# AXIS P1364 Network Camera

## HDTV 720p surveillance even in extreme low-light

AXIS P1364 delivers HDTV 720p video at 50/60 frames per second with reduced noise and motion blur in demanding light conditions. The camera offers a varifocal F1.2, 2.8–8.5 mm, P-Iris, IR-corrected and CS-mount lens. 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. Furthermore, AXIS P1364 includes the ability to seamlessly transition between WDR and Lightfinder modes. Remote back focus optimizes installation efficiency and ensures image sharpness. AXIS P1364 is delivered with AXIS T91B21 Stand, providing discreet cable management.

> **Lightfinder and WDR – Forensic Capture**

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

> **Axis Zipstream technology**

> **Two-way audio**

> **Remote back focus**

# AXIS P1364 Network Camera

## Camera

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|---|---|
| **Image sensor** | 1/3" progressive scan RGB CMOS |
| **Lens** | IR corrected, CS-mount lens, P-Iris<br>Varifocal 2.8–8.5 mm, F1.2<br>Horizontal field of view: 92.3°–33.3°<br>Vertical field of view: 67.9°–24.7° |
| **Day and night** | Automatically removable infrared-cut filter |
| **Minimum illumination** | **Color:** 0.1 lux, at 50 IRE<br>**B/W:** 0.01 lux, at 50 IRE F1.2<br>**HDTV 720p 50/60 fps:** Color 0.2 lux, at 50 IRE<br>**B/W:** 0.02 lux, at 50 IRE F1.2 |
| **Shutter speed** | 1/28000 s to 2 s with 50 Hz<br>1/33500 s to 2 s with 60 Hz |

## Video

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| **Video compression** | H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles<br>Motion JPEG |
| **Resolution** | **HDTV 720p 25/30 fps (WDR):** 1280x960 to 160x90<br>**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<br>Axis Zipstream technology in H.264<br>Controllable frame rate and bandwidth<br>VBR/ABR/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, Forensic WDR: Up to 120 dB depending on scene, fine tuning of behavior at low light, rotation: 0°, 90°, 180°, 270° including Corridor Format, dynamic text and image overlay, privacy masks, mirroring of images |
| **Pan/Tilt/Zoom** | Digital PTZ<br>Uploadable PTZ driver (Pelco D pre-installed) |

## Audio

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| **Audio streaming** | Two-way, full duplex |
| **Audio encoding** | 24bit LPCM, AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz<br>Configurable bit rate |
| **Audio input/output** | External microphone input or line input, line output, built-in microphone (can be disabled) |

## Network

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| **Security** | Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X (EAP-TLS)[a] network access control, Digest authentication, user access log, signed firmware<br>Brute force delay protection |
| **Supported protocols** | IPv4, IPv6 USGv6, HTTP, HTTPS[a], HTTP/2, SSL/TLS[a], 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, DHCPv4/v6, ARP, SOCKS, SSH, LLDP, MQTT v3.1.1, Syslog |

## System integration

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| **Application Programming Interface** | Open API for software integration, including VAPIX® and AXIS Camera Application Platform, specifications at *axis.com*<br>AXIS Video Hosting System (AVHS) with One-Click Connection<br>ONVIF® Profile G, ONVIF® Profile S, and ONVIF® Profile T, specification at *onvif.org* |
| **Analytics** | **Included**<br>AXIS Video Motion Detection, active tampering alarm, audio detection<br>**Supported**<br>AXIS Digital Autotracking, AXIS Perimeter Defender, AXIS Guard Suite including AXIS Motion Guard, AXIS Fence Guard, and AXIS Loitering Guard<br>Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap* |

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| **Event triggers** | Analytics, edge storage events, external input, audio level, time scheduled |
| **Event actions** | Record video: SD card and network share<br>Upload of images or video clips: FTP, SFTP, HTTP, HTTPS, network share and email<br>Pre- and post-alarm video or image buffering for recording or upload<br>Notification: email, HTTP, HTTPS, TCP and SNMP trap<br>PTZ: PTZ preset, start/stop guard tour<br>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

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|---|---|
| **Casing** | Metal (zinc)<br>Color: White NCS S 1002-B |
| **Mounting** | ¼"-20 tripod screw thread<br>Camera stand included |
| **Memory** | 512 MB RAM, 256 MB Flash |
| **Power** | 8–28 V DC, max 7.4 W, typical 4.1 W<br>Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3, max 7.6 W, typical 4.3 W |
| **Connectors** | RJ45 10BASE-T/100BASE-TX PoE<br>I/O: 4-pin 2.5 mm terminal block for two configurable inputs/outputs<br>RS485/RS422, 2 pcs, 2 pos, full duplex, terminal block<br>DC input, terminal block, 3.5 mm mic/line in, 3.5 mm line out<br>P-Iris connector (compatible with DC-iris) |
| **Storage** | Support for microSD/microSDHC/microSDXC card<br>Support for SD card encryption (AES-XTS-Plain64 256bit)<br>Support for recording to network-attached storage (NAS)<br>For SD card and NAS recommendations see *axis.com* |
| **Operating conditions** | 0 °C to 55 °C (32 °F to 131 °F)<br>Humidity 10-85% RH (non-condensing) |
| **Storage conditions** | -40 °C to 65 °C (-40 °F to 149 °F)<br>Humidity 5-95% RH (non-condensing) |
| **Approvals** | **EMC**<br>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 KN22 Class A, KN24<br>**Safety**<br>IEC/EN/UL 60950-1, IS 13252<br>**Network**<br>NIST SP500–267 |
| **Dimensions** | 205 x 78 x 46 mm (8.1 x 3.1 x 1.8 in) |
| **Weight** | 630 g (1.4 lb) |
| **Included accessories** | Connector kit, Installation Guide, Windows® decoder 1-user license, stand |
| **Optional accessories** | Axis mounts, Axis lenses, Axis midspans, Axis microphones<br>AXIS T92G20 Outdoor Housing<br>For more accessories, see *axis.com* |
| **Video management software** | AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at *axis.com/vms* |
| **Languages** | English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Polish |
| **Warranty** | Axis 3-year warranty and AXIS Extended Warranty option, see *axis.com/warranty* |

a. *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).*

Environmental responsibility:

*axis.com/environmental-responsibility*

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