

## (2) 10/100 Base-T & (2) 100Base-FX Ethernet 4 Port Switch / Drop & Repeat Transceiver with 60W PoE

“Approved for AXIS Q6032-E PTZ Dome Network Camera”

### FEATURES:

- ◆ Complete Fiber Optic to Twisted Pair Media Interface
- ◆ Drop and Repeat Capability
- ◆ Auto MDI / MDIX Detection
- ◆ Auto Negotiate 10/100 Ports
- ◆ Link and Activity Indicators for UTP and Fiber Ports
- ◆ Multimode Fiber
- ◆ Power (60 Watts) Over Ethernet on 1 Port
- ◆ Two RJ45 Data Ports Available
- ◆ Extended Temperature Range

### SPECIFICATIONS:

#### Ethernet:

Data Rate

Auto negotiated ..... 10/100 Mb/s  
Connector ..... RJ45  
PoE (1 port) ..... 60 Watts

#### Optical:

One Fiber ..... 1310/1550 nm  
Two Fiber ..... 1310 nm  
Loss Budget ..... 11 dB  
Distance ..... 2 Km  
Connector ..... SC, ST

#### Power:

Voltage ..... 48 VDC  
Current ..... 200 mA  
Connector ..... 2 Pin Terminal Block

#### Recommended Power Supply:

48VDC @ 60W (Sold separately)

#### Environmental:

Temperature ..... -40 °C to +75 °C  
Humidity ..... 5 % to 95 %

#### Size:

Module ..... 4.3" x 4.3" x 1.2"  
Power Supply ..... 4.6" x 3.6" x 1.6"



The American Fibertek 50-PoE-HP Series transmits and receives (2) copper 10/100 Base-T Ethernet signals at the RJ45 ports and (1) optical 100 Base-FX over 1 or 2 multimode fibers. The system is comprised of two units forming a point-to-point communications link.

The 46-PoE-HP Series also sources up to 60 Watts of power to an Ethernet powered device (PD) from one RJ45 port. The power is carried over all 4 pairs of the Ethernet cable. However, it is required that the PD have independent discovery and classification interfaces for both the data pair and the spare pair of the Ethernet cable.

Both RJ45 ports may be used to deliver Ethernet data to devices. An external power supply is required.

The system is designed to be completely transparent with auto negotiation features which automatically configure the unit for the correct speed (10/100 Base-T). Auto MDI/MDIX operation eliminates the potential need for crossover cables. Diagnostic indicators provide a quick visual indication of system status.

#### ORDERING INFORMATION:

MX-50-FX-1F-SC-PoE-HP	One Fiber/Port, Module FX Multimode SC Connector
MX-50-FX-1F-ST-PoE-HP	One Fiber/Port, Module FX Multimode ST Connector
MX-50-FX-SC-PoE-HP	Two Fiber/Port, Module FX Multimode SC Connector
MX-50-FX-ST-PoE-HP	Two Fiber/Port, Module FX Multimode ST Connector

#### POWER SUPPLY:

PS-4860 Universal Input to 48V 60W Output -40 to 75°C

The PoE module is typically used only at the system edge (to power the camera etc.). The mating unit would then be the non PoE version of the product which is available in module or rack card packages.