AXIS T6112 Audio and I/O Interface

Seamlessly adds audio and I/O ports to your Axis cameras – microphone included

AXIS T6112 Audio and I/O Interface enables the use of two-way audio and I/O connectivity for compact, cost-efficient Axis cameras that do not have such functionality built-in. With portcast technology, AXIS T6112 uses the camera's IP address and allows it to provide seemingly camera-integrated audio and I/O connectivity, enabling audio and video in one stream. AXIS T6112 combines AXIS T6101 Audio and I/O Interface with a microphone in a discreet casing suitable for indoor installation on wall or ceiling. The plug-and-play AXIS T6112 can be installed anywhere between the switch and Axis camera, providing the ports right where you want them.

> **Built-in, omnidirectional microphone**

> **Two-way audio and configurable I/O ports**

> **Connectivity without additional IP address thanks to portcast technology**

> **One stream for audio and video**

> **Power over Ethernet**

AXIS T6112 Audio and I/O Interface

Audio

Audio streaming	Two-way
Audio encoding	Based on the audio compression capabilities of the connected camera (see camera datasheet). AXIS T61 series has potential support for: 24 bit LPCM, AAC–LC 8/16/32/44.1/48 kHz, G.711 PCM 8 kHz, G.726 ADPCM 8 kHz, Opus 8/16/48 kHz Configurable bitrate
Audio input/output	External microphone input or line input, line output

Microphone

Frequency range	100 Hz to 10 kHz
Sensitivity	–28 dB (relative: 1 V/Pa)
Max SPL	119 dB
SNR	80 dB at 1 kHz, A-weighted
Directionality	Omni-directional

I/O interface

I/O functionality	Two configurable supervised inputs/digital outputs 12 V DC output, max load 50 mA

Network – with supported camera

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, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP™, SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP

System integration – with supported camera

Application Programming Interface	Open API for software integration, including VAPIX® and AXIS Camera Application Platform; specifications at *axis.com* AXIS Guardian with One-Click Connection
Analytics	**Included** Audio detection **Supported** Support for AXIS Camera Application Platform enabling installation of third-party applications, see *axis.com/acap*
Event triggers	Analytics, supervised external input
Event actions	External output activation, audio recording to edge storage, play audio clip
Data streaming	Event data

General

Supported products	For a complete list of supported products, go to *axis.com/products/axis-t6112* Some products require an additional midspan for sufficient powering as stated on the concerned product's datasheet.

Casing	Polycarbonate casing, encapsulated electronics Color: White NCS S 1002-B For repainting instructions and impact on warranty, contact your Axis partner.
Sustainability	PVC free
Display and indicators	Status LED
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 or 3 (selectable) AXIS T6112 feeds power to the camera
Connectors	PoE in: RJ45 10BASE-T/100BASE-TX PoE out: RJ45 10BASE-T/100BASE-TX I/O: 4-pin 2.5 mm terminal block Audio: 3.5 mm mic/line in, 3.5 mm line out
Mounting	Connected anywhere between switch and camera. Maximum total distance using a CAT5 cable: 100 m (330 ft).
Operating conditions	–40 °C to 55 °C (–40 °F to 131 °F) Humidity 10–85% RH (non-condensing)
Storage conditions	–40 °C to 65 °C (–40 °F to 149 °F)
Approvals	**EMC** EN 55032 Class B, EN 55024, EN 61000–6–1, EN 61000–6–2, FCC Part 15 Subpart B Class B, ICES-003 Class B, VCCI Class B, RCM AS/NZS CISPR 32 Class B, KC KN32 Class B, KC KN35 **Safety** IEC/EN/UL 62368-1 **Environment** IEC 60068–2–1, IEC 60068–2–2, IEC 60068–2–6, IEC 60068–2–14, IEC 60068–2–27, IEC 60068–2–78 IEC/EN 62262 IK08
Dimensions	Height: 40 mm, (1 37/64 in) ø 135 mm (5 5/16 in)
Weight	230 g (0.5 lb)
Included accessories	Installation guide, mounting bracket, I/O connector
Optional accessories	AXIS T83 PIR Motion Detectors For more accessories, see *axis.com*
Video management software	With supported camera: AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at *axis.com/vms*
Warranty	5-year warranty, see *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

AXIS
C O M M U N I C A T I O N S