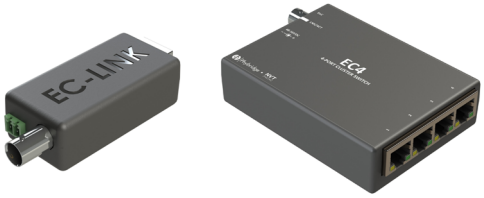
IP MIGRATION MADE SIMPLE

NVT PHYBRIDGE

COAX MEDIA CONVERTERS

DATA SHEET

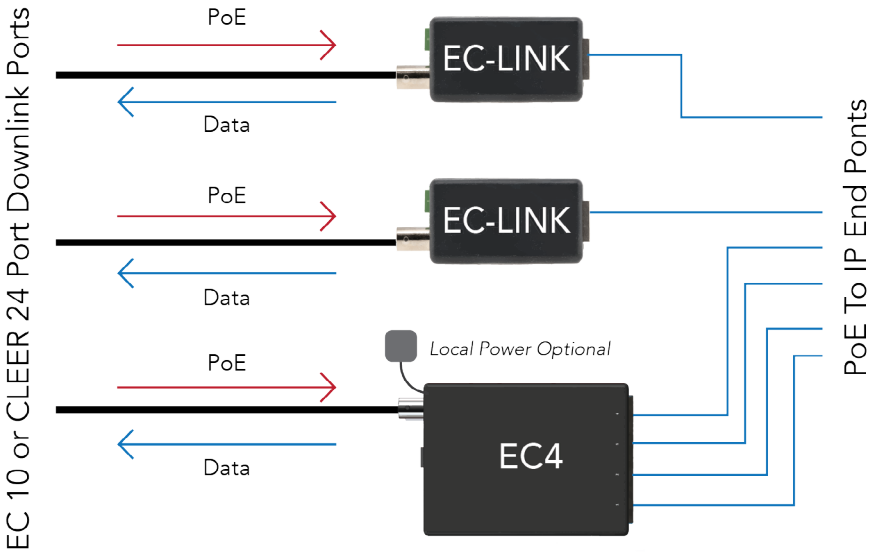


EC-Link EC4

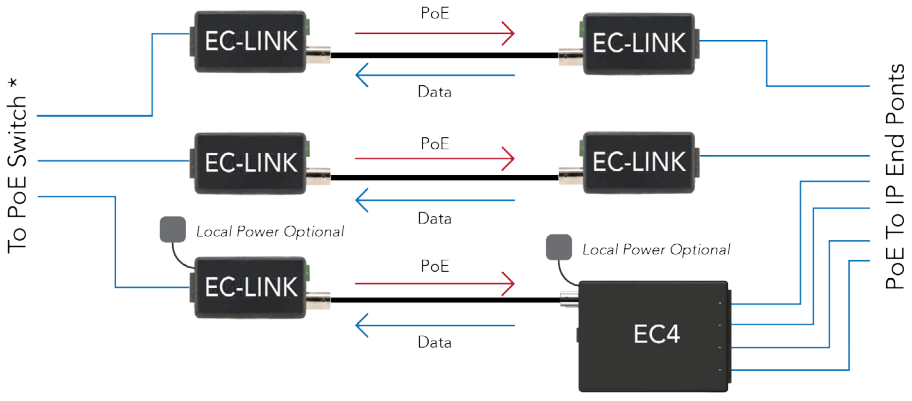
The EC-Link and EC4 media converters support the IP end points leveraging the CLEER or EC10 switches. In addition, the EC-Link can be easily converted to become an Ethernet extender, with an at the base unit and an additional media converter - either another EC-Link or EC4 - at the other end.

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

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



EC-Link and EC4 as an Ethernet Extenders



Media Converters

At-a-Glance

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

In addition, the EC-Link can be easily converted to become an Ethernet extender.

Advantages

- Quick, easy and cost effective IP migration
- Energy efficient, consuming less than one watt of power per EC-Link
- EC-Link can become Ethernet extenders and paired with another media converter (EC-Link or EC4) to create a single run solution

Member of CHARIoT Series of Long Reach PoE Switches

CHARIOT
by NVT Phybridge

NVT PHYBRIDGE

COAX MEDIA CONVERTERS

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EC-Link Media Converter Technical Specifcations

Model	NV-LNK-02
Dimensions	• 2.1cm x 3.2cm x 8.8cm (HxWxD) • 0.83" x 1.23" x 3.46" (HxWxD)
Weight	42 g (1.48 oz)
Mounting	• 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	-50°C to 70°C (-58°F to 158°F)
Humidity	10% to 95% (non-condensing) at 35°C (95°F)

Specifications subject to change without notice.

EC4 Media Converter Technical Specifcations

Model	NV-EC4
Dimensions	• 2.5cm x 7cm x 11cm (HxWxD) • 0.98" x 2.75" x 4.3" (HxWxD)
Weight	96 g (3.3 oz)
Mounting	• 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	0°C to 70°C (32°F to 158°F)
Humidity	10% to 95% (non-condensing) at 35°C (95°F)

Specifications subject to change without notice.