AXIS V5915 PTZ Network Camera
Live streaming with high-quality audio and HDTV 1080p

> HDTV video streaming

> 30x optical zoom with autofocus

> Smooth pan tilt and zoom

> CD-quality stereo audio

> Support for SDI and HDMI

AXIS V5915 Network Camera offers HDTV 1080p 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 V5915 offers high-definition video in HDTV 1080p resolution. Camera settings are optimized to produce video with high-color fidelity in studio environments.

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 V5915 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.

The support for AXIS Streaming Assistant enables easy setup of peer-to-peer video conference systems, as well as live production to a larger audience. When AXIS Streaming Assistant is installed on a computer, it automatically discovers the camera on the network. The video streams can then be used in other streaming applications such as Microsoft Lync and Skype.

The camera offers SDI connectors that make it possible to integrate the product into other live production systems. AXIS V5915 can be connected to a monitor via HDMI to stream audio and video.

Connector interface for high-quality AV production

www.use-ip.co.uk
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63740/EN/M1.8/052015

Technical Specifications - AXIS V5915 PTZ Network Camera

Models	AXIS V5915 50 Hz AXIS V5915 60 Hz

Camera

Image sensor	1/2.8" Progressive scan RGB CMOS
Lens	Autofocus, P-iris control, 4.3 - 129 mm, 63.7° - 2.3° view[a], F1.6-4.7
Day and night	Automatically removable infrared-cut filter
Minimum illumination	Color: 1.0 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	1920 x 1080 (HDTV 1080p) to 320 x 180 HDMI/SDI: Up to HDTV 1080p
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, 3G-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, 3G-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 (eay@cryptsoft.com).*

More information is available at www.axis.com

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