# eBridge4SPT
## 4 Port PoE/PoE+ EoC Transceiver Switch

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### Description

Altronix eBridge4SPT 4-Port PoE/PoE+ Transceiver Switch is designed for use with eBridge100SPR (included in eBridge4SK Kit) to deliver data and power over coax cable. eBridge4SPT allows to upgrade existing infrastructure by replacing a single analog device with up to four (4) PoE/PoE+ devices. Data transmission and power over the Coax is possible up to 300m. Maximum range from headend to the PoE camera/device is 600m, taking into consideration that up to 100m of structured cable may be deployed at each end. eBridge4SPT enables cost-effective system upgrades and eliminates the costs and labor associated with installing new network cabling.

### Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W).
- Throughput is rated to pass 100Mbps at distances up to 300m.
- 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, and HD1080 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.
- C-Tick compliant.
- Lifetime Warranty / Made in the U.S.A.

### Compatible Receiver:

eBridge100SPR

eBridge100SPR
Single Port Ethernet Receiver
Transmits IP video/data over coax up to 300m @ 100Mbps.
Supports PoE (IEEE 802.3af) and PoE+ (IEEE 802.3at).
UL/cUL Listed (UL60950-1). CE and C-Tick Approved.

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## Specifications

### Input
Powered by eBridge100SPR.

### Power Output
Four (4) PoE/PoE+ compliant ports.
Maximal total output is 60W when powered by eBridge100SPR.

### Ethernet
Four (4) ports.
Connectivity: RJ45, auto-crossover.
Wire type: 4-pair CAT5 or better structured cable.
Distance: up to 100m.

### Coax
Throughput is rated to pass 100Mbps of data at distances up to 300m.
With proper headend equipment multiple Megapixel cameras can be used.
Speed: 10/100BaseT, half/full duplex, auto negotiation.
Connectivity: BNC, RG-59/U or similar.

### Indicators (LED)
Blue LED: Coax link connection.
Yellow and Green LED (by RJ45 jack): IP Link status, 10/100Base-T/active.

### Agency Listings
UL/cUL: UL 60950-1 (Information Technology Equipment).
CE: European Conformity.
C-Tick compliant.

### Physical and Environmental
Dimensions (H x W x D)
1.75” x 5.25” x 9.25” (44.5mm x 133.4mm x 235mm).
Weight (approx.)
Product Weight: 2.9 lbs. (1.32 kg).
Shipping Weight: 3.9 lbs. (1.77 kg).
Temperature
Operating (60W): -40ºC to 75ºC (-40ºF to 167ºF).
Storage: -40ºC to 75ºC (-40ºF to 167ºF).
Relative Humidity: 85% +/-5%.
Operating Altitude: -304.8 to 2,000m.

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