



M7260PA
10/100/1000M PoE (PSE)
Ethernet Media Converter
 User's Manual

Introduction

Thank you for purchasing the M7260PA 10/100/1000Base PoE (PSE) Media Converter. This product supports IEEE802.3U, IEEE802.3z 1000Base-Tx/Fx protocol and IEEE802.3af PoE PSE protocol. The M7260PA provides either 25W (48VDC/540mA) or 15.4W (48VDC/350mA) power along the CAT5 twisted-pair cable. The following manual is for your reference.

Packing List

Please check the following items in the package before installing the media converter.

- M7260PA Media Converter
- Power Cable

Please contact VERSITRON immediately if any of the above items are missing or damaged.

Installation

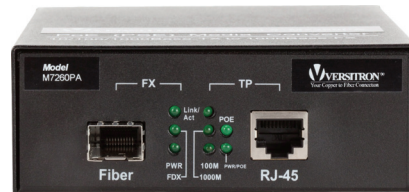
The RJ-45 connector supports 10/100/1000Mbps transmission speeds over CAT5 twisted-pair (TP) with a maximum length of 100meters.

The fiber port supports duplex and simplex 1000Base fiber optic SFP modules with LC connectors which are sold separately. When connecting the fiber in a duplex application, be sure that the transmitter (TX) on one end of the fiber is connected to the receiver (RX) on the other end of the fiber. For simplex applications this is not applicable.

AC power is supplied by connecting the AC power cord to the AC input jack of media converter and an AC power source.

Connections

The network device (work station, hub or switch) with an RJ-45 interface is connected to RJ-45 jack of media converter using a Cat5 cable. The multi-mode or single-mode fiber is connected to the LC fiber connector on the fiber optic SFP module. Apply power to the M7260PA.



LED Indicators

PWR	ON when power is applied
Link/Act (FX)	ON when fiber signal is detected
	Blinking when receiving data
Link/Act (TP)	ON when copper signal is detected (TP)
	Blinking when receiving data
FDX (TP)	ON when TP link is in full duplex mode
	OFF when TP link is in half duplex mode
1000M	ON 1000M
	OFF 100M or 10M
100M	ON 100M
	OFF 1000M (1000M ON) or 10M (1000M OFF)
POE	ON when connected to a proper PD load
	OFF when no load or wrong load
	Blinking when load is abnormal
PWR	ON when POE 48V power is ok
	OFF when POE 48V power is lost or too low

Main Features

1. IEEE802.3U, IEEE802.3z, 1000Base-Tx/Fx standard.
2. IEEE802.3af PoE PSE compatible.
3. Half duplex: back pressure flow control
Full