



eBridge1SPR



Overview

The eBridge1SPR - Ethernet over Coax receiver is designed for use with eBridge4SPT to deliver data and power over coax cable. Data transmission and power over the Coax is possible up to 457m. Maximum range from head end to the PoE/PoE+ camera/device is 610m taking into consideration that up to 100m of structured cable may be deployed at each end. This plug and play unit enables cost-effective system upgrades and eliminates the costs and labor associated with installing new network cabling.

Specifications

Input:

- 56VDC UL Listed power supply (polarity observed).

Power Output:

- Total output power: up to 95W
(depending on 56VDC power source).

Ethernet:

- Connectivity: RJ45, auto-crossover.
- Wire type: 4-pair Cat-5 or better structured cable.
- Distance: up to 100m.
- Speed: 10/100BaseT, half/full duplex, auto negotiation.

Coax:

- Distance: up to 457m.
- Connectivity: BNC, RG-59/U or similar.
- Throughput is rated to pass 25mbps of data at distances up to 457m with proper headend equipment which supports Megapixel, HD720, HD1080.

LED Indicators:

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

Environmental:

- Operating Temperature: -4°F to 140°F (-20°C to +60°C).

Environmental (cont'd):

- Storage Temperature: -4° to 158°F (-20° to 70°C).
- Relative humidity: 85%, +/-5%, non-condensing.
- Operating Altitude: -1000 to 6,561.679 ft. (-304.8 to 2000m).

Applications:

- Retrofit digital IP cameras in an analog CCTV installation (up to four (4) IP cameras expansion per analog camera).
- Works with Megapixel, HD720, HD1080 and VGA (SD) cameras.
- Extend Network link distance in an industrial environment.
- Upgrade deployed CCTV Coax to a digital network in Retail, Hospitality, Arenas, Casinos, Airports, Schools, Hospitals, Transportation, etc.

Mechanical:

- Lightweight molded compact insulated housing.
- Dimensions (H x W x D approx.): 4.375" x 3.5" x 1" (111.125mm x 88.89mm x 25.4mm)
- Product weight: 0.3 lbs. (0.144 kg).
- Shipping weight : 0.5 lbs. (0.22 kg).

Agency Approvals



UL/CUL Listed for Information Technology Equipment (UL 60950-1).



European Conformity



C-Tick Compliant - Z1409