AXIS
COMMUNICATIONS

AXIS P5515 PTZ Dome Network Camera

Cost-effective indoor HDTV PTZ dome with 12x zoom

The easy-to-install AXIS P5515 is a compact, affordably priced pan/tilt/zoom camera suitable for surveillance of areas such as stores, banks, hotels, warehouses and business premises. AXIS P5515 enables users to pan 360° for overview surveillance and zoom 12x with autofocus for detailed views. HDTV 1080p and day/night ensures image quality is maintained even in low light conditions. The camera provides up to 1080p (1920x1080) resolution at 25/30 fps frame rate, and offers H.264 and Motion JPEG streams. When an optional multi-connector cable is used, AXIS P5515 supports two-way audio, audio detection, I/O ports for external devices and AC/DC power. The camera is IP51 rated, which ensures protection against dust and dripping water, and allows it to operate even when a sprinkler system is activated. The SD/SDHC slot enables recordings to be stored locally.

> **360° pan with Auto-flip**

> **12x optical zoom**

> **HDTV 1080p resolution**

> **IP-rated protection against dust and water**

> **Easy installation including Power over Ethernet (IEEE 802.3af)**

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HDTV
NETWORK VIDEO

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Camera

Models	AXIS P5515: Indoor
Image sensor	1/2.3" progressive scan CMOS
Lens	3.8–42.9 mm, F1.4–2.1 Horizontal angle of view: 59.2°–5.2° Autofocus, Auto-iris
Day and night	Automatically removable infrared-cut filter
Minimum illumination	**Color:** 0.7 lux at 30 IRE F1.4 **B/W:** 0.08 lux at 30 IRE F1.4
Shutter time	1/8000 s to 1/30 s at 60 Hz 1/8000 s to 1/25 s at 50 Hz

Video

Video compression	H.264 (MPEG-4 Part 10/AVC) - Baseline, Main and High Profiles Motion JPEG
Resolutions	1920x1080 to 320x180
Frame rate	H.264/Motion JPEG: Up to 30/25 fps in all resolutions
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG Controllable frame rate and bandwidth VBR/MBR H.264
Image settings	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
Pan/Tilt/Zoom	E-flip, Auto-flip, 100 preset positions Pan: 360° (with auto-flip), 1.8°–100°/s Tilt: 180°, 1.8°–100°/s 12x optical zoom, 10x digital zoom, total 120x zoom Limited guard tour, Control queue

Audio

Audio streaming	Two-way, full duplex
Audio compression	AAC-LC 8/16 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz Configurable bit rate
Audio input/output	Requires multi-connector cable (sold separately) for external microphone or line input, and line output

Network

Security	Password protection, IP address filtering, HTTPS[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH

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 (AVHS) with One-Click Connection ONVIF Profile S, specification at *www.onvif.org*
Analytics	Audio detection Video motion detection, Advanced Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see *www.axis.com/acap*
Event triggers	Detectors: Live stream accessed, Video motion detection, Audio detection Hardware: Fan, Network, Temperature Input Signal: Digital Input Port, Manual trigger, Virtual inputs PTZ: Error, Moving, Preset reached, Ready Storage: Disruption, Recording

	System: System ready Time: Recurrence, Use schedule
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email Notification: email, HTTP, HTTPS, and TCP External output activation, Play audio clip Video recording to edge storage Pre- and post-alarm video buffering PTZ preset, Guard tour, Overlay text, Send SNMP trap Day/Night Vision Mode
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	IP51-rated Aluminum and plastic casing, polycarbonate (PC) dome PVC free
Memory	512 MB RAM, 256 MB Flash
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Camera consumption: typical 6.3 W, max 12.95 W **Multi-connector cable:** 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)
Connectors	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
Storage	Support for SD/SDHC/SDXC card (not included) Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see *www.axis.com*
Operating conditions	0 °C to 50 °C (32 °F to 122 °F) Humidity 15-85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EN 55022 Class A, EN 61000-3-2, EN 61000-3-3, EN 55024, EN 61000-6-1, 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, IEC/EN/UL 60950-1, IEC 60068-2, IEC 60721-4-3 Class 3K3, 3M3 +B38 EN 61000-6-2
Weight	1.1 kg (2.4 lb)
Included accessories	Connector kit, Installation Guide, Windows decoder 1-user license Smoked dome cover, Mounting kit for hard and drop ceilings
Optional accessories	T91B Mounts, AXIS T94A03L Recessed Mount Kit Multi-connector cable for AC/DC power, I/Os and audio
Video management software	AXIS Camera Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on *www.axis.com/techsup/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

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