

AXIS V5914 PTZ Network Camera

Live streaming with high-quality audio and HDTV 720p



- > HDTV video streaming
- > 30x optical zoom with autofocus
- > Smooth pan tilt and zoom
- > CD-quality stereo audio
- > Support for SDI and HDMI

AXIS V5914 Network Camera offers HDTV 720p resolution with smooth pan/tilt/zoom, high quality audio and powerful 30x zoom. It is designed to stream and webcast audio and video in a variety of applications. The open interface makes it easy to integrate with other systems and share information with a broader audience such as in auditoriums, classrooms, as well as peer-to-peer communication in video conferencing.

AXIS V5914 offers high-definition video in HDTV 720p resolution. Camera settings are optimized to produce video with high-color fidelity in studio environments.

The support for AXIS Streaming kLv'>anst enables etupo of peer --peer video

The smooth pan/tilt/zoom function is easy to control from the camera's web pages and makes it possible to follow movements in a live production situation and zoom in on details of interest.

AXIS V5914 offers high-quality audio streaming in stereo. The camera is fitted with audio connectors that meets most requirements for professional audio processing and enables connection of high-quality microphones and speakers.



Connector interface for high-quality AV production



Technical Specifications - AXIS V5914 PTZ Network Camera

Models	AXIS V5914 50 Hz AXIS V5914 60 Hz
Camera	
Image sensor	1/3" Progressive scan RGB CMOS
Lens	Autofocus, P-iris control, 4.3 - 129 mm, 58.3° - 2.1° view ^a , F1.6-4.7
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 0.6 lux at 30 IRE F1.6 B/W: 0.03 lux at 30 IRE F1.6
Shutter time	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
Video	
Video compression	H.264 High, Baseline and Main profile (MPEG-4 Part 10/AVC), Motion JPEG
Resolutions	1280 x 720 (HDTV 720p) to 320 x 180 HDMI/SDI: Up to HDTV 720p
Frame rate	Up to 50/60 fps
Video streaming	Multiple, individually configurable streams in H.264 and Motion JPEG, Controllable frame rate and bandwidth, VBR/MBR H.264, HDMI, SDI
Image settings	120 dB WDR-Dynamic Capture, Compression, Color, Brightness, Sharpness, White balance, Exposure control, Exposure zones, Backlight compensation, Defogging, Noise reduction, Electronic image stabilization, Text and image overlay (over ethernet) Rotation: 0°, 180°
Audio	
Audio streaming	Two-way, Stereo
Audio compression	SDI: AES3 24 bit, 48 kHz HDMI: LPCM Network: AAC LC 8/16/32/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz, Configurable bit rate
Audio input	XLR balanced mono input (left/right) Microphone phantom power 48 V Balanced external microphone (mono) Balanced line level (mono) Maximum input level: 4.4 Vrms Bandwidth: 20 Hz - 20 kHz, 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 unbalanced stereo input Microphone Power 5 V via 2.2 kOhm Unbalanced external microphone (stereo) Unbalanced line (stereo) Line input impedance: < 1.7 kOhm Maximum input level: 2.2 Vrms THD+N: < 0.03% Signal-to-Noise ratio: > 87 dB @ 0 dB gain, > 83 dB @ 30 dB gain Bandwidth: 20 Hz - 20 kHz, may be limited by sample rate
Audio output	3.5 mm unbalanced stereo output Output impedance: < 100 Ohm, short circuit proof Signal-to-Noise ratio: > 87 dB Bandwidth: 20 Hz - 20 kHz, may be limited by sample rate THD+N: < 0.03% @ 10 kOhm load Maximum input level: > 0.707 Vrms SDI THD+N: < 0.03% Bandwidth: 20 Hz - 20 kHz Signal-to-Noise ratio: > 87 dB @ 0 dB gain, > 83 dB @ 30 dB gain HDMI THD+N: < 0.03% Bandwidth: 20 Hz - 20 kHz Signal-to-Noise ratio: > 87 dB @ 0 dB gain, > 83 dB @ 30 dB gain
Audio input/output	External stereo microphone input or line input, line output
Network	
Security	Password protection, IP address filtering, HTTPS ^b encryption, IEEE 802.1X ^b network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS ^b , SSL/TLS ^b , QoS Layer 3 DiffServ, FTP, 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, HDMI 1.4, SDI
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	Support for AXIS Camera Application Platform enabling installation of third-party applications, see www.axis.com/acap
Event triggers	Intelligent video, Edge storage events, External input
Event actions	File upload: FTP, SFTP, HTTP, HTTPS, network share and email, Send video clip Notification: email, HTTP, HTTPS and TCP Overlay text, Send SNMP trap, Video and audio recording to edge storage, Pre- and post-alarm video buffering, Goto PTZ preset, External output activation, Day/night vision mode, Play audio clip
Data streaming	Event data
Built-in installation aids	Pixel counter
General	
Casing	ASA plastic cover black and white, Color: White NCS S 1002-B
Memory	1 GB RAM, 512 MB Flash
Power	8-28 V DC (12 V power supply included) typical 12 W, max. 21 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, Terminal block for DC power
Edge storage	SD/SDHC/SDXC slot supporting memory card up to 64 GB (card not included) Support for recording to dedicated network-attached storage (NAS)
Operating conditions	0 °C to 40 °C (32 °F to 104 °F) Humidity 10-85% RH (non-condensing)
Storage conditions	-20 °C to 60 °C (-4 °F to 140 °F) Humidity 10 - 85% RH (non-condensing)
Approvals	EN 55022 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, EN 61000-3-2, EN 61000-3-3, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, KCC KN 22 Class A, KN 24, C-tick AS/NZS CISPR 22 Class A, IEC/EN/UL 60950-1, EN 50581
Dimensions	180 x 136 x 136 mm (7.1 x 5.4 x 5.4 in)
Weight	1.49 kg (3.3 lb)
Included accessories	Power supply, Wall/Ceiling mount, Terminal connector for I/O, Installation Guide, Windows decoder 1-user license
Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty

- a. Horizontal angle of view
b. 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).

More information is available at www.axis.com