstream technology
AXIS P5624-E PTZ Dome Network Camera

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

Camera
Image sensor
Progressive scan CMOS 1/2.8"

Lens
4.7–84.6 mm, F1.6–2.8
Horizontal field of view: 59°–4°
Vertical field of view: 35°–2°
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
Color: 0.4 lux at 50 IRE F1.6
B/W: 0.02 lux at 50 IRE F1.6

Shutter time
1/28000 s to 2 s

Pan/Tilt/Zoom
Pan: 360° endless, 0.2°/s–350°/s
Tilt: 180°, 0.2°/s–350°/s
18x Optical zoom and 12x Digital zoom, Total 216x zoom
100 preset positions, 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
1280x720 (HDTV 720) 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
Controllable frame rate and bandwidth

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, 1/2.8 B WDR – Forensic Capture, Manual shutter time,
Text and image overlay, 2D 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

Supported protocols
IPv4/6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, SFTP,
CIFS/SMB, SMTP, Bonjour, UPnP, SNMP v1/v2c/v3 (MI/B-II),
DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP,
DHCP, ARP, SOCKS, SSH, NTP/C

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, specification at www.onvif.org

Analytics
Video motion detection, Advanced Gatekeeper
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
Day/night mode, overlay text, video recording to edge storage,
pre- and post-alarm video buffering, send SNMP trap, WDR mode
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
AXIS PoE+ midspan 1-port:
100–240 V AC
IEEE 802.3at Type 2 Class 4
Camera consumption: typical 9 W, max 15 W
(PoE+ midspan not included)

Connectors
RJ45 for 10BASE-T1/100BASE-TX PoE
RJ45 Push-pull Connector (IP66) 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
-20 °C to 50 °C (-4 °F to 122 °F)
Humidity 10–90% 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 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, IEC/EN/UL 60950-1,
IEC/EN/UL 60950-2-2, IEC/EN 60529 IP66, NEMA 250 Type 4X,
IEC/EN 62262 1K10, IEC 60068-2-1, IEC 60068-2-2,
IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-30, IEC 60068-2-60

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, AXIS Authentication key
Smoked Dome

Optional accessories
AXIS T918 Mounts, AXIS T9402L Recessed Mount, Outdoor
RJ45 cable with premounted connector, AXIS T8113 Midspan
30 W 1-port, Repaintable skin covers

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