

AXIS P5515-E PTZ Dome Network Camera

Cost-effective, outdoor-ready PTZ dome camera

AXIS P5515-E 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 1080p at 25/30 fps frame rate. Day/night functionality ensures maintained image quality even in low light conditions. The camera ensures protection against dust, rain, snow, ice, and corrosion. It can operate in temperatures from -20 °C to 50 °C (-4 °F to 122 °F). The SD/SDHC slot enables local video storage.

- > 12x optical zoom
- > 360° pan with Auto-flip
- > Axis' Zipstream technology
- > Protection against dust, rain, and snow
- > Easy installation including Power over Ethernet



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Camera		Event actions	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
Image sensor	1/2.3" progressive scan CMOS	Data streaming	Event data
Lens	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	Built-in installation aids	Pixel counter
Day and night	Automatically removable infrared-cut filter	General	
Minimum illumination	Color: 0.7 lux at 30 IRE F1.4 B/W: 0.08 lux at 30 IRE F1.4	Casing	IP66-, NEMA 4X- and IK07-rated Aluminum and plastic casing, polycarbonate (PC) dome, sunshield (PC/ASA)
Shutter time	1/8000 s to 1/30 s at 60 Hz 1/8000 s to 1/25 s at 50 Hz	Memory	512 MB RAM, 256 MB Flash
Pan/Tilt/Zoom	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	Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 3 Camera consumption: typical: 6.9 W, max 12.95 W (PoE midspan and power supply not included)
Video		Connectors	RJ45 10BASE-T/100BASE-TX PoE IP66-rated RJ45 connector kit included
Video compression	H.264 (MPEG-4 Part 10/AVC) – Baseline, Main and High Profiles Motion JPEG	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
Resolutions	1920x1080 to 320x180	Operating conditions	–20 °C to 50 °C (–4 °F to 122 °F) Humidity 10–100% RH (condensing)
Frame rate	Up to 30/25 fps in all resolutions	Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
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	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, RCM 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 IEC/EN/UL 60950-22
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	Weight	1.3 kg (2.9 lb) Drop-ceiling mount (Plenum rated): 1.2 kg (2.6 lb)
Network		Included accessories	Sunshield, RJ45 Push-pull Connector (IP66) Installation Guide, Windows decoder 1-user license
Security	Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, Digest authentication, User access log, Centralized Certificate Management	Optional accessories	T91 Mounting Accessories, AXIS T94A03L Recessed Mount Kit
Supported protocols	IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP TM , SNMP v1/v2c/v3(MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH	Video management software	AXIS Companion, AXIS Camera Station, Video management software from Axis' Application Development Partners available on www.axis.com/techsup/software
System integration		Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
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 G, specification at www.onvif.org	Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Analytics	Video motion detection, Advanced Gatekeeper Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap	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 (ey@cryptsoft.com).	
Event triggers	Detectors: Live stream accessed, Video motion 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	Environmental responsibility: www.axis.com/environmental-responsibility	