



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.

- > [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 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	
Audio streaming	Two-way, full duplex
Audio 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
Audio 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
	<p><i>Axis Vulnerability Management Policy</i> <i>Axis Security Development Model</i> 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</p>
General	
Casing	Polycarbonate casing Color: white NCS S 1002-B
Display and indicators	PoE LED Power LED
Mounting	Wall, shelf or DIN rail ^a
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 ^b : 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
	<p>a. Sold as optional accessory b. When installed outside of AXIS T91G61 Wall Mount</p>