

# AXIS P5514 PTZ Network Camera

Cost-effective, indoor PTZ camera

AXIS P5514 is a compact pan/tilt/zoom camera that enables users to pan 360° for overview surveillance and zoom 12x with autofocus for detailed views. It provides HDTV resolution up to 720p at 50/60 fps frame rate. Day/night functionality ensures maintained image quality even in low light conditions. With an optional multi-connector cable, AXIS P5514 supports two-way audio, audio detection, I/O ports for external devices, and AC/DC power. The camera ensures protection against dust and dripping water, allowing it to operate even when a sprinkler system is activated. The SD/SDHC slot enables local video storage.

- > [12x optical zoom](#)
- > [360° pan with Auto-flip](#)
- > [Zipstream](#)
- > [Protection against dust and water](#)
- > [Easy installation including PoE](#)



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Camera	
<b>Image sensor</b>	1/2.3" progressive scan CMOS
<b>Lens</b>	3.8–42.9 mm, F1.4–2.1 Horizontal field of view: 59.2°–5.2° Vertical field of view: 33.3°–3.1° Autofocus, Auto-iris
<b>Day and night</b>	Automatically removable infrared-cut filter
<b>Minimum illumination</b>	<b>Color:</b> 0.7 lux at 30 IRE F1.4 <b>B/W:</b> 0.08 lux at 30 IRE F1.4
<b>Shutter time</b>	1/8000 s to 1/30 s at 60 Hz 1/8000 s to 1/25 s at 50 Hz
<b>Pan/Tilt/Zoom</b>	Pan: 360° (with auto-flip), 1.8°–100°/s Tilt: 180°, 1.8°–100°/s 12x optical zoom, 10x digital zoom, total 120x zoom E-flip, Auto-flip, 100 preset positions, Limited guard tour, Control queue
Video	
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) – Baseline, Main and High Profiles Motion JPEG
<b>Resolution</b>	1280x720 to 320x180
<b>Frame rate</b>	Up to 60/50 fps in all resolutions
<b>Video streaming</b>	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
<b>Image settings</b>	Compression, Brightness, Sharpness, White balance, Exposure control, Backlight compensation, WDR – Dynamic Contrast, Fine tuning of behavior at low light, Rotation, Text and image overlay, Image freeze on PTZ
Audio	
<b>Audio streaming</b>	Two-way, full duplex
<b>Audio compression</b>	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
<b>Audio input/output</b>	Requires multi-connector cable (sold separately) for external microphone or line input, and line output
Network	
<b>Security</b>	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, Digest authentication, User access log, Centralized Certificate Management, brute force delay protection
<b>Supported protocols</b>	IPv4, IPv6, USGv6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTP, ICMP, DHCP, ARP, SOCKS, SSH
System integration	
<b>Application Programming Interface</b>	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Video Hosting System (AVHS) with One-Click Connection ONVIF <sup>®</sup> Profile S and ONVIF <sup>®</sup> Profile G, specification at <a href="http://onvif.org">onvif.org</a>
<b>Analytics</b>	<b>Included</b> AXIS Video Motion Detection, audio detection, advanced gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
<b>Event triggers</b>	<b>Detectors:</b> Live stream accessed, Video motion detection, Audio detection <b>Hardware:</b> Fan, Network, Temperature <b>Input Signal:</b> Digital Input Port, Manual trigger, Virtual inputs <b>PTZ:</b> Error, Moving, Preset reached, Ready <b>Storage:</b> Disruption, Recording <b>System:</b> System ready
<b>Event actions</b>	Time: Recurrence, Use schedule Day/night mode, overlay text, video recording to edge storage, pre- and post-alarm video buffering, send SNMP trap PTZ: PTZ preset, start/stop guard tour File upload via FTP, SFTP, HTTP, HTTPS network share and email Notification via email, HTTP, HTTPS and TCP External output activation, play audio clip
<b>Data streaming</b>	Event data
<b>Built-in installation aids</b>	Pixel counter
General	
<b>Casing</b>	IP51-rated Aluminum and plastic casing, polycarbonate (PC) dome
<b>Memory</b>	512 MB RAM, 256 MB Flash
<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Camera consumption: typical 6.3 W, max 12.95 W <b>Multi-connector cable:</b> 20–24 V AC, typical 11 VA, max 22 VA 20–28 V DC, typical 6 W, max 13.5 W (PoE midspan and power supply not included)
<b>Connectors</b>	RJ45 10BASE-T/100BASE-TX PoE Multi-connector (cable not included) for AC/DC power, 4 configurable alarm inputs/outputs, mic in, line mono input, line mono output to active speaker
<b>Storage</b>	Support for SD/SDHC/SDXC card (not included) Support for SD card encryption Support for recording to network-attached storage (NAS) For SD card and NAS recommendations see <a href="http://axis.com">axis.com</a>
<b>Operating conditions</b>	0 °C to 50 °C (32 °F to 122 °F) Humidity 15–85% RH (non-condensing)
<b>Storage conditions</b>	–40 °C to 65 °C (–40 °F to 149 °F)
<b>Approvals</b>	<b>EMC</b> 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, RCM AS/NZS CISPR 22 Class A, KCC KN22 Class A, KN24 <b>Safety</b> IEC/EN/UL 60950-1 <b>Environment</b> IEC 60068-2, IEC 60721-4-3 Class 3K3, 3M3 +B38 <b>Network</b> NIST SP500-267
<b>Weight</b>	1.1 kg (2.4 lb)
<b>Included accessories</b>	Smoked dome cover, Mounting kit for hard and drop ceilings Installation Guide, Windows decoder 1-user license
<b>Optional accessories</b>	T91 Mounting Accessories, AXIS T94A03L Recessed Mount Kit Multi-connector cable for AC/DC power, I/Os and audio
<b>Video management software</b>	AXIS Companion, AXIS Camera Station, video management software from Axis Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>

a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ([www.openssl.org](http://www.openssl.org)), and cryptographic software written by Eric Young ([ey@cryptsoft.com](mailto:ey@cryptsoft.com)).

**Environmental responsibility:**

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)