

## Axis High Power over Ethernet midspans

High Power over Ethernet for indoor and outdoor installations.



- > Reduced installation costs
- > IEEE 802.3at and IEEE 802.3af compliance
- > Outdoor-ready models
- > Plug-and-play installation
- > Support for Axis PTZ dome network cameras

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 mains power, transforming the power and inject 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 at compliant, meaning that they can be used with all Axis network video products with built-in PoE support.

AXIS T8124/-E and AXIS T8125 provide 60 W (two times IEEE802.3at) which is required when operating e.g. AXIS Q60-E Network Cameras in temperatures below -20 °C (-4 °F). AXIS T8124/-E and AXIS T8125 differ for the AC input voltage, which is respectively of 100 to 240 V AC and 24 V AC.

## Technical Specifications – Axis High Power over Ethernet midspans

Midspan	
<b>Model</b>	AXIS T81B22 DC 30 W Midspan (1-port) AXIS T8123 High PoE 30 W Midspan 1-port AXIS T8123-E Outdoor Midspan 30 W (1-port) AXIS T8124 High PoE 60 W Midspan 1-port AXIS T8124-E Outdoor Midspan 60 W (1-port) AXIS T8125 AC 24 V Midspan 60 W (1-port)
<b>Function</b>	Data and power are fed to a network video product through an Ethernet cable; use together with a High PoE splitter for a network video product without built-in PoE support AXIS T8123-E/T8124-E: Built-in surge protection
<b>Data rate</b>	10/100/1000 Mbps
Data & Power	
<b>Connectors</b>	Shielded RJ45, EIA 568A and 568B AXIS T8125: 2-pin AC terminal block
<b>Network cables</b>	Shielded category 5 (or higher)
<b>Power cable</b>	AXIS T8123-E/T8124-E: Pre-installed 3 m shielded cable, pigtail
<b>Wiring</b>	Data provided over pairs 1/2 and 3/6 for 10/100 Ethernet, over all four pairs for Gigabit Ethernet Power over spare pairs 4/5 (+) and 7/8 (-) AXIS T8124: Power over pairs 1/2 (-), 3/6 (+), 4/5 (+) and 7/8 (-)
<b>Installation and management</b>	Plug-and-play installation; automatically detects PoE and High PoE-enabled devices and supplies inline power Local LED management display AXIS T8123-E/T8124-E: Outdoor ready plug-and-play installation; automatically detects PoE and High PoE-enabled devices and supplies inline power