

Ethernet over Coax (EoC) Transmitter and 4 Ports 10/100 Base-TX with PoE+

FEATURES:

- ◆ Transmits up to distances of 2600ft (800m) on RG-59/U
- ◆ Supports mega-pixel technology
- ◆ Supports PoE 802.3af & 802.3at
- ◆ Connects up to 4 IP cameras
- ◆ Supports 10/100 over RG59 cables
- ◆ Easy installation
- ◆ LED indicators for link status and power

SPECIFICATIONS:

Ethernet:

Speed..... 10/100 Base-TX
PoE 802.3af (15.4 Watts)
PoE 802.3at (30 Watts)
Connector.....(4) RJ45
Cable Type..... Cat5 or above
Max Distance (Cat5)..... 328ft (100 m)

Coax Interface:

Impedance......75
Connector..... BNC
Distance(RG-59/U)2625ft/(800m)
Downstream Data Rate......25 Mbps per port
Upstream Data Rate......25 Mbps per port

Power:

Voltage..... 48 VDC
Power (without PoE load) 10 W
Power (with PoE load) 144max 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:

Module6.2" x 4.7" x 1.2"
156 x 120 x 31 mm

ORDERING INFORMATION:

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



The American Fibertek Series ECT-4-PoE+ transmitter solution allows for the utilization of existing coax cable infrastructure to support bi-directional data from ECR-X-PoE receivers. Up to 4 IP cameras or other network devices may be connected and consolidated onto 1 coax interface. The power supply provides PoE or PoE+ power for up to 4 IP cameras. The PoE power supply is ordered separately.

The AFI Series ECT-4-PoE+ and compatible ECR-X-PoE+ receivers provide a coaxial link supporting the Ethernet transmission of up to 4 IP devices onto a single coax cable. 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 ECT-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.

