

10/100Base-TX (PoE+) Ethernet over UTP Extenders with PoU(UTP)

FEATURES:

- ◆ Transmits up to distances of 1968ft (600m)
- ◆ Supports mega-pixel technology
- ◆ Supports PoE 802.3af & 802.3at
- ◆ Supports any network device including IP cameras
- ◆ Supports 10/100 over UTP 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	RJ45
Cable Type	Cat5 or above
Max Distance (Cat5)	(100 m)

UTP Interface:

Power Line Communication Protocol	
Connector	RJ45
Distance(Cat5e)	1968ft/(600m)
Downstream Data Rate	90 Mbps
Upstream Data Rate	90 Mbps

Power:

Voltage	48 to 57 Vdc
Power (PoU not used)	8 W
Power (PoU used)	60 W

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	4.5" x 3.0" x 1.2"
	114 x 72 x 31 mm

ORDERING INFORMATION:

UTPT-1-PoE+ Transmitter
UTPR-1-PoE+ Receiver
PS-4875 Power Supply, DIN, 52V, 75W



The American Fibertek Series UTP-1 solution allows for the utilization of UTP cable infrastructure to transmit bi-directional data from IP cameras and other network devices. The AFI Series UTPRp-1 receiver power supply provides Power Over the UTP (PoU) to power the UTPp-1 transmitter which also provides PoE to the IP camera. The PoE power supply is ordered separately.

The AFI Series UTP-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 UTP 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 UTP-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 UTP cable infrastructure, the system begins communicating.

