

AXIS T8123-E/T8124-E Outdoor Midspans

PoE+ midspans for outdoor installations.



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

Axis High Power over Ethernet midspans offer an easy, fast and cost-effective solution for powering network video products, without the need for additional power supplies or enclosures.

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.

Thanks to the IP66-rated RJ-45 connectors, the installer does not have to open the outdoor midspan, just connect the mains cable and the network video product. The outdoor-ready midspans are IP66- and NEMA 4X-rated, with extended temperature range from -40 °C to 65 °C (-40 °F to 149 °F) at certain output power. AXIS T8123-E and AXIS T8124-E also offers surge protection for both the AC and the PoE ports ensuring the indoor equipment is protected from outdoor surges.

AXIS T8124-E provides 60 W (two times IEEE802.3at) which is required when operating AXIS Q60-E Network Cameras in temperatures below -20 °C (-4 °F).

Technical Specifications – Axis PoE+ Outdoor Midspans

Midspan		General	
Model	AXIS T8123-E Outdoor Midspan 30 W (1-port) AXIS T8124-E Outdoor Midspan 60 W (1-port) Both models available in US and international versions	Casing	Polycarbonate casing. IP66- and NEMA 4X-rated Color: RAL 9002
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 Built-in surge protection	Compliance	RoHS, WEEE, CE, IEEE 802.3af and IEEE 802.3at compliant
Data rate	10/100/1000 Mbps	Mounting	Wall and pole mounting
Data & Power		Approvals	Emission / Immunity: FCC part 15, Class B with FTP cabling, EN 55022 Class B, EN 55024, EN 61000-4-5 Class 5 (6kV CM), VCCI, ICES-003, KCC, C-tick, CQC Safety: UL 60950-1 & UL 60950-22 (UL/cUL), GS Mark, CB, KC, S-mark Dust and water intrusion: IEC 60529 IP66, NEMA 250 Type 4X, ASTM B-117 Surge protection: Designed to meet GR-1089-CORE lightning protection demands, ITU-T K.20 6 kV on AC lines
Connectors	Shielded rugged RJ-45 (with gasket), EIA 568A and 568B	Operating conditions	Humidity 10 - 100% RH (condensing) AXIS T8123-E: -40 °C to 55 °C (-40 °F to 131 °F) at 30 W -40 °C to 65 °C (-40 °F to 149 °F) at 15.4 W AXIS T8124-E: -40 °C to 55 °C (-40 °F to 131 °F) at 60 W -40 °C to 65 °C (-40 °F to 149 °F) at 30 W
Power cable	Pre-installed 3 m shielded cable, pigtail	Storage	-40 °C to 85 °C (-40 °F to 185 °F) Humidity max. 95% RH (non-condensing)
Wiring	Data provided over pairs 1/2 and 3/6 for 10/100 Ethernet, over all four pairs for Gigabit Ethernet Power over pairs 4/5 (+) and 7/8 (-)	Weight	1 kg (2.4 lb.)
Output power	AXIS T8123-E: 55 V DC (max. 30 W) AXIS T8124-E: 55 V DC (max. 60 W)	Included accessories	User Guide, two RJ-45 male plug waterproof connector covers, electrical earthing wire
Input power	AC Input Voltage: 100 to 240 V AC AC Frequency: 50 - 60 Hz	Optional accessories	Pole Mount Bracket F
Installation and management	Outdoor ready plug-and-play installation; automatically detects PoE and PoE+-enabled devices and supplies inline power		

More information is available at www.axis.com and on products' Installation Guide

Dimensions

