

# 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 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 Green/Amber/Red coax link/activity LED, 1 per channel Green/Amber/Red PoE+ over coax LED, 1 per channel
<b>Connectors</b>	6 BNC 75 Ohm coaxial connectors DC power input for optional PoE over Coax <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+) IEEE 802.3at Type 2 Class 4 over Coax with safe auto-detection and auto-cutout <b>AXIS T8642:</b> Power over Ethernet Plus (PoE+) 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) 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 <b>AXIS T8642:</b> Power over Ethernet Plus (PoE+) 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 For more information, see <a href="http://www.axis.com/warranty">www.axis.com/warranty</a>

Environmental responsibility:

[www.axis.com/environmental-responsibility](http://www.axis.com/environmental-responsibility)