

AXIS T8648 PoE+ over Coax Blade Compact Kit

Compact, cost-efficient multi-channel migration to IP

AXIS T8648 PoE+ over Coax Blade Kit allows efficient migration from analog to IP video surveillance systems using existing coax cabling. AXIS T8648 offers a complete kit containing one AXIS T8646 PoE+ over Coax Blade and six AXIS T8643 PoE+ over Coax Compact. The 6-channel, hot-swappable blade fits any Axis video encoder chassis offering high channel density. For improved installation and cable management, AXIS T8643 can easily be integrated in housings and back boxes. Both the device unit and the network camera can receive power over the coax cable using AXIS T8085 500 W or AXIS T8082 power supply.

- > **No need for re-cabling, keep the coax**
- > **Multi-channel solution**
- > **PoE and PoE+ over the coax cable**
- > **Supports Axis network video products**
- > **High channel density and fits Axis video encoder chassis**



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|------------------------------------|---|---|
| Models | 1x AXIS T8646 PoE+ over Coax Blade 6x AXIS T8643 PoE+ over Coax Compact | Color: white NCS S 1002-B |
| Data & power | | Sustainability AXIS T8643: PVC free |
| Data rate | Coaxial cable: 100 + 100Mbps symmetrical to full range | Display and indicators Green/Amber/Red power LED Green/Amber/Red coax link/activity LED, 1 per channel Green/Amber/Red PoE+ over coax LED, 1 per channel |
| Connectors | AXIS T8646: 6x BNC 75 Ohm coaxial connectors DC power input for optional PoE over Coax AXIS T8643: 1x BNC 75 Ohm coaxial connector, shielded RJ45, EIA 568A and 568B | Mounting AXIS T8646: Axis video encoder chassis only |
| Network cables | Any 75 Ohm coaxial (other impedances supported), to 500 m /1600 ft at full rate. See range table on axis.com | Operating conditions AXIS T8646: 0 °C to 45 °C (32 °F to 113 °F) Humidity 20-85% RH (non-condensing) AXIS T8643: -10 °C to 50 °C (14 °F to 122 °F) Humidity max 85% RH (non-condensing) |
| Output | AXIS T8646: 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 T8646: EN 55022 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/UL 60950-1 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 T8646: Powered by encoder chassis, DC input to enable PoE/PoE+ (needed to power camera) AXIS T8643: PoE over Coax Device power: 1.5 W | Weight AXIS T8646: 270 g (0.6 lb) AXIS T8643: 110 g (0.24 lb) |
| Installation and management | Plug-and-play installation, automatically detects PoE and PoE+ enabled devices and supplies in-line power Local LED management display on AXIS T8643, status LEDs on AXIS T8646 | Warranty 5-year warranty, see axis.com/warranty |
| General | | Environmental responsibility: axis.com/environmental-responsibility |
| Casing | AXIS T8643: Plastic | |