AXIS P1364-E
Outdoor-ready HDTV 720p surveillance even in extreme low-light

AXIS P1364-E delivers HDTV 720p video at 50/60 frames per second with reduced noise and motion blur in demanding light conditions. Axis Zipstream technology greatly reduces bandwidth and storage requirements. Supporting WDR – Forensic Capture, video is highly optimized for forensic purposes and provides extreme levels of detail – even in very complex light conditions. Remote back focus optimizes installation efficiency and ensures image sharpness. AXIS P1364-E is IP66, IP67, NEMA 4X and IK10-rated. It includes a wall mount bracket and a sunshield. Arctic temperature control ensures startup and operation in temperatures ranging from −40 °C to 50°C (−40 °F to 122 °F).

> **Lightfinder and WDR – Forensic Capture**

> **HDTV 720p at 50/60 fps**

> **Axis Zipstream technology**

> **Two-way audio**

> **Arctic temperature control**

Camera

Image sensor	1/3" progressive scan RGB CMOS
Lens	IR corrected, CS-mount lens, P-Iris Varifocal 2.8–8.5 mm, F1.2 Horizontal field of view: 83°–33.3° Vertical field of view: 61°–24.7°
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.1 lux, at 50 IRE **B/W:** 0.01 lux, at 50 IRE F1.2 **HDTV 720p 50/60 fps:** Color 0.2 lux, at 50 IRE **B/W:** 0.02 lux, at 50 IRE F1.2
Shutter time	1/28000 s to 2 s with 50 Hz 1/33500 s to 2 s with 60 Hz

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles Motion JPEG
Resolution	**HDTV 720p 25/30 fps (WDR):** 1280x960 to 160x90 **HDTV 720p 50/60 fps (no WDR):** 1280x960 to 160x90
Frame rate	Up to 50/60 fps (50/60 Hz)
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Axis Zipstream technology in H.264 Controllable frame rate and bandwidth VBR/MBR H.264
Multi-view streaming	Up to 8 individually cropped out view areas
Image settings	Compression, Color, Brightness, Sharpness, Contrast, Local contrast, White balance, Exposure control, Exposure zones, WDR - forensic capture: Up to 120 dB depending on scene, fine tuning of behavior at low light, Rotation: 0°, 90°, 180°, 270°, Text and image overlay, Privacy mask, Mirroring of images
Pan/Tilt/Zoom	Digital PTZ Uploadable PTZ driver (Pelco D pre-installed)

Audio

Audio streaming	Two-way, full duplex
Audio compression	24bit LPCM, AAC LC 8/16/32/48 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

Network

Security	Password protection, IP address filtering, HTTPS[b] encryption, IEEE 802.1X[b] network access control, Digest authentication, User access log Brute force delay protection
Supported protocols	IPv4, IPv6 USGv6, HTTP, HTTPS[b], SSL/TLS[b], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SRTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

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, ONVIF® Profile S and ONVIF® Profile T, specification at *onvif.org*
Analytics	**Included** AXIS Video Motion Detection, active tampering alarm, audio detection Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*
Event triggers	Analytics, edge storage events, external input, audio level, time scheduled
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, external output activation, play audio clip, day/night mode

Data streaming	Event data
Built-in installation aids	Focus assistant, pixel counter, remote back focus

General

Casing	IP66-, IP67- and NEMA 4X-rated, IK10 impact-resistant polymer enclosure Color: White NCS S 1002-B
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 12.95 W, typical 5.0 W
Connectors	RJ45 10BASE-T/100BASE-TX PoE I/O: 4-pin 2.5 mm terminal block for two configurable inputs/outputs RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block 3.5 mm mic/line in, 3.5 mm line out P-Iris connector (compatible with DC-iris)
Storage	Support for microSD/microSDHC/microSDXC 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	-40 °C to 50 °C (-40 °F to 122 °F) Humidity 10-100% RH (condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	**EMC** EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A, KCC KN32 Class A, KN35 **Safety** IEC/EN/UL 60950-1, IEC/EN/UL 60950-22 **Environment** EN 50121-4/IEC 62236, IEC/EN 60529 IP66, NEMA 250 Type 4X, IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78, IEC/EN 62262 IK10, IEC/EN 60529 IP67 **Network** NIST SP500–267
Dimensions	431 x 159 x 136 mm (17 x 6.2 x 5.3 in)
Weight	1.8 kg (4.0 lb)
Included accessories	Installation Guide, Windows decoder 1-user license, wall mount bracket, sunshield, connector kit Intrusion alarm switch
Optional accessories	Axis mounts, Axis lenses, Axis midspans AXIS Corridor Format Bracket A For more accessories, see *axis.com*
Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *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 *axis.com/warranty*

a. *For AXIS Corridor Format see Optional Accessories*
b. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

AXIS®
COMMUNICATIONS