AXIS V5914 PTZ Network Camera
Live streaming with high-quality audio and HDTV 720p

AXIS V5914 offers HDTV 720p resolution with smooth pan/tilt/zoom, high quality audio streaming in stereo, and powerful 30x zoom. It can stream and webcast audio and video in a variety of applications, such as Microsoft Lync and Skype. The open interface makes it easy to integrate with other systems. AXIS Streaming Assistant enables easy setup of peer-to-peer video conference systems and live production to a larger audience. Audio connectors meet most requirements for professional audio processing, enabling connection of high-quality microphones and speakers, and SDI connectors allow integration into other live production systems. AXIS V5914 can also be connected to a monitor through HDMI.

> **HDTV video streaming**

> **30x optical zoom with autofocus**

> **Smooth pan tilt and zoom**

> **CD-quality stereo audio**

> **Support for SDI and HDMI**

AXIS V5914 PTZ Network Camera

Models	AXIS V5914 50 Hz AXIS V5914 60 Hz

Camera

Image sensor	Progressive scan RGB CMOS 1/3"
Lens	4.3-129 mm, F1.6-4.7 Horizontal angle of view: 63.7°-2.3° Vertical angle of view: 34.5°-1.2° Autofocus, P-iris control
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
Resolution	1280x720 HDTV 720p to 160x90 **HDMI/SDI Output:** 720p@50/60 fps (50/60 Hz)
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, SMPTE 292-1
Image settings	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° WDR-Dynamic Capture: 120dB

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[a] encryption, IEEE 802.1X[a] network access control, Digest authentication, User access log, Centralized certificate management
Supported protocols	IPv4/v6, HTTP, HTTPS[a], SSL/TLS[a], QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, 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	Detectors: Live Stream Accessed, Motion Detection, Audio Detection Hardware: Network Input Signal: Manual Trigger, Virtual Inputs, Digital Inputs PTZ: Error, Moving, Preset Reached, Ready Storage: Disruption, Recording System: System Ready Time: Recurrence, Use Schedule
Event actions	Day/night mode, overlay text, video and audio recording to edge storage, pre- and post-alarm video buffering, PTZ preset, external output activation, play audio clip, send SNMP trap File upload via FTP, SFTP, HTTP, HTTPS, network share and email, Send video clip Notification via email, HTTP, HTTPS and TCP
Data streaming	Event data
Built-in installation aids	Pixel counter

General

Casing	ASA plastic cover black and white Color: White NCS S 1002-B
Sustainability	PVC free
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
Storage	Support for microSD/microSDHC/microSDXC card Support for recording to dedicated network-attached storage (NAS) For SD card and NAS recommendations see www.axis.com
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 user license, Camstreamer 3-month trial
Optional accessories	AXIS T8353B Microphone Phantom Power AXIS T8310 Video Surveillance Control Board
Languages	English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese

Warranty   Axis 3-year warranty and AXIS Extended Warranty option, see *www.axis.com/warranty*

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 (eay@cryptsoft.com).*

Environmental responsibility:

www.axis.com/environmental–responsibility

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