

AXIS TU8003 90 W Connectivity Midspan

For network and fiber installations up to 90 W

AXIS TU8003 90 W Connectivity Midspan with portcast technology uses the camera's IP address to provide seemingly camera-integrated audio and I/O connectivity. This enables audio and video in one stream over the network with no extra VMS license. And, with remote on/off functionality with I/O, it's possible to save power if needed. Not only does it power the camera, it also monitors its status with regular signal checks. If there's no response within five minutes, this midspan will automatically restart the camera.

- > **Audio and I/O ports**
- > **Support for Axis PTZ cameras**
- > **IEEE 802.3bt and AXIS High PoE**
- > **SFP slot for fiber**
- > **External power control**



AXIS TU8003 90 W Connectivity Midspan

Midspans

Function

Data and power are fed to a network video product through an Ethernet cable
Use together with a PoE splitter for a network video product without built-in PoE support

Data rate

10/100/1000 Mbps

Installation and management

Automatically detects PoE and High PoE-enabled devices and supplies inline power
Status LED indicators

Data & power

Power

High Power over Ethernet, max 90 W
Power over Ethernet (PoE) IEEE 802.3bt Type 4

Input

AC input voltage: 100 to 240 V AC
AC frequency: 50–60 Hz

Output

54 V DC (max 90 W)

Connectors

Shielded RJ45, EIA 568A and 568B
SFP slot (1 Gbit only)
Power connector C14
I/O: 6-pin 2.5 mm terminal block
Audio: 4-pin 2.5 mm terminal block

Wiring

Data provided over pairs 1/2 and 3/6 for 10/100 Ethernet, over all four pairs for Gigabit Ethernet
Power over pairs 1/2 (-), 3/6 (+), 4/5 (+) and 7/8 (-)

Audio

Streaming

Two-way, full duplex

Encoding

24 bit LPCM, AAC-LC 8/16/32/48 kHz,
G.711 PCM 8 kHz, G.726 ADPCM 8 kHz,
Opus 8/16/48 kHz
Configurable bitrate

Input/output

External microphone input or line input, line output

I/O interface

I/O functionality

Three configurable inputs/digital outputs
One fixed input
12 V DC output, max load 50 mA

Approvals

Product markings

UL/cUL, BIS, CE, KC, VCCI, RCM

Supply chain

TAA compliant

EMC

EN 55035, EN 55032 Class A, EN 50121-4,
EN 61000-3-2, EN 61000-3-3, EN 61000-6-1,
EN 61000-6-2, IEC 62236-4
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A
Japan: VCCI Class A
Korea: KS C 9835, KS C 9832 Class A
USA: FCC Part 15 Subpart B Class A

Safety

CAN/CSA C22.2 No. 62368-1 ed.2,
IEC/EN/UL 62368-1 ed.2, IEC/EN 60950-1, IS 13252, CB

Cybersecurity

Documentation

AXIS OS Hardening Guide
Axis Vulnerability Management Policy
Axis Security Development Model
AXIS OS Software Bill of Material (SBOM)
To download documents, go to axis.com/support/cybersecurity/resources
To read more about Axis cybersecurity support, go to axis.com/cybersecurity

General

Casing

Polycarbonate casing
Color: white NCS S 1002-B

Display and indicators

PoE LED
Power LED

Mounting

Wall, shelf or DIN rail⁽¹⁾

Power

Max AC power consumption: 118 V A

Operating conditions

Up to 30 W:

-25 °C to 60 °C (-13 °F to 140 °F)

Up to 60 W:

-25 °C to 50 °C (-13 °F to 122 °F)

Up to 90 W:

-25 °C to 35 °C (-13 °F to 95 °F)

When mounted inside AXIS T91G61 and connected to an outdoor PTZ:

-50 °C to 50 °C (-58 °F to 122 °F)

Humidity 10–85% RH (non-condensing)

Maximum temperature according to NEMA TS 2 (2.2.7) open air⁽²⁾: 74 °C (165 °F)

Start-up temperature: -40 °C (-40 °F)

Storage conditions

-40 °C to 65 °C (-40 °F to 149 °F)

Humidity 5–95% RH (non-condensing)

Dimensions

56 x 80 x 184 mm (2.2 x 3.1 x 7.2 in)

Weight

415 g (0.91 lb)

Cable length

1.8 m

Box content

Midspan, installation guide, owner authentication key

Optional accessories

AXIS T91A03 DIN Rail Clip
Mains Cable Angle C13-Open 0.5 m
For more accessories, see axis.com

Warranty

5-year warranty, see axis.com/warranty

Sustainability

Substance control

PVC free

RoHS in accordance with EU RoHS Directive 2011/65/EU/ and EN 63000:2018

REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see axis.com/partner.

Environmental responsibility

axis.com/environmental-responsibility

Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org

1. Sold as optional accessory

2. When installed outside of AXIS T91G61 Wall Mount