Axis High Power over Ethernet midspans
For indoor and outdoor installations

Axis High Power over Ethernet midspans offer an easy, fast and cost-effective solution for powering network video products, without the need to install power outlets and electrical cabling.

Axis PoE+ midspans are connected to the power source (DC, AC or mains), transforming the power and injecting it into the network cable enabling Axis network video products to receive data and power over the same Ethernet cable.

The High PoE products make it easier to install network video products in areas where power cabling and outlets are unavailable, thereby reducing installation costs.

These midspans are used to power all network devices that are IEEE 802.3af or IEEE 802.3at compliant, meaning that they can be used with all Axis network video products with built-in PoE support.

AXIS T8134, AXIS T8124-E and AXIS T8125 provide 60 W (two times IEEE802.3at) which is required when operating e.g. AXI TQ60-E Network Cameras in temperatures below -20 °C (-4 °F). AXI T8134, AXIS T8124-E and AXIS T8125 require 100 to 240 V AC and 24 V AC respectively.
### Technical Specifications - Axis High Power over Ethernet midspans

#### 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.
- AXIS T8123-E/T8124-E: Built-in surge protection.

**Data rate**
- 10/100/1000 Mbps
- AXIS T8122: 10/100 Mbps

**Connectors**
- Shielded RJ45, EIA 568A and 568B
- AXIS T8122: 2-pin DC terminal power connector
- AXIS T8133/T8134: Power connector C13
- AXIS T8125: 2-pin AC terminal power connector

**Network cables**
- Shielded category 5 (or higher)

**Wiring**
- Data provided over pairs 1/2 and 3/6 for 10/100 Ethernet, over all four pairs for Gigabit Ethernet.
- AXIS T8123/T8124-T8123-E: Power over spare pairs 4/5 (+) and 7/8 (-)
- AXIS T8134/T8124-T8123-E: Power over pairs 1/2 (-), 3/6 (+), 4/5 (+) and 7/8 (-)

#### Installation and management
- Plug-and-play installation; automatically detects PoE and High PoE-enabled devices and supplies inline power.
- Local LED management display (not applicable for AXIS T8123-E/T8124-E)
- NOTE: AXIS T8122, AXIS T8133 and AXIS T8123-E should be used with a non-PoE network switch. If a PoE switch is used, turn off the PoE on the port in use.

**Casing**
- AXIS T8123-E/T8124-E: Outdoor, Polycarbonate, IP66–NEMA 4X-rated

**Display and indicators**
- Port interfaces are located on the front panel.
- AXIS T8122: DC LED: Power indicator
- Port LED: Network indicator
- AXIS T8133/T8134: Port LED: Power indicator and Data connectivity
- AXIS T8125: AC LED: Power indicator
- Port LED: Data connectivity

**Warranty**
- Axis 3-years warranty, see www.axis.com/warranty

More information is available at www.axis.com

<table>
<thead>
<tr>
<th><strong>AXIS T8122</strong></th>
<th><strong>AXIS T8133</strong></th>
<th><strong>AXIS T8123-E</strong></th>
<th><strong>AXIS T8134</strong></th>
<th><strong>AXIS T8124-E</strong></th>
<th><strong>AXIS T8125</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Max. PoE class</strong></td>
<td><strong>At 12 V:</strong> Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4</td>
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<td>Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4</td>
<td>High Power over Ethernet, max. 60 W</td>
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<tr>
<td><strong>Max. output power</strong></td>
<td>55 V DC (max. 30 W)</td>
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<tr>
<td><strong>Input power</strong></td>
<td>12/24 V DC (max. 38/20 W)</td>
<td>AC Input Voltage: 100 to 240 V AC Frequency: 50-60 Hz</td>
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<tr>
<td><strong>Mounting</strong></td>
<td>Wall, shelf or DIN rail mounting</td>
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<td>Wall or pole mounting</td>
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<tr>
<td><strong>Operating conditions</strong></td>
<td>-20 °C to 65 °C (-4 °F to 149 °F) Humidity max. 95% RH (non-condensing)</td>
<td>-20 °C to 40 °C (-4 °F to 104 °F) Humidity max. 95% RH (non-condensing)</td>
<td>-40 °C to 55 °C (-40 °F to 131 °F) Humidity max. 90% RH (condensing)</td>
<td>-40 °C to 55 °C (-40 °F to 131 °F) Humidity max. 90% RH (condensing)</td>
<td>-40 °C to 50 °C (-40 °F to 122 °F) Humidity max. 90% RH (condensing)</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x L)</strong></td>
<td>113 x 95 x 41 mm (4.6 x 3.7 x 1.6 in)</td>
<td>33 x 53 x 140 mm (1.3 x 2.1 x 5.5 in)</td>
<td>70 x 150 x 214 mm (2.8 x 5.9 x 8.4 in)</td>
<td>38 x 62 x 151 mm (1.5 x 2.4 x 6.0 in)</td>
<td>70 x 150 x 214 mm (2.8 x 5.9 x 8.4 in)</td>
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<tr>
<td><strong>Weight</strong></td>
<td>200 g (0.4 lb)</td>
<td>1 kg (2.2 lb)</td>
<td>320 g (0.7 lb)</td>
<td>1 kg (2.2 lb)</td>
<td>450 g (1 lb)</td>
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<tr>
<td><strong>Included accessories</strong></td>
<td>AXIS Connector A 2-pin 3.81 Straight</td>
<td></td>
<td></td>
<td></td>
<td>AXIS Connector A 2-pin 5.08 Straight</td>
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<tr>
<td><strong>Optional accessories</strong></td>
<td>AXIS T9103D DIN Rail Clip, Mains Cable Angle C13-Open 0.5 m</td>
<td>Pole Mount Bracket F</td>
<td>AXIS Midspan DIN Clip A, Mains Cable Angle C13-Open 0.5 m</td>
<td>Pole Mount Bracket F</td>
<td>AXIS Midspan DIN Clip A</td>
</tr>
</tbody>
</table>

1) Optional accessory

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