

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

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| Audio | | |
| Audio streaming | Two-way | For repainting instructions and impact on warranty, contact your Axis partner. |
| 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 | Sustainability PVC free |
| Audio input/output | External microphone input or line input, line output | Display and indicators Status LED |
| Microphone | | Power Power over Ethernet (PoE) IEEE 802.3af/802.3at Type 1 Class 2 or 3 (selectable) AXIS T6112 feeds power to the camera |
| Frequency range | 100 Hz to 10 000 kHz | 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 |
| Sensitivity | -28 dB (relative: 1 V/Pa) | Mounting Connected anywhere between switch and camera. Maximum total distance using a CAT5 cable: 100 m (330 ft). |
| Max SPL | 119 dB | Operating conditions -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) |
| SNR | 80 dB at 1 kHz, A-weighted | Storage conditions -40 °C to 65 °C (-40 °F to 149 °F) |
| Directionality | Omni-directional | 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 |
| I/O interface | | Dimensions Height: 40 mm, (1 37/64 in) ø 135 mm (5 5/16 in) |
| I/O functionality | Two configurable supervised inputs/digital outputs 12 V DC output, max load 50 mA | Weight 230 g (0.5 lb) |
| Network – with supported camera | | Included accessories Installation guide, mounting bracket, I/O connector |
| Security | Password protection, IP address filtering, HTTPS ^a encryption, IEEE 802.1X ^a network access control, digest authentication, user access log, centralized certificate management | Optional accessories AXIS T83 PIR Motion Detectors For more accessories, see axis.com |
| Supported protocols | IPv4/v6, HTTP, HTTPS ^a , SSL/TLS ^a , QoS Layer 3 DiffServ, FTP, SFTP, 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, LLDP | Video management software With supported camera: AXIS Companion, AXIS Camera Station, video management software from Axis' Application Development Partners available at axis.com/vms |
| System integration – with supported camera | | Warranty Axis 3-year warranty and AXIS Extended Warranty option, see axis.com/warranty |
| 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 | |

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).

Environmental responsibility:

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