

## AXIS T8646 PoE+ over Coax Blade Kit

Multi-channel migration to IP. Keep the coax.

AXIS T8646 PoE+ over Coax Blade allows migration from analog to IP video surveillance systems using existing coax cabling. The 6-channel, hot-swappable blade fits any Axis' video encoder chassis offering high channel density. To complement the solution, AXIS T8642 PoE+ over Coax Device Unit is used on the camera side. A complete kit containing one AXIS T8646 PoE+ over Coax Blade and six AXIS T8642 PoE+ over Coax Device Units is available. Both the device unit and the network camera can receive power over the coax cable using AXIS T8085 500 W or AXIS T8082 2kW rack-mounted power supply.

- > No need for re-cabling, keep the coax
- > Fits Axis' video encoder chassis
- > Optional PoE and PoE+ over the coax cable
- > High channel density
- > Supports Axis' network cameras



## AXIS T8646 PoE+ over Coax Blade Kit

|                          |                                                                                                                                                                                                                                                                    |                                    |                                                                                                                                                                                 |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Models</b>            | 1x AXIS T8646 PoE+ over Coax Blade<br>6x AXIS T8642 PoE+ over Coax Devices                                                                                                                                                                                         | <b>Installation and management</b> | Plug-and-play installation; Automatically detects PoE and PoE+ enabled devices and supplies in-line power Local LED management display on AXIS T8642, status LEDs on AXIS T8646 |
| <b>Data &amp; power</b>  |                                                                                                                                                                                                                                                                    | <b>General</b>                     |                                                                                                                                                                                 |
| <b>Data rate</b>         | Coaxial cable: 100 + 100Mbps symmetrical to full range                                                                                                                                                                                                             | <b>Display and indicators</b>      | Green/Amber/Red power LED<br>Green/Amber/Red coax link/activity LED, 1 per channel<br>Green/Amber/Red PoE+ over coax LED, 1 per channel                                         |
| <b>Connectors</b>        | 6 BNC 75 Ohm coaxial connectors<br>DC power input for optional PoE over Coax<br><b>AXIS T8642:</b> BNC 75 Ohm coaxial connector, Shielded RJ45, EIA 568A and 568B                                                                                                  | <b>Mounting</b>                    | Axis' video encoder chassis only                                                                                                                                                |
| <b>Network cables</b>    | Any 75 Ohm coaxial (other impedances supported), to 500 m /1600 ft at full rate, see range table.                                                                                                                                                                  | <b>Environment</b>                 | Indoor                                                                                                                                                                          |
| <b>Max. output power</b> | <b>AXIS T8646:</b> Power over Ethernet Plus (PoE+)<br>IEEE 802.3at Type 2 Class 4 over Coax with safe auto-detection and auto-cutout<br><b>AXIS T8642:</b> Power over Ethernet Plus (PoE+)<br>IEEE 802.3at Type 2 Class 4 enabled to detected devices up to 25.5 W | <b>Operating conditions</b>        | 0 °C to 45 °C (32 °F to 113 °F)<br>Humidity 20-85% RH (non-condensing)                                                                                                          |
| <b>Input power</b>       | <b>AXIS T8646:</b> Powered by encoder chassis, optional DC input to enable PoE+ over coax<br><b>AXIS T8642:</b> Power over Ethernet Plus (PoE+)<br>IEEE 802.3at Type 2 Class 4 over Coax or DC power                                                               | <b>Approvals</b>                   | EN 55022 Class A, EN 55024, FCC Part 15 Subpart B Class A, ICES-003 Class A, VCCI Class A, C-tick AS/NZS CISPR 22 Class A, IEC/EN/UL 60950-1                                    |
|                          |                                                                                                                                                                                                                                                                    | <b>Weight</b>                      | 270 g (0.6 lb)                                                                                                                                                                  |
|                          |                                                                                                                                                                                                                                                                    | <b>Warranty</b>                    | <b>AXIS T8646 Kit:</b> Axis 3-year warranty<br>For more information, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>                                       |

Environmental responsibility:

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