

# 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<sup>®</sup> 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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<b>Camera</b>		
<b>Image sensor</b>	Progressive scan RGB CMOS 1/2.8"	
<b>Lens</b>	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	<b>Output impedance:</b> < 100 Ohm, short circuit proof <b>Maximum output level:</b> > 0.707 Vrms <b>Bandwidth:</b> 20 Hz – 20 kHz (±3 dB), may be limited by sample rate <b>THD+N:</b> < 0.03% @ 10 kOhm load <b>Signal-to-Noise ratio:</b> > 87 dB
<b>Day and night</b>	Automatically removable infrared-cut filter	<b>SDI output</b>
<b>Minimum illumination</b>	<b>Color:</b> 1.0 lux at 30 IRE F1.4 <b>B/W:</b> 0.03 lux at 30 IRE F1.4	<b>Bandwidth:</b> 20 Hz – 20 kHz (±3 dB) <b>THD+N:</b> < 0.03% <b>Signal-to-Noise ratio:</b> > 87 dB
<b>Shutter speed</b>	1/10000 s to 1 s	<b>HDMI output</b>
<b>Pan/Tilt/Zoom</b>	<b>Pan:</b> ±170°, 0.2–100°/s <b>Tilt:</b> –20° – 90°, 0.2–90°/s <b>Zoom:</b> 30x Optical, 12x Digital, Total 360x 256 presets positions, Control queue, On-screen directional indicator, Adjustable zoom speed, PTZ response profiles	<b>Bandwidth:</b> 20 Hz – 20 kHz (±3 dB) <b>THD+N:</b> < 0.03% <b>Signal-to-Noise ratio:</b> > 87 dB
<b>System on chip (SoC)</b>		<b>Network</b>
<b>Model</b>	ARTPEC-7	<b>Security</b>
<b>Memory</b>	1 GB RAM, 512 MB Flash	IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1x (EAP-TLS) <sup>a</sup> network access control, user access log, centralized certificate management
<b>Video</b>		<b>Network protocols</b>
<b>Video compression</b>	H.264 (MPEG-4 Part 10/AVC) Baseline, Main and High Profiles H.265 (MPEG-H Part 2/HEVC) Main Profile Motion JPEG	IPv4/v6, ICMPv4/ICMPv6, HTTP, HTTP/2, HTTPS <sup>a</sup> , TLS <sup>a</sup> , 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, Syslog, Link-Local address (ZeroConf), HDMI, 3G-SDI, VISCA
<b>Resolution</b>	1920x1080 HDTV 1080p to 160x90 <b>HDMI/SDI Output:</b> 1080p@50/60 fps (50/60 Hz)	<b>System integration</b>
<b>Frame rate</b>	Up to 60/50 fps (60/50 Hz) in all resolutions	<b>Application Programming Interface</b>
<b>Video streaming</b>	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)	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, 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.
<b>Image settings</b>	Saturation, brightness, sharpness, white balance, day/night threshold, exposure mode, exposure zones, defogging, rotation: 0°, 180°	<b>Event conditions</b>
<b>Audio</b>		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
<b>Audio streaming</b>	Two-way, stereo HD-SDI: SMPTE ST 299-1 3G-SDI: SMPTE ST 299-2	<b>Event actions</b>
<b>Audio encoding</b>	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	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
<b>XLR input</b>	2 balanced inputs (left/right) Microphone phantom power 48 V Balanced external microphone Balanced line level <b>Line input impedance:</b> >10 kOhm <b>Maximum input level:</b> 4.4 Vrms <b>Bandwidth:</b> 20 Hz – 20 kHz (±3 dB), may be limited by sample rate <b>THD+N:</b> < 0.03% <b>Signal-to-Noise ratio:</b> > 85 dB @ 0 dB gain, > 78 dB @ 30 dB gain	<b>Data streaming</b>
<b>3.5 mm input</b>	Microphone Power 5 V via 2.2 kOhm Unbalanced external microphone Unbalanced line <b>Line input impedance:</b> >10 kOhm <b>Maximum input level:</b> 2.2 Vrms <b>Bandwidth:</b> 20 Hz – 20 kHz (±3 dB), may be limited by sample rate <b>THD+N:</b> < 0.03% <b>Signal-to-Noise ratio:</b> > 87 dB @ 0 dB gain, > 83 dB @ 30 dB gain	Event data
<b>3.5 mm output</b>	<b>3.5 mm unbalanced stereo output</b>	<b>Built-in installation aids</b>
		Pixel counter, leveling guide
		<b>Analytics</b>
		<b>Applications</b>
		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>
		<b>Cybersecurity</b>
		<b>Edge security</b>
		<b>Software:</b> Signed firmware, brute force delay protection, digest authentication, password protection, AES-XTS-Plain64 256bit SD card encryption <b>Hardware:</b> Secure boot
		<b>Network security</b>
		IEEE 802.1X (EAP-TLS) <sup>a</sup> , HTTPS/HSTS <sup>a</sup> , TLS v1.2/v1.3 <sup>a</sup> , Network Time Security (NTS), X.509 Certificate PKI, IP address filtering

<b>Documentation</b>	<p><i>AXIS OS Hardening Guide</i>  <i>Axis Vulnerability Management Policy</i>  <i>Axis Security Development Model</i></p> <p>To download documents, go to <a href="https://axis.com/support/cybersecurity/resources">axis.com/support/cybersecurity/resources</a>          To read more about Axis cybersecurity support, go to <a href="https://axis.com/cybersecurity">axis.com/cybersecurity</a></p>
<b>General</b>	
<b>Casing</b>	<p>ASA plastic cover          Color: White NCS S 1002-B</p>
<b>Power</b>	11–13 V DC (12 V power supply included), typical 14 W, max 25 W
<b>Connectors</b>	<p>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</p>
<b>Storage</b>	<p>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 <a href="https://axis.com">axis.com</a></p>
<b>Operating conditions</b>	<p>0 °C to 40 °C (32 °F to 104 °F)          Humidity 10–85% RH (non-condensing)</p>
<b>Storage conditions</b>	<p>–40 °C to 65 °C (–40 °F to 149 °F)          Humidity 5 – 95% RH (non-condensing)</p>
<b>Approvals</b>	<p>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,</p>

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

<b>Dimensions</b>	<p>Height: 180 mm (7.1 in)          ø 136 mm (5.4 in)</p>
<b>Weight</b>	1.5 kg (3.3 lb)
<b>Included accessories</b>	Power supply, wall/ceiling mount, terminal connector for I/O, installation guide, Windows® decoder user license, Camstreamer 3-month trial
<b>Optional accessories</b>	<p>AXIS T8310 Video Surveillance Control Board          AXIS VISCA Cable          For more accessories, see <a href="https://axis.com">axis.com</a></p>
<b>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese
<b>Warranty</b>	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>

a. *This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. (openssl.org), and cryptographic software written by Eric Young (eay@cryptsoft.com).*

Environmental responsibility:

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