

# eBridge4SPT

## 4 Port PoE/PoE+ EoC Transceiver Switch



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.



eBridge4SPT

### 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 European Conformity
- C-Tick compliant
- Lifetime Warranty

### 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.

### Lifetime Warranty



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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) -40°C to 75°C (-40°F to 167°F)  
Storage -40°C to 75°C (-40°F to 167°F)  
Relative Humidity 85% +/-5%  
Operating Altitude: -304.8 to 2,000m

### Lifetime Warranty