

## 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](http://axis.com)

## Languages

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

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## Warranty

5-year warranty, see [axis.com/warranty](https://axis.com/warranty)

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## 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.

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## Part numbers

Available at [axis.com/products/axis-tu8007-r-90-w-industrial-midspan#part-numbers](https://axis.com/products/axis-tu8007-r-90-w-industrial-midspan#part-numbers)

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## 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](https://echa.europa.eu)

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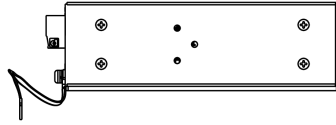
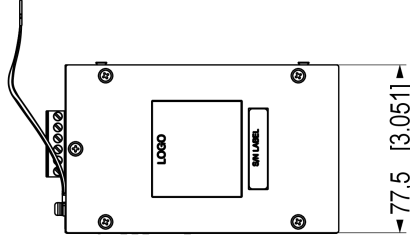
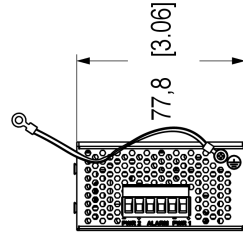
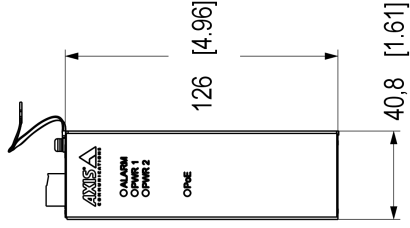
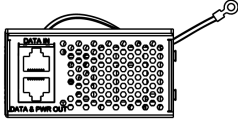
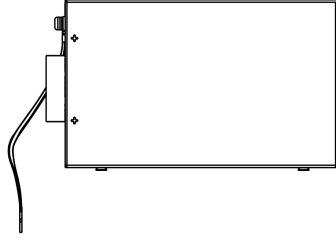
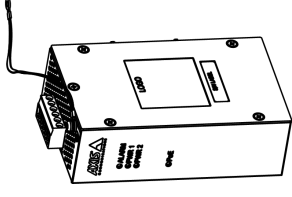
### Materials

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

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### Environmental responsibility

[axis.com/environmental-responsibility](https://axis.com/environmental-responsibility)  
Axis Communications is a signatory of the UN Global Compact, read more at [unglobalcompact.org](https://unglobalcompact.org)

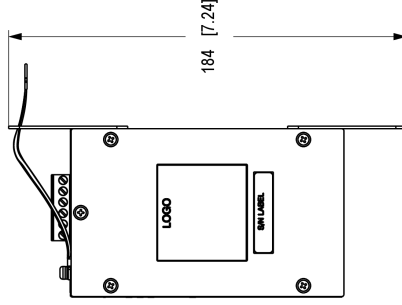
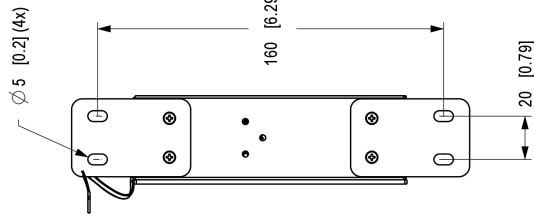
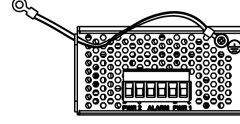
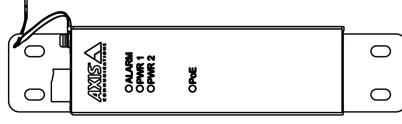
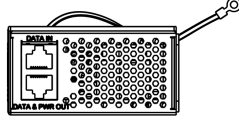
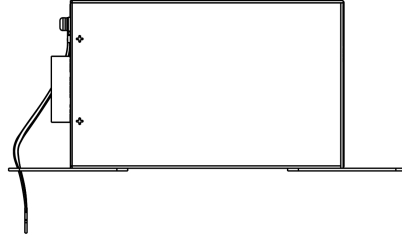
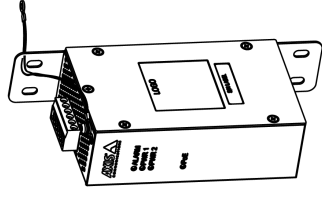


Dimensions in mm [incht]

Date	Version	Scale
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Drawing Number	Size	Sheet
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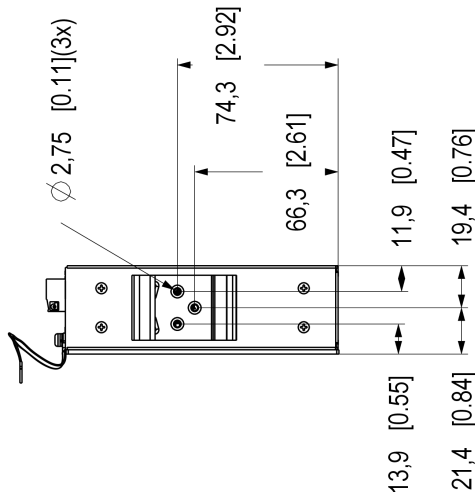
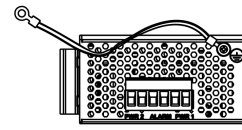
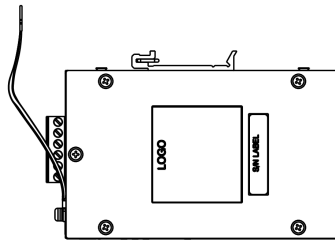
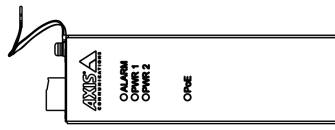
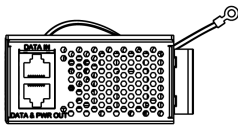
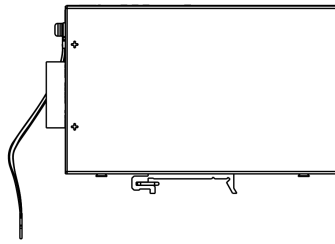
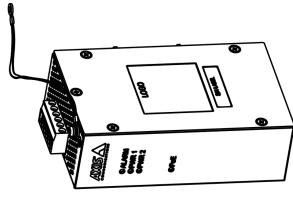
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Date	Version	Scale
2025 Dec-19	M1.2	1:2
Drawing Number	Size	Sheet
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