

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" x 4.7" 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 power supply provides 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.

