

Ethernet over Coax (EoC) Transceiver with PoE and PoC

FEATURES:

- ◆ Transmits up to distances of 1640ft (500m)
- ◆ Supports mega-pixel technology
- ◆ Supports PoE 802.3af (15.4W) and Power Over Coax PoC
- ◆ Supports any network device including IP cameras
- ◆ Supports 10/100 over RG59 cables
- ◆ Easy installation
- ◆ LED indicators for link status and power
- ◆ **Receiver compatible to directly interface with the Sony SLOC cameras**

SPECIFICATIONS:

Ethernet:

Speed.....10/100 Base-TX
 PoE.....802.3af (15.4 Watts)
 Connector RJ45
 Cable Type 10 BaseT : Cat 3,4,5
 100BaseTX : Cat5 or above
 Max Distance (Cat5) 328ft (100 m)

Coax Building Wiring Interface:

Impedance75Ω
 Connector.....BNC
 Distance(RG-59/U)
 -Switch Selectable1000ft/ 300m
 /1640ft (500m)

Downstream Data Rate

-Up to 1000 ft.....36 Mbps
 -Up to 1640 ft.....21 Mbps

Upstream Data Rate

-Up to 1000 ft.....11 Mbps
 -Up to 1640 ft..... 3 Mbps

Power:

Voltage..... 48 VDC
 Power (without PoE load) 3 W
 Power (with PoE load) 24 W
 Connector2 Pin Terminal Block

Power Supply:

PS-4860B (ordered separately)...48VDC / 60W

Environmental:

Operating Temp-10 °C to 60 °C
 Storage Temp-40 °C to 85 °C
 Humidity 0 % to 90 %
 MTBF.....>100,000 hr

Size:

Module.....4.6" x 1.3" x .97"

ORDERING INFORMATION:

SLCT-1-PoE EoC Transmitter
 SLCR-1-PoE EoC Receiver
 PS-4860B PoE Power Supply



The American Fibertek Series SLC-1-PoE EoC solution allows for the utilization of existing coax cable infrastructure to transmit bi-directional data from IP cameras and other network devices. The AFI Series SLCR-1-PoE receiver power supply provides Power Over the Coax (PoC) to power the SLCT-1-PoE transmitter which also provides PoE to the IP camera. The PoE power supply is ordered separately.

The AFI Series SLC-1-PoE link is a system containing a transmitter and a receiver that requires very little installation and no set up or configuration. The system can quickly turn any ordinary RG59 coax cable into an IP network communication path.

The units packaging are constructed of black anodized aluminum with corrosion resistant finish. LED indicators show the status and activity of network communications.

The AFI Series SLC-1-PoE system is designed to be completely transparent to the network. Simply connect your network devices to the networking ports on the transmitter and receiver and, using with existing coaxial cable infrastructure, the system begins communicating.

Rack mount chassis for mounting multiple modules is available.

