

AXIS V5925 PTZ Camera

Broadcast-quality HDTV 1080p PTZ camera

AXIS V5925 combines excellent image quality with smooth PTZ control and broadcast-quality audio for professional webcasting. It's compatible with VISCA joysticks and VISCA over IP, making it easy to integrate with your existing AV installations. Offering enhanced security features such as signed firmware and secure boot, it ensures the integrity and authenticity of the firmware. Furthermore, Axis Zipstream with H.264 and H.265 significantly reduces bandwidth and storage requirements without compromising image quality. NDI® compliant (license to be bought separately).

- > **HDTV 1080p at 60 fps and 30x zoom**
- > **High-quality audio with XLR inputs**
- > **VISCA and VISCA over IP support**
- > **Camstreamer 3-month trial included**
- > **3G-SDI and HDMI outputs**



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Camera		Output impedance: < 100 Ohm, short circuit proof Maximum output level: > 0.707 Vrms Bandwidth: 20 Hz - 20 kHz (±3 dB), may be limited by sample rate THD+N: < 0.03% @ 10 kOhm load Signal-to-Noise ratio: > 87 dB
Image sensor	Progressive scan RGB CMOS 1/2.8"	
Lens	4.4–132 mm, F1.4–4.6 Horizontal field of view: 62°–2.3° Vertical field of view: 37°–1.3° Autofocus, P-iris control	
Day and night	Automatically removable infrared-cut filter	
Minimum illumination	Color: 1.0 lux at 30 IRE F1.4 B/W: 0.03 lux at 30 IRE F1.4	SDI output Bandwidth: 20 Hz - 20 kHz (±3 dB) THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB
Shutter speed	1/10000 s to 1 s	
Pan/Tilt/Zoom	Pan: ±170°, 0.2–100°/s Tilt: –20° - 90°, 0.2–90°/s Zoom: 30x Optical, 12x Digital, Total 360x 256 presets positions, Control queue, On-screen directional indicator, Adjustable zoom speed, PTZ response profiles	HDMI output Bandwidth: 20 Hz - 20 kHz (±3 dB) THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB
System on chip (SoC)		Network
Model	ARTPEC-7	Network protocols IPv4/v6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS, TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SFTP, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, SIP, LLDP, CDP, MQTT, Secure syslog (RFC 3164/5424, UDP/TCP/TLS), Link-Local address (ZeroConf), HDMI, 3G-SDI, VISCA
Memory	1 GB RAM, 512 MB Flash	
Video		System integration
Video compression	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	Application Programming Interface Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <i>axis.com</i> One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, ONVIF® Profile T, specification at <i>onvif.org</i> Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
Resolution	1920x1080 HDTV 1080p to 160x90 HDMI/SDI Output: 1080p@50/60 fps (50/60 Hz)	
Frame rate	Up to 60/50 fps (60/50 Hz) in all resolutions	Event conditions Analytics, external input, edge storage events, virtual inputs through API Audio: audio detection Call: state, state change Device status: above operating temperature, above or below operating temperature, below operating temperature, fan failure, IP address removed, network lost, new IP address, storage failure, system ready, within operating temperature Edge storage: recording ongoing, storage disruption I/O: digital input, manual trigger, virtual input MQTT subscribe PTZ: PTZ malfunctioning, PTZ movement, PTZ preset position reached, PTZ ready Scheduled and recurring: scheduled event Video: average bitrate degradation, live stream open
Video streaming	Multiple, individually configurable streams in H.264, H.265 and Motion JPEG Axis Zipstream technology in H.264 and H.265 Controllable frame rate and bandwidth VBR/ABR/MBR H.264/H.265 HDMI HD-SDI: SMPTE 292 3G-SDI: SMPTE 424 ,SMPTE 425 (3G-SDI mapping supports Level A / Level B dual link mapping)	
Image settings	Saturation, brightness, sharpness, white balance, day/night threshold, exposure mode, exposure zones, defogging, rotation: 0°, 180°	Event actions MQTT publish 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 Overlay text, external output activation, play audio clip, zoom preset, day/night mode, make call
Audio		
Audio streaming	Two-way, stereo HD-SDI: SMPTE ST 299-1 3G-SDI: SMPTE ST 299-2	Data streaming Event data
Audio encoding	SDI: AES3 24 bit, 48 kHz HDMI: LPCM Network: AAC LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz, LPCM 48 kHz, Configurable bit rate	
XLR input	2 balanced inputs (left/right) Microphone phantom power 48 V Balanced external microphone Balanced line level Line input impedance: >10 kOhm Maximum input level: 4.4 Vrms Bandwidth: 20 Hz - 20 kHz (±3 dB), may be limited by sample rate THD+N: < 0.03% Signal-to-Noise ratio: > 85 dB @ 0 dB gain, > 78 dB @ 30 dB gain	Built-in installation aids Pixel counter, leveling guide
3.5 mm input	Microphone Power 5 V via 2.2 kOhm Unbalanced external microphone Unbalanced line Line input impedance: >10 kOhm Maximum input level: 2.2 Vrms Bandwidth: 20 Hz - 20 kHz (±3 dB), may be limited by sample rate THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB @ 0 dB gain, > 83 dB @ 30 dB gain	Analytics
		Applications Included AXIS Video Motion Detection, AXIS PTZ Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see <i>axis.com/acap</i>
		Cybersecurity
		Edge security Software: Signed firmware, brute force delay protection, digest authentication and OAuth 2.0 RFC6749 OpenID Authorization Code Flow for centralized ADFS account management, password protection, AES-XTS-Plain64 256bit SD card encryption Hardware: Secure boot
		Network security IEEE 802.1X (EAP-TLS, PEAP-MSCHAPv2), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, IP address filtering
		Documentation
		<i>AXIS OS Hardening Guide</i>

Axis Vulnerability Management Policy
 Axis Security Development Model
 AXIS OS Software Bill of Material (SBOM)
 To download documents, go to axis.com/support/cybersecurity/resources
 To read more about Axis cybersecurity support, go to axis.com/cybersecurity

General	
Casing	ASA plastic cover Color: White NCS S 1002-B
Power	11–13 V DC (12 V power supply included), typical 14 W, max 25 W
Connectors	RJ45 10BASE-T/100BASE-TX Terminal block for 2 configurable alarm input/output 3.5 mm stereo mic/line in, 3.5 mm stereo line out XLR-3 (left + right) mic/line in (with 48 V phantom power) HDMI Type A, BNC for SDI DC input RS232 serial connector for VISCA
Storage	Support for microSD/microSDHC/microSDXC card Support for SD card encryption (AES-XTS-Plain64 256bit) Recording to network-attached storage (NAS) For SD card and NAS recommendations see axis.com
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F) Humidity 5 – 95% RH (non-condensing)

Approvals	EMC EN 55032 Class A, EN 55035, EN 61000-3-2, EN 61000-3-3, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-3(A)/NMB-3(A), VCCI Class A, RCM AS/NZS CISPR 32 Class A, KC KN32 Class A, KC KN35 Safety IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, KC-Mark, IS 13252 Environment IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78 Network NIST SP500-267
Dimensions	Height: 180 mm (7.1 in) ø 136 mm (5.4 in)
Weight	1.5 kg (3.3 lb)
Included accessories	Power supply, wall/ceiling mount, terminal connector for I/O, installation guide, Windows® decoder user license, Camstreamer 3-month trial
Optional accessories	AXIS T8310 Video Surveillance Control Board AXIS VISCA Cable For more accessories, see axis.com
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
Warranty	5-year warranty, see axis.com/warranty