

Axis PoE Midspan 1-port

Network video without the need for power outlets.



- > Reduced installation costs
- > IEEE 802.3af compliance

Axis High PoE products are available for Axis PTZ and PTZ dome cameras. See separate datasheet.

Power over Ethernet (PoE) offers an easy, fast and cost-effective solution for supplying power to network video products without the need to install power outlets and electrical cabling. Simply connect the Axis PoE midspan to the network and the network video products are supplied with power.

Axis PoE midspan provides power (max. 15.4 W per port) over Ethernet cables to network video products with built-in PoE support. For a network video product without built-in PoE support, a PoE splitter must be used to separate power and data coming over the network cable.

The PoE product enables network cameras and video encoders to be installed in areas where traditional power cabling and outlets are unavailable or difficult to install. Installations are made easier and costs are reduced.

Axis PoE midspan is IEEE 802.3af compliant, which ensures compatibility with most of Axis products that have built-in support for PoE.

For network cameras such as PTZ (pan/tilt/zoom) and PTZ dome cameras that require higher power than what PoE products can provide, High PoE midspans and splitters are available. See Axis High Power over Ethernet midspan and splitters datasheet.

Technical Specifications – Axis Power over Ethernet Midspan 1-port

Midspans	
Models	AXIS Power over Ethernet Midspan 1 port
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 Mbps
Data & Power	
Connectors	Shielded RJ-45, EIA 568A and 568B
Network cables	Shielded category 5 (or higher) Ethernet
Wiring	Mode B; data provided over pairs 1/2 and 3/6, power over spare pairs 4/5 (+) and 7/8 (-)
Output power	48 V DC (max. 15.4 W/port)
Input power	AC input voltage: 90 - 264 V AC AC frequency: 47 - 63 Hz AC input current: 0.5 A at 110 - 220 V AC
Installation and management	Plug-and-play installation; midspan automatically detects all devices with support for PoE and supply inline power Local LED management display
Port auto-sensing	Standard IEEE 802.3af auto-sensing Pre-standard backward compatibility algorithm

General	
Display and indicators	All port interfaces are located on the front panel for easy access and real-time network monitoring System: AC power, Channel indicator - power and fault For more information, see www.axis.com/techsup
Compliance	IEEE 802.3 standard (when no inline power is supplied) and IEEE 802.3af, DTE Power via Media Dependent Interface (MDI)
Mounting	Wall or shelf mounting
Approvals	FCC Part 15 Class B with FTP cabling EN55022 (CISPR 22) Class B with FTP cabling Safety: cUL/UL, TUV, CE
Operating conditions	0 - 40 °C (32 - 104 °F) Humidity max. 90% RH (non-condensing)
Dimensions (HxWxD) and weight	31 x 60 x 145 mm (1.22" x 2.36" x 5.71") 450 g (1 lb.)

More information is available at www.axis.com