

Ethernet over Coax (EoC) Transceiver

FEATURES:

- ◆ Transmit distances of 1000ft (300m)
- ◆ Supports mega-pixel technology
- ◆ Fully transparent to the network
- ◆ 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
 Connector..... RJ45
 Cable Type 10 BaseT : Cat 3,4,5
 100BaseTX : Cat5 or above
 Max Distance (Cat5)..... 328ft (100 m)

Coax Building Wiring Interface:

Impedance.....75
 Connector.....BNC
 Distance(RG-59/U).....1000ft (300m)
 Downstream Data Rate.....20 Mbps
 Upstream Data Rate.....3 Mbps

Power:

Voltage..... 12 VDC
 Current..... 200 mA
 Connector 2 Pin Terminal Block

Power Supply:

Module:.....12VDC / 200mA

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.....4.0" x 1.4" x .97"
 (101 x 36.2 x 24.5mm)

ORDERING INFORMATION:

SLCT-1 EoC Transmitter
 SLCR-1 EoC Receiver



The American Fibertek Series SLC-1 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 SLC-1 is ideal for retrofitting existing installations from Analog Cameras to IP-based megapixel cameras.

The AFI Series SLC-1 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 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.

The AFI Series SLC-1 also extends network communications to overcome the Cat-5 network cable distance limitations of 100 meters.

Rack mount chassis for mounting multiple modules is available.

