

AXIS T8645 PoE+ Over Coax Compact Kit

Compact, cost-efficient single-channel migration to IP

AXIS T8645 PoE+ over Coax Compact 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 T8643 PoE+ over Coax Compact. It delivers standard Power over Ethernet (PoE) and centrally-sourced power through existing coax cabling. The compact design allows for improved installation and cable management as it can easily be integrated in housings and back boxes. For ease of installation and guaranteed performance, the system components features intuitive LED displays 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**



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Models	AXIS T8641 PoE+ over Coax Base Unit AXIS T8643 PoE+ over Coax Compact Unit	Display and indicators	LED indicators are located on the top panel Network indicators: Coax link, Ethernet link/activity x2 Power indicators: PoE over Coax, PoE to camera, maximum PoE power available for camera
Data & power		Compliance	IEEE 802.3af, IEEE 802.3at, RoHS, WEEE, CE
Data rate	Coaxial cable: 100 + 100 Mbps symmetrical to full range	Mounting	AXIS T8641: Wall, Rack or Din Rail
Connectors	Coaxial: BNC 75 Ohm Ethernet: Shielded RJ45, EIA 568A and 568B	Operating conditions	-10 °C to 50 °C (14 °F to 122 °F) Humidity max. 85% RH (non-condensing)
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 .	Storage conditions	-40 °C to 70 °C (-40 °F to 158 °F)
Output	AXIS T8641: PoE over Coax with safe auto-detection and auto-cutout AXIS T8643: Power over Ethernet Plus (PoE+) IEEE 802.3at Type 2 Class 4 enabled to detected devices up to 25.5 W	Approvals	AXIS T8641: EN 55022 Class A, EN 55024, FCC Part 15 Subpart B Class B with FTP cabling, VCCI Class A ITE, C-Tick AS/NZS CISPR22, ICES-003, KCC KN-22 Class A KN-24 AXIS T8643: EN 55032 Class A, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, RCM AS/NZS CISPR 32 Class A, IEC/EN 60529 IP44
Input	AXIS T8641: PoE (IEEE 802.3at Class 4 powered device) or DC power supply DC Power supply: AXIS T8003 PS57 or 44–57 V DC Class 2 isolated supply (max. 0.7 amps) AXIS T8643: PoE over Coax Device power: 1.5 W	Dimensions	AXIS T8641: 104 x 54 x 24 mm (4.1 x 2.2 x 0.9 in) AXIS T8643: 84 x 61,5 x 23 mm (3.3 x 2.4 x 0.9 in)
Installation and management	Plug-and-play installation; automatically detects PoE and High PoE-enabled devices and supplies in-line power Local LED management display	Weight	AXIS T8641: 90 g (0.2 lb) AXIS T8643: 110 g (0.24 lb)
General		Warranty	Axis 3-year warranty and AXIS Extended Warranty option, see www.axis.com/warranty
Casing	Plastic Color: white NCS S 1002-B	Environmental responsibility: www.axis.com/environmental-responsibility	
Sustainability	PVC free		