

eBridge100SPR

IP and PoE/PoE+ over Coax Receiver

Description

Altronix eBridge100SPR passes data and sends power over the coax to the compatible Altronix transceiver. Data transmission and power over the Coax is possible up to 300m. Maximum range from headend to the PoE camera/device is 500m, taking into consideration that up to 100m of structured cable may be deployed at each end. Built in IP management allows for remote camera reset, monitoring, and reporting via various IP protocols.



eBridge100SPR

Key Features

- Up to 60W total power.
- Transmits 100Mbps up to 300m via Coax.
- Eliminates the costs and labor associated with installing new network cabling.
- Retrofit digital IP cameras in an analog CCTV installation.
- Auto detection and protection of legacy non-PoE cameras/devices.
- 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.
- UL Listed in the U.S. and Canada.
- CE Approved.
- Lifetime Warranty / Made in the U.S.A.

Compatible Transceivers:



eBridge200WPM

eBridge200WPM

Outdoor Managed Two Port Transceiver

Transmits data at 100Mbps and provides power in a PoE/PoE+ or Hi-PoE (60W) compliant format. UL/cUL Listed (UL60950-1). CE Approved.



eBridge4SPT

eBridge4SPT

4 Port PoE/PoE+ EoC Transceiver Switch

Transmits data at 100Mbps and provides power in a PoE/PoE+ compliant format. UL/cUL Listed (UL60950-1). CE and C-Tick Approved.

eBridge100SPR IP and PoE/PoE+ over Coax Receiver

Specifications

Input

51-56VDC/60W max. power.

Power Output

Total output power 60W.

Coax

Throughput rated at 100Mbps at distances up to 300m.

Speed: 10/100BaseT, half/full duplex, auto negotiation.

Connectivity: BNC, RG-59/U or similar.

Ethernet

Throughput rated at 100Mbps at distances up to 500m.

Speed: 10/100BaseT, half/full duplex, auto negotiation.

Connectivity: RJ45, auto crossover

Indicators (LED)

Yellow and Green LED (by RJ45 jack):
IP Link status, 10/100Base-T/active.

Green LED: Power.

Blue LED: Coax Link Connection.

Agency Listings

UL/cUL	UL 60950-1 (Information Technology Equipment).
CE	European Conformity.

Physical and Environmental

Dimensions (W x L x H)

3.5" x 4.375" x 1" (88.9mm x 111.1mm x 25.4mm).

Weight (approx.)

Product Weight 0.25 lbs. (0.11 kg).

Shipping Weight 0.4 lbs. (0.18 kg).

Temperature

Operating -20°C to 50°C (-4°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 (-1000 to 6,562 ft.).