



## 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-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 (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.