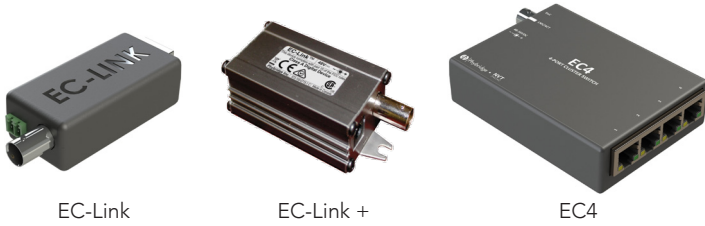


IP MIGRATION MADE SIMPLE

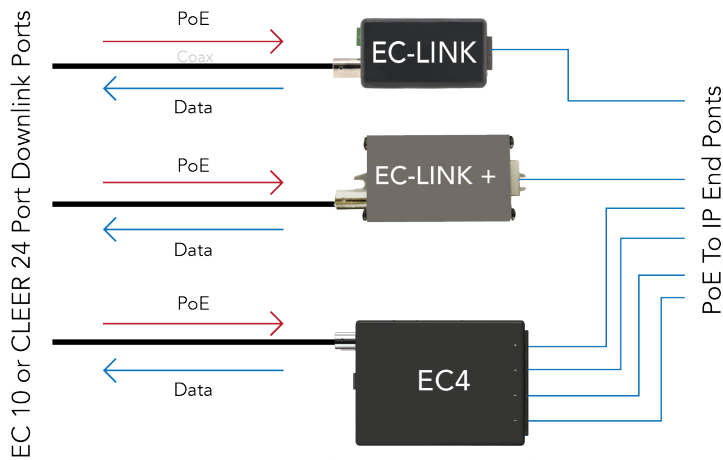
NVT PHYBRIDGE COAX MEDIA CONVERTERS DATA SHEET



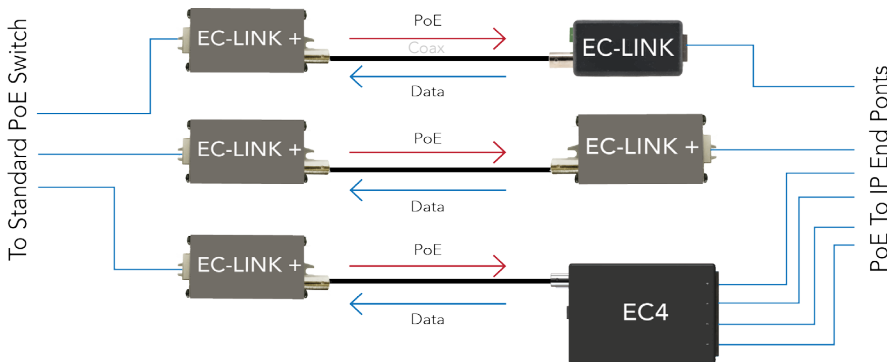
The EC-Link, EC-Link+ and EC4 media converters support the IP end points leveraging the CLEER or EC10 switches. In addition, the EC-Link or EC-Link+ can be easily converted to become Ethernet over Coax extenders, with an EC-Link+ at the base unit and an additional media converter - either another EC-Link or EC4 - at the other end.

If required, the media converters can be locally powered to deliver additional power to the IEEE compliant IP end point.

EC-Link, EC-Link+ and EC4 Connected to the EC10 or CLEER 24 Switch



EC-Link, EC-Link+ and EC4 as Ethernet over Coax Extenders



Media Converters

At-a-Glance

The EC-Link, EC-Link+ and EC4 are energy-efficient media converters for the CLEER and EC10 switches.

In addition, the EC-Link and EC-Link+ can be easily converted to become Ethernet over Coax extenders.

Advantages

- Quick, easy and cost effective IP migration
- Energy efficient, consuming less than one watt of power per EC-Link
- EC-Link and EC-Link+ can function as single-channel ethernet extenders by pairing them with another EC-Link, EC-Link+ or EC4 unit.

