

AXIS TU8007-R 90 W Industrial Midspan

Robust and suitable for industrial installations

AXIS TU8007-R 90W Industrial Midspan is an industrial grade 1-port midspan offering an easy, fast and cost-effective solution for powering network products. With a wide operating temperature, from -40°C to 75°C (-40°F to 167°F), AXIS TU8007-R is robust in harsh environments. What's more, it is ideal for mounting in cabinets with a DIN rail, which is included with the product. It has dual DC inputs for power redundancy and offers wide compatibility with Axis PoE devices.

- > Supports 90 W and 90W IEEE 802.3bt
- > Wide temperature range -40°C to 75°C (-40°F to 167°F)
- > Dual DC inputs 20-60 VDC
- > Plug-and-play



AXIS TU8007-R 90 W Industrial 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, PoE+, and PoE++ -enabled devices and supplies inline power.

Approvals

Product markings

UL/cUL, CE, VCCI, RCM

EMC

CISPR 32 Class A, EN 55035, EN 55032 Class A,
EN 61000-6-1, EN 61000-6-2
Australia/New Zealand: RCM AS/NZS CISPR 32 Class A
Canada: ICES-3(A)/NMB-3(A)
Japan: VCCI Class A
USA: FCC Part 15 Subpart B Class A

Safety

CAN/CSA C22.2 No. 62368-1 ed. 3,
IEC/EN/UL 62368-1 ed. 3

Environment

IEC 60068-2-6, IEC 60068-2-27

General

Casing

Steel
Color: Black

Display and indicators

PoE LED
Power LED
Alarm LED

Mounting

Wall or DIN rail

Power

At 15 W: Power over Ethernet IEEE 802.3af
At 30 W: Power over Ethernet IEEE 802.3at
At 60 W to 90 W: Power over Ethernet IEEE 802.3bt

Input

20 to 60 VDC

Output

54 VDC (max 90 W)

Connectors

Network: Shielded RJ45 10BASE-T/100BASE-TX/
1000BASE-T PoE
Power: DC input, terminal block

Wiring

Data provided over pairs 1/2 and 3/6 for 10/100
Ethernet, over all four pairs for Gigabit Ethernet
Power provided over data pairs:

1/2 Return and 3/6 + (max 0.8A)

7/8 Return and 4/5 + (max 0.8A)

Operating conditions

Temperature: -40 °C to 75 °C (-40 °F to 167 °F)
Humidity: 0-90% RH (non-condensing)

Storage conditions

Temperature: -40 °C to 85 °C (-40 °F to 185 °F)
Humidity: 0-95% RH (non-condensing)

Dimensions

45 x 78 x 121 mm (1.8 x 3.1 x 4.8 in)
For the overall product dimensions, see the dimension
drawing in this datasheet.

Weight

640 g (1.4 lb)

Box content

Midspan, installation guide, wall mount, DIN rail clip

System tools

AXIS Site Designer, product selector, accessory selector
Available at axis.com

Languages

English, German, French, Spanish, Italian, Russian, Simplified Chinese, Japanese, Korean, Portuguese, Polish, Traditional Chinese, Dutch, Czech, Swedish, Finnish, Turkish, Thai, Vietnamese

Warranty

5-year warranty, see axis.com/warranty

Export control

This product is subject to export control regulations, and you should always comply with all applicable national and international export or re-export control regulations.

Part numbers

Available at axis.com/products/axis-tu8007-r-90-w-industrial-midspan#part-numbers

Sustainability

Substance control

PVC free, BFR/CFR free in accordance with JEDEC/ECA Standard JS709
RoHS in accordance with EU RoHS Directive 2011/65/EU and 2015/863, and standard EN IEC 63000:2018
REACH in accordance with (EC) No 1907/2006. For SCIP UUID, see echa.europa.eu

Materials

Screened for conflict minerals in accordance with OECD guidelines
To read more about sustainability at Axis, go to axis.com/about-axis/sustainability

Environmental responsibility

axis.com/environmental-responsibility
Axis Communications is a signatory of the UN Global Compact, read more at unglobalcompact.org

