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 HDMI 720p to 1600x900  
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-

**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%  
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

**Audio input/output**  
External stereo microphone input or line input, line output

**Network**  
**Security**  
Password protection, IP address filtering, HTTPS encryption, IEEE 802.1X network access control, Digest authentication, User access log, Centralized certificate management

**Supported protocols**  
IPv4/IPv6, HTTP, HTTPS, SSL/TLS, QoS Layer 3 DiffServ, FTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, SFTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, HDMI 1.4, SDI

**System integration**  
Open API for software integration, including VAPIX® and AXIS Camera Application Platform; Interface specifications at www.axis.com  
AXIS Video Hosting System (AVH) 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, HTTPS, HTTP, 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 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 (left + right) mic/line in (with 48 V phantom power)  
HDMI Type A, BNC for SDI, Terminal block for DC power  
Storage  
Support for SD/SDHC/SDXC 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, CE[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)
<table>
<thead>
<tr>
<th>Included accessories</th>
<th>Power supply, Wall/Ceiling mount, Terminal connector for I/O, Installation Guide, Windows decoder user license, Camstreamer 3-month trial</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optional accessories</td>
<td>AXIS TB352B Microphone Phantom Power, AXIS TB310 Video Surveillance Control Board</td>
</tr>
<tr>
<td>Languages</td>
<td>English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Traditional Chinese</td>
</tr>
</tbody>
</table>

**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:

axis.com/environmental-responsibility