Member of CHARIoT Series of Long Reach PoE Switches



EC-Link Media Converter Technical Specifications

Model	NV-LNK-02
Dimensions	<ul style="list-style-type: none"> 0.83" x 1.23" x 3.46" (HxWxD) 2.1cm x 3.2cm x 8.8cm (HxWxD)
Weight	1.48 oz (42 g)
Mounting	<ul style="list-style-type: none"> Inline between the CAT5e/6 cable (to IP endpoint) and the coax cable (to CLEER/EC Switch) Inline between the CAT5e/6 cable (to IP endpoint) and the coax cable (to a second EC-Link when used as an Extender)
Coax Interface	1 BNC port: coax cable – RG59, RG6, RG11

Ethernet Interface	1 x RJ45 port: 10/100 Base-T autosensing, IEEE 802.3af/at, 100 Mb connection to IP end device
DC IN (Screw Terminal)	Optional: 48VDC – 56VDC via an external AC/DC Power Adapter (IEC Class II isolated only)
Power Consumption	0.9W
Power Injection (PoE)	DC voltage on RJ45 port (37-56V); Endpoint devices must be compliant with IEEE 802.3af/at
Operating Temperature	-58°F to 158°F (-50°C to 70°C)
Humidity	10% to 95% (non-condensing) at 95°F (35°C)

Specifications subject to change without notice.

EC-Link + Media Converter Technical Specifications

Model	NV-LNK-PLUS
Dimensions	<ul style="list-style-type: none"> 0.9" x 1.41" x 3.38" (HxWxD) 2.3cm x 3.6cm x 8.6cm (HxWxD)
Weight	1.9 oz (54 g)
Mounting	Inline mounting brackets provided
Coax Interface	1 BNC port: coax cable – RG59, RG6, RG11
Ethernet Interface	1 x RJ45 port: 10/100 Base-T autosensing, IEEE 802.3af/at, 100 Mb connection to IP end device
DC IN (Screw Terminal)	Optional: 48VDC – 56VDC via an external AC/DC Power Adapter (IEC Class II isolated only)

Power Consumption	1 watt
Power Injection (PoE)	<p>IEEE 802.3af/at compliant, power provided on all pairs and can be switched off. Up to 30W if powered from switch. Rated to support up to 50W if used with external power supply or EC-Link+ extender.</p> <p>Note if power being demanded by end point is greater than 50W, the EC Link plus will not limit the power to 50W but the longevity and performance of the EC Link plus adapter will be impacted due to out-of-spec operation. Not recommended to exceed the 50 watt limit.</p>
Operating Temperature	-58°F to 158°F (-50°C to 70°C)
Humidity	10% to 95% (non-condensing) at 95°F (35°C)

Specifications subject to change without notice.

EC4 Media Converter Technical Specifications

Model	NV-EC4
Dimensions	<ul style="list-style-type: none"> 0.98" x 2.75" x 4.3" (HxWxD) 2.5cm x 7cm x 11cm (HxWxD)
Weight	3.3 oz (96 g)
Mounting	<ul style="list-style-type: none"> Inline between the CAT5e/6 cable (to IP endpoints) and the coax cable (to CLEER/EC Switch) Inline between the CAT5e/6 cable (to IP endpoints) and the coax cable (to a second EC-Link when used as an Extender)
Coax Interface	1 BNC port: coax cable – RG59, RG6, RG11

Ethernet Interface	4 x RJ45 port: 10/100 Base-T autosensing, IEEE 802.3af/at, 100 Mb connection to IP end device
DC IN	Optional: 48VDC – 56VDC via an external AC/DC Power Adapter (IEC Class II isolated only)
Power Consumption	1W
Power Injection (PoE)	DC voltage on RJ45 port (37-56V); Endpoint devices must be compliant with IEEE 802.3af/at
Operating Temperature	32°F to 158°F (0°C to 70°C)
Humidity	10% to 95% (non-condensing) at 95°F (35°C)

Specifications subject to change without notice.