

eBridge4SK

EoC Receiver and PoE/PoE+ EoC Transceiver Switch (Kit)



Altronix eBridge4SK kit consists of eBridge100SPR and eBridge4SPT Coax to CAT-5 Ethernet adapters/media converters that deliver data and power over coax cable. The paired set enables fast 10/100 Base-T Ethernet digital communication. eBridge4SPT allows to upgrade the existing infrastructure by replacing a single analog device with up to four (4) PoE/PoE+ devices. eBridge100SPR passes data and sends power over the coax to the eBridge4SPT. Data transmission and power over the Coax are 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. eBridge4SK enables cost-effective system upgrades and eliminates the costs and labor associated with installing new network cabling.

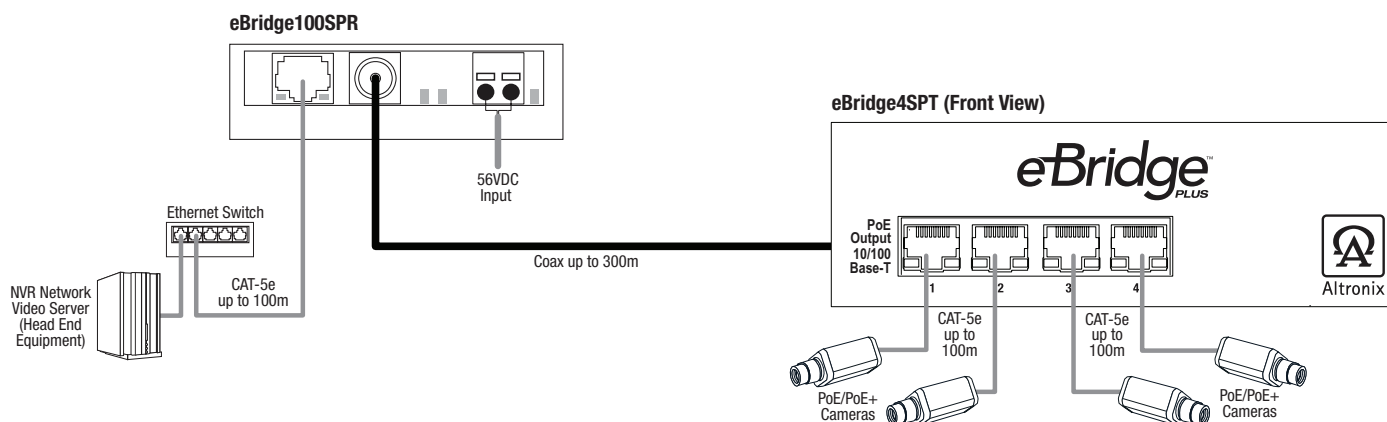


eBridge4SPT
and eBridge100SPR

Key Features

- IEEE 802.3af (15W) and IEEE 802.3at (30W) compliant
- 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

Typical Application



Lifetime Warranty

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Specifications**Input**

eBridge100SPR:	51-56VDC/60W max. power
eBridge4SPT:	powered by eBridge1SPR

Power Output

Four (4) PoE/PoE+ compliant ports. Maximal total output is 60W.

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
eBridge100SPR only:
Green LED: Power

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)**

eBridge100SPR:	4.375" x 3.5" x 1" (111.1mm x 88.9mm x 25.4mm)
eBridge4SPT:	1.75" x 5.25" x 9.25" (44.5mm x 133.4mm x 235mm)

Weight (approx.)

Product Weight	3.1 lbs. (1.4 kg)
Shipping Weight	3.9 lbs. (1.77 kg)

Temperature**Operating:**

eBridge100SPR:	-40°C to 60°C (-40°F to 140°F)
eBridge4SPT (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