

AXIS T8640

Upgrade to IP but keep the coax

AXIS T8640 PoE+ over Coax Adaptor Kit enables legacy coax cabling to be kept when converting an analog system to digital, and comprises AXIS T8641 PoE+ Over Coax Base and AXIS T8642 PoE+ over Coax Device. It delivers standard Power over Ethernet (PoE) and centrally-sourced power through existing coax cabling. Suitable for long-range installations, local power can be added to the device unit for maximum power efficiency. For ease of installation and guaranteed performance, the kit components feature an intuitive LED display that gives confirmation of network and power status through the cable.

- > No need for re-cabling, keep the coax
- > Single-channel solution
- > PoE and PoE+ over the coax cable
- > Ease of installation
- > Supports Axis network video products



AXIS T8640

Models	AXIS T8641 PoE+ over Coax Base Unit AXIS T8642 PoE+ over Coax Device Unit
Data & power	
Data rate	Coaxial cable: 100+100 Mbps symmetrical to full range Ethernet cable: 100 Base-TX Full Duplex
Connectors	Coaxial: BNC 75 Ohm Ethernet: Shielded RJ45, EIA 568A and 568B
Network cables	Coaxial: Any 75 Ohm coaxial (other impedances supported), to 500 m /1600 ft at full rate. See range table on www.axis.com . Ethernet: patch or crossover, auto-detected shielded category 5 (or higher)
Output	AXIS T8641: PoE over Coax with safe auto-detection and auto-cutout AXIS T8642: PoE (IEEE 802.3af/at) enabled to detected devices up to 25.5 W
Input	AXIS T8641: PoE (IEEE 802.3at Class 4 powered device) or DC power supply AXIS T8642: PoE over Coax or DC power supply DC Power supply: AXIS T8003 PS57 or 44–57 V DC Class 2 isolated supply (max. 0.7 amps) Device power: 1.5 W
Installation and management	Plug-and-play installation; automatically detects PoE and High PoE-enabled devices and supplies in-line power Local LED management display
General	
Casing	Plastic Color: white NCS S 1002-B
Display and indicators	LED indicators are located on the top panel and RJ45 connector Network indicators: Coax link, Ethernet link/activity x2 Power indicators: PoE over Coax, PoE to camera, maximum PoE power available for camera
Compliance	IEEE 802.3af, IEEE 802.3at, RoHS, WEEE, CE
Mounting	AXIS T8641: Wall, rack or Din Rail
Environment	Indoor
Operating conditions	-10 °C to 50 °C (14 °F to 122 °F) Humidity max. 95% RH (non-condensing)
Storage conditions	-40 °C to 74 °C (-40 °F to 165 °F)
Approvals	EN 55032 Class B, EN 55035, FCC Part 15 Subpart B Class B with FTP cabling, ICES-003 Class B, C-Tick AS/NZS CISPR32 Class B
Dimensions	104 x 54 x 24 mm (4.1 x 2.2 x 0.9 in)
Weight	AXIS T8641: 90 g (0.2 lb) AXIS T8642: 88 g (0.2 lb)
Warranty	5-year warranty, see axis.com/warranty