

# 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**



# AXIS V5925 PTZ Camera

Camera	
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
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
System on chip (SoC)	
Model	ARTPEC-7
Memory	1 GB RAM, 512 MB Flash
Video	
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
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
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°
Audio	
Audio streaming	Two-way, stereo HD-SDI: SMPTE ST 299-1 3G-SDI: SMPTE ST 299-2
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
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
3.5 mm output	3.5 mm unbalanced stereo output

	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
SDI output	Bandwidth: 20 Hz – 20 kHz (±3 dB) THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB
HDMI output	Bandwidth: 20 Hz – 20 kHz (±3 dB) THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB
Network	
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
System integration	
Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> One-click cloud connection ONVIF® Profile G, ONVIF® Profile M, ONVIF® Profile S, ONVIF® Profile T, specification at <a href="http://onvif.org">onvif.org</a> Support for Session Initiation Protocol (SIP) for integration with Voice over IP (VoIP) systems, peer to peer or integrated with SIP/PBX.
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
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
Data streaming	Event data
Built-in installation aids	Pixel counter, leveling guide
Analytics	
Applications	Included AXIS Video Motion Detection, AXIS PTZ Autotracking Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>
Cybersecurity	
Edge security	Software: Signed OS, 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), IEEE 802.1AE (MACsec PSK/EAP-TLS), HTTPS/HSTS, TLS v1.2/v1.3, Network Time Security (NTS), X.509 Certificate PKI, host-based firewall

<b>Documentation</b>	<p><i>AXIS OS Hardening Guide</i>  <i>Axis Vulnerability Management Policy</i>  <i>Axis Security Development Model</i>            AXIS OS Software Bill of Material (SBOM)            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>Approvals</b>	<p><b>EMC</b>            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  <b>Safety</b>            IEC/EN/UL 62368-1, CAN/CSA C22.2 No. 62368-1, KC-Mark, IS 13252  <b>Environment</b>            IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-6, IEC 60068-2-14, IEC 60068-2-27, IEC 60068-2-78  <b>Network</b>            NIST SP500-267</p>
<b>General</b>		<b>Dimensions</b>	<p>Height: 180 mm (7.1 in)            ø 136 mm (5.4 in)</p>
<b>Casing</b>	<p>ASA plastic cover            Color: White NCS S 1002-B</p>	<b>Weight</b>	1.5 kg (3.3 lb)
<b>Power</b>	11–13 V DC (12 V power supply included), typical 14 W, max 25 W	<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>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>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>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>Languages</b>	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese
<b>Operating conditions</b>	<p>0 °C to 40 °C (32 °F to 104 °F)            Humidity 10–85% RH (non-condensing)</p>	<b>Warranty</b>	5-year warranty, see <a href="https://axis.com/warranty">axis.com/warranty</a>
<b>Storage conditions</b>	<p>–40 °C to 65 °C (–40 °F to 149 °F)            Humidity 5 – 95% RH (non-condensing)</p>		