

## Ethernet over Coax (EoC) 4 Port Receiver with PoE+ and PoC

### FEATURES:

- ◆ Transmits up to distances of 3280ft (1km)
- ◆ Supports mega-pixel technology
- ◆ Supports PoE 802.3af & 802.3at & Power Over Coax PoC
- ◆ Connects up to 4 ECT-1-PoE+ units and IP cameras
- ◆ Supports 10/100 over RG59 cables
- ◆ Easy installation
- ◆ LED indicators for link status and power

### SPECIFICATIONS:

#### Ethernet:

Speed..... 10/100/1000Base-T  
 PoE ..... 802.3af (15.4 Watts)  
 PoE ..... 802.3at (30 Watts)  
 Connector ..... RJ45  
 Cable Type..... Cat5 or above  
 Max Distance (Cat5) ..... 328ft (100 m)

#### Coax Interface:

Impedance ..... 75Ω  
 Connector ..... (4) BNC  
 Distance(RG-59/U) ..... .2625ft/(800m)  
 Downstream Data Rate..... 40 Mbps  
 Upstream Data Rate ..... 10 Mbps

#### Power:

Voltage ..... 48 VDC  
 Power (without PoE/PoC load) ..... 10 W  
 Power (with PoE/PoC load) ..... 250max W  
 Connector ..... 2 Pin Terminal Block

#### Power Supply: Ordered Separately

Supports up to (4) 802.3af (15W max cameras)  
 PS-48120D.....48VDC/120W  
 Supports up to (4) 802.3at (30W max cameras)  
 PS-48240D.....48VDC/240W

#### Environmental:

Operating Temp .....-10 °C to 60 °C  
 Storage Temp .....-40 °C to 85 °C  
 Humidity ..... 5 % to 95 %  
 MTBF .....>100,000 hr

#### Size:

Module .....6.2" x4.7" x 1.2"  
 156 x 120 x 31 mm

#### ORDERING INFORMATION:

ECT-1-PoE+	EoC Transmitter
ECR-4-PoE+	EoC Receiver
PS-48120D	120W PoE Power Supply
PS-48240D	240W PoE Power Supply



The American Fibertek Series ECR-4-PoE+ solution allows for the utilization of existing coax cable infrastructure to support bi-directional data from 4 ECT-1-P transmitters and IP cameras or other network devices. The AFI Series ECR-4-PoE+ receiver provides power supply Power Over the Coax (PoC) to power 4 EC-1-PoE+ transmitters which also provides PoE+ to the IP cameras. The PoE power supply is ordered separately.

The AFI Series ECR-4-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/U 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 ECR-4-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.

