

## 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

<b>Audio</b>		For repainting instructions and impact on warranty, contact your Axis partner.	
Audio streaming	Two-way	<b>Sustainability</b>	PVC free
Audio compression	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	<b>Display and indicators</b>	Status LED
Audio input/output	External microphone input or line input, line output	<b>Power</b>	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 or 3 (selectable) AXIS T6112 feeds power to the camera
<b>Microphone</b>		<b>Connectors</b>	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
Frequency range	100 Hz to 10 000 kHz	<b>Mounting</b>	Connected anywhere between switch and camera. Maximum total distance using a CAT5 cable: 100 m (330 ft).
Sensitivity	-28 dB (relative: 1 V/Pa)	<b>Operating conditions</b>	-40 °C to 50 °C (-40°F to 122 °F) Start-up: -40 °C to 50 °C (-40°F to 122 °F) Humidity 10–85% RH (non-condensing)
Max SPL	119 dB	<b>Storage conditions</b>	-40 °C to 65 °C (-40 °F to 149 °F)
SNR	80 dB at 1 kHz, A-weighted	<b>Approvals</b>	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
Directionality	Omni-directional	<b>Dimensions</b>	Height: 40 mm, (1 37/64 in) ø 135 mm (5 5/16 in)
<b>I/O interface</b>		<b>Weight</b>	230 g (0.5 lb)
I/O functionality	Two configurable supervised inputs/digital outputs 12 V DC output, max load 50 mA	<b>Included accessories</b>	Installation guide, mounting bracket, I/O connector
<b>Network – with supported camera</b>		<b>Optional accessories</b>	AXIS T83 PIR Motion Detectors For more accessories, see <a href="http://axis.com">axis.com</a>
Security	Password protection, IP address filtering, HTTPS <sup>a</sup> encryption, IEEE 802.1X <sup>a</sup> network access control, digest authentication, user access log, centralized certificate management	<b>Video management software</b>	With supported camera: AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at <a href="http://axis.com/vms">axis.com/vms</a>
Supported protocols	IPv4/v6, HTTP, HTTPS <sup>a</sup> , SSL/TLS <sup>a</sup> , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, Bonjour, UPnP <sup>TM</sup> , SNMP v1/v2c/v3 (MIB-II), DNS, DynDNS, NTP, RTSP, RTP, TCP, UDP, IGMP, RTCP, ICMP, DHCP, ARP, SOCKS, SSH, LLDP	<b>Warranty</b>	Axis 3-year warranty and AXIS Extended Warranty option, see <a href="http://axis.com/warranty">axis.com/warranty</a>
<b>System integration – with supported camera</b>		a. This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit. ( <a href="http://www.openssl.org">www.openssl.org</a> ), and cryptographic software written by Eric Young ( <a href="mailto:ey@cryptsoft.com">ey@cryptsoft.com</a> ).	
Application Programming Interface	Open API for software integration, including VAPIX <sup>®</sup> and AXIS Camera Application Platform; specifications at <a href="http://axis.com">axis.com</a> AXIS Guardian with One-Click Connection	Environmental responsibility: <a href="http://axis.com/environmental-responsibility">axis.com/environmental-responsibility</a>	
Analytics	Included Audio detection Supported Support for AXIS Camera Application Platform enabling installation of third-party applications, see <a href="http://axis.com/acap">axis.com/acap</a>		
Event triggers	Analytics, supervised external input		
Event actions	External output activation, audio recording to edge storage, play audio clip		
Data streaming	Event data		
<b>General</b>			
Supported products	For a complete list of supported products, go to <a href="http://axis.com/products/axis-t6112">axis.com/products/axis-t6112</a> 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		