

eBridge8E

8-Port Managed EoC Receiver with Integral PoE Switch



eBridge8E

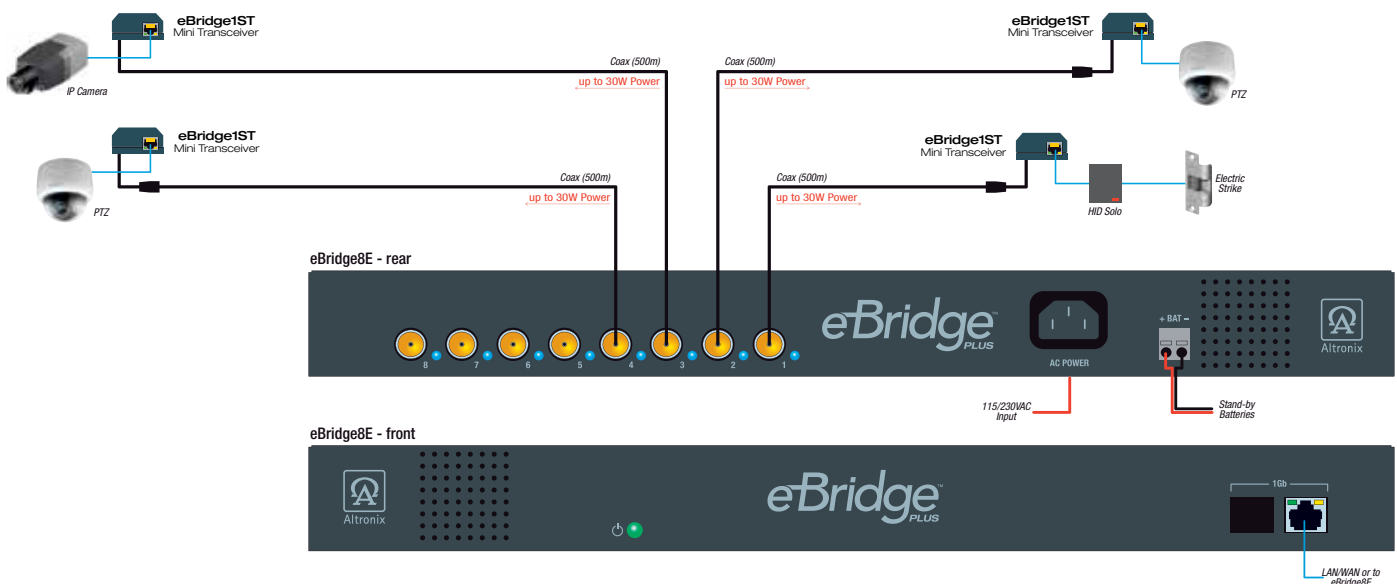
Description

Altronix eBridge8E is an all-in-one head-end solution for upgrading coax to IP that combines a PoE+ Switch and EoC Receiver into a single integrated unit for upgrading existing coax infrastructure and deploying the latest IP devices. This 8-Port Managed EoC Receiver with Integral PoE+ Switch provides 30W full power per port (240W max). Features also include an integral battery charger for applications requiring backup and embedded LINQ™ Technology to monitor, control, and report power and diagnostics from anywhere.

Features

- 8 ports provide 30W full power per port.
- 240W total power.
- IEEE 802.3at (30W), IEEE 802.3af (15.4W).
- 1Gb uplink (10/100/1000 Mbps).
- Each port rated at 25Mbps at distances up to 500m.
- Built-in IP management allows for remote camera reset and monitoring.
- Email and Windows Dashboard Alert notifications report real-time diagnostics.
- Eliminates the costs and labor associated with installing new network cabling.
- Retrofit digital IP cameras in an analog CCTV installation.
- Works with Megapixel, HD720, HD1080 & VGA (SD) cameras.
- Extends Network link distance in an industrial environment.
- Upgrades deployed CCTV Coax to a digital network for Retail, Casinos, Airports, Schools, Hospitals, etc.
- Built-in battery charger.
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

Typical Application



eBridge8E

8-Port Managed EoC Receiver with Integral PoE Switch

Specifications

Input

Voltage	115VAC, 60Hz, 3A or 230VAC, 50/60Hz, 1.6A.
Fusing	6.3A/250V.

Power Output

8-ports maximum power: 30W full power per port (PoE+).
240W total power.
Generates PoE/PoE+ up the coax to eBridge transceiver.

Ethernet over Coax

Speed: 10/100BaseT, half/full duplex, auto negotiation.
Each port rated at 25Mbps at distances up to 500m.
With proper headend equipment multiple Megapixel cameras can be used.

Ethernet Uplink

1Gb uplink (10/100/1000 Mbps)
Connectivity: RJ45, auto-cross-over.
Wire type: 4-pair CAT5 or better structured cable.
Distance: up to 100m.

Back-up Battery

Capacity	Four (4) 7AH / 12VDC batteries (not included) <i>(requires separate RE2 rack battery enclosure).</i>
Type	Sealed lead acid or gel type.
Fuse Rating	6.3A/250V.
Failover	Upon AC loss, automatic.

Indicators (LED)

Input	115VAC or 230VAC is present.
Coax Link	Connected.
RJ45	IP Link status, 10/100Base-T/active.

Agency Listings

UL/cUL	UL60950-1 (Information Technology Equipment).
CE	European Conformity.

Physical and Environmental

Dimensions (H x W x D)

1.625" x 19.125" x 8.5" (42mm x 486mm x 216mm).

Weight (approx.)

Product Weight	6.0 lbs. (2.72 kg).
Shipping Weight	8.0 lbs. (3.63 kg).

Temperature

Operating	-10°C to 50°C (14°F to 122°F).
Storage	-30°C to 70°C (-22°F to 158°F).

Relative Humidity: 85% +/-5%.

Operating Altitude: -304.8 to 2,000m.

Compatible Transceivers:



eBridge1PCTX

eBridge1PCTX - Ethernet over Coax Transceiver

Transmits IP video/data over coax up to 500m @ 25Mbps.
Supports PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at).
UL/cUL Listed (UL60950-1). CE and C-Tick Approved.



eBridge1ST

eBridge1ST - Ethernet over Coax Mini Transceiver

Transmits IP video/data over coax up to 500m @ 25Mbps.
Supports PoE (IEEE 802.3af) or PoE+ (IEEE 802.3at).
UL/cUL Listed (UL60950-1). CE and C-Tick Approved.