

eBridge8E

8 Port PoE/PoE+ EoC Transceiver Switch



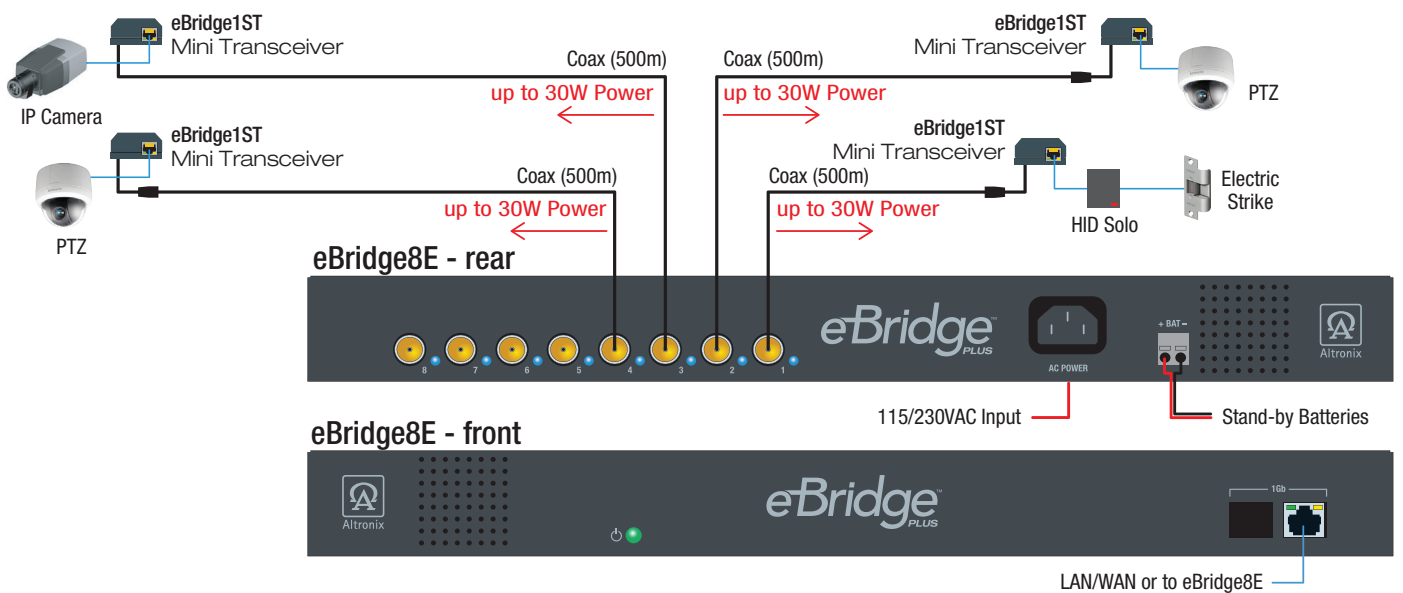
Altronix eBridge8E is an all-in-one head-end solution for upgrading coax to IP that combines a PoE+ Switch and EoC Receiver into a single integrated unit for upgrading existing coax infrastructure and deploying the latest IP devices. This 8-Port Managed EoC Receiver with Integral PoE+ Switch provides 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.



Key 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 European Conformity
- Lifetime Warranty

Typical Operation Diagram



Lifetime Warranty

eBridge8E

8 Port PoE/PoE+ EoC Transceiver 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-crossover
Wire type: 4-pair CAT5 or better structured cable
Distance: up to 100m

Back-up Battery

Capacity Four (4) 7AH/12VDC batteries (not included)
(requires separate RE2 rack battery enclosure)
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 (W x L x H)

Enclosure:
1.625" x 19.125" x 8.5" (42mm x 486mm x 216mm)
Shipping:
20.25" x 12.5" x 5.5" (514.4mm x 317.5mm x 139.7mm)

Weight (approx.)

Product: 6.0 lb. (2.72 kg)
Shipping: 8.0 lb. (3.63 kg)

Temperature

Operating (60W): -10°C to 50°C (14°F to 122°F)
Storage: -30°C to 70°C (-22° 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.

Lifetime Warranty