

AXIS T6101 Mk II Audio and I/O Interface

Seamlessly adds audio and I/O to your Axis cameras

AXIS T6101 Mk II Audio and I/O Interface enables the use of two-way audio and I/O connectivity for Axis cameras that do not have these capabilities already built-in. With portcast technology, this device 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 over the network. It can be installed anywhere between the switch and the Axis camera, providing the ports right where you want them.

- > **Add two-way audio and I/O to your Axis cameras**
- > **No need for additional IP address**
- > **One stream for audio and video**
- > **Plug-and-play installation**



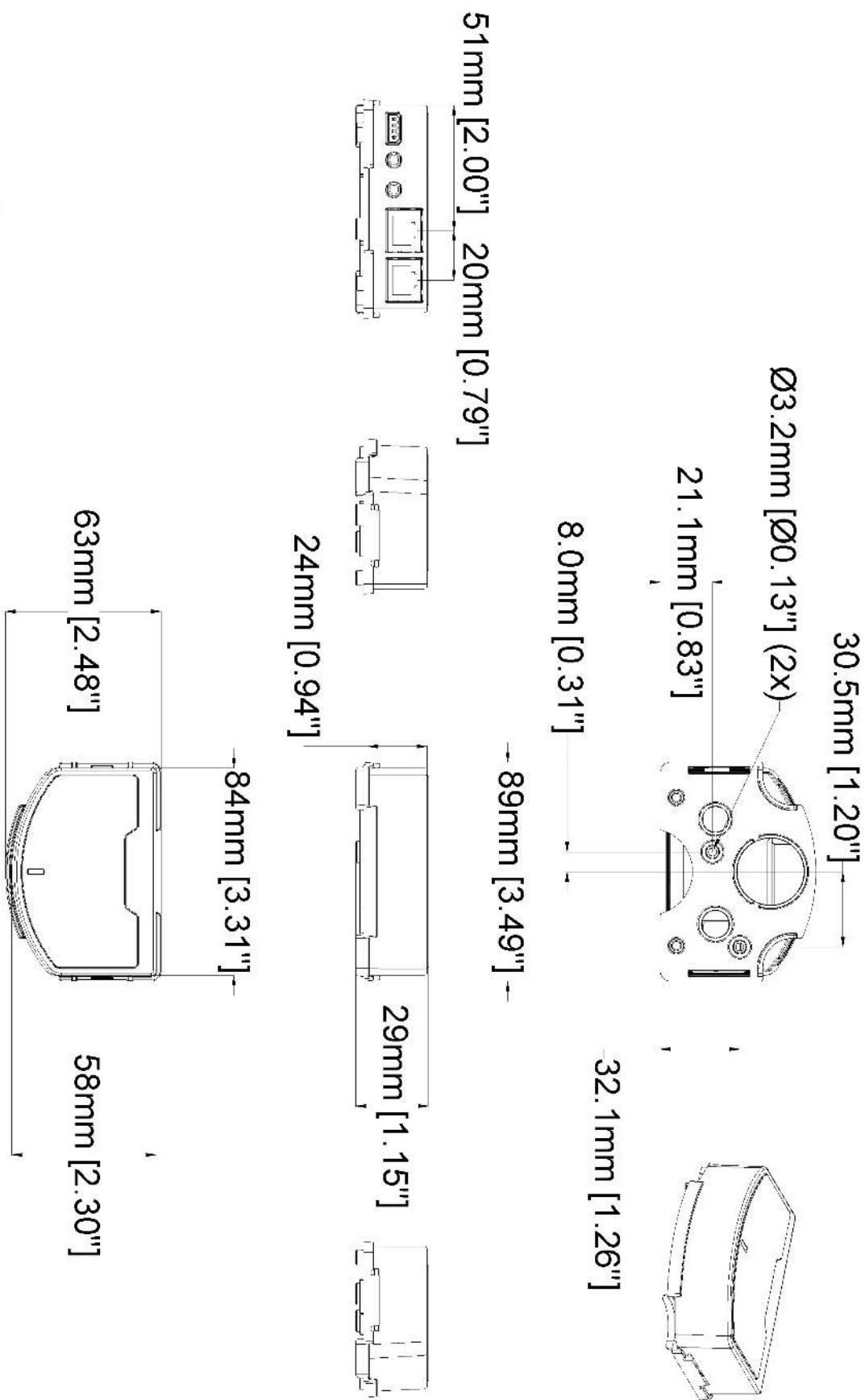
AXIS T6101 Mk II Audio and I/O Interface

Audio	
Audio streaming	Two-way, voice enhancement
Audio encoding	AXIS T61 series has potential support for: 16 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	2x external microphone input or line input, line output, digital input with ring power, automatic gain control
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
Network protocols	IPv4, IPv6 USGv6, ICMPv4/ICMPv6, HTTP, HTTPS ^a , HTTP/2, TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, CIFS/SMB, SMTP, mDNS (Bonjour), UPnP ^b , SNMP v1/v2c/v3 (MIB-II), DNS/DNSv6, DDNS, NTP, NTS, RTSP, RTP, SRTP/RTSPS, TCP, UDP, IGMPv1/v2/v3, RTCP, ICMP, DHCPv4/v6, ARP, SSH, LLDP, CDP, MQTT v3.1.1, Syslog, Link-Local address (ZeroConf), IEEE 802.1X (EAP-TLS), IEEE 802.1AR
System integration – with supported camera	
Application Programming Interface	Open API for software integration, including VAPIX [®] and AXIS Camera Application Platform; specifications at axis.com 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-t6101-mk-ii-audio-and-io-interface Some products require additional midspan for sufficient powering as stated on the concerned product's datasheet.
Casing	Polycarbonate casing, metal base, encapsulated electronics Color: White NCS S 1002-B
Sustainability	PVC free, CFR/BFR free, 75% recycled plastic

Display and indicators	Multi color status LED (red, amber and green)
Power	Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2, 3 or IEEE 802.3at Type 2 Class 4. ^b AXIS T6101 Mk II 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.100 m (330 ft).
Operating conditions	-40 °C to 50°C (-40°F to 122°F) Humidity 10–85% RH (non-condensing)
Storage conditions	-40 °C to 65 °C (-40 °F to 149 °F)
Approvals	EMC EN 55032 Class A, EN 55024, EN 61000-6-1, EN 61000-6-2, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, KS C 9832 Class A, KS C 9835 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
Edge security	Software: Signed firmware Hardware: Secure boot
Dimensions	89 mm x 63 mm x 29 mm (3 1/2 in x 2 1/2 in x 1.15 in)
Weight	86 g (0.19 lb)
Included accessories	Installation guide, mounting bracket, I/O connector
Optional accessories	T94S01P Conduit Back Box, TP3603 Conduit Back Box, TM3101 Pendant Wall Mount, TP3101 Pendant Wall Mount and AXIS Microphones 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 (ey@cryptsoft.com).
b. This depends on the camera.

Dimension drawing



AXIS T6101 Mk II Audio I/O Interface with Mounting Bracket

Key features and technologies

Portcast

A concept (unique to Axis) for adding connectivity to Axis cameras. An interface box between the camera and switch provides the ports and adds a communication layer on top of the network.

Two-way audio

Two-way audio (also known as duplex audio) is a feature that allows Axis devices to both pick up and broadcast

sound. For example, if you have an IP camera with two-way audio, you can both see and hear what's going on on your premises and, if the need arises, speak with visitors or intruders in real-time.

Voice enhancer

An algorithm that amplifies voice content relative to other sounds with the purpose of making speech more perceptible.

For more information, see [axis.com/glossary](https://www.axis.com/glossary)