AXIS T8640 PoE+ over Coax Adaptor Kit
Upgrade to IP but keep the coax

With AXIS T8640, legacy coax cabling can be kept when converting an analog system to digital. Ideal where coax cables are already present, very long or even inaccessible, since it delivers standard Power over Ethernet (PoE) and centrally-sourced power through existing cables. AXIS T8640 can be used in installations requiring PoE transmission over 100 m (328 ft). For ease of installation and guaranteed performance, AXIS T8640 features an intuitive LED display that gives confirmation of network and power status through the cable. AXIS T8640 comprises AXIS T8641 PoE+ over Coax Base Unit and AXIS T8642 PoE+ over Coax Device Unit.

> **Carries PoE and PoE+ over the Coax cable**

> **Reliable configuration**

> **One channel**

> **Ease of installation**

> **Supports Axis network video products**

AXIS T8640 PoE+ over Coax Adaptor Kit

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 Ethernet: patch or crossover, auto-detected shielded category 5 (or higher)
Max. output power	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 power	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

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	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 55022 Class B, EN 55022 Class A, EN 55024, FCC Part 15 Subpart B Class B with FTP cabling
Dimensions	104 x 54 x 24 mm (4.1 x 2.2 x 0.9 in)
Weight	140 g (0.3 lb)
Warranty	Axis 3-year warranty, see *www.axis.com/warranty*

Environmental responsibility:

www.axis.com/environmental–responsibility

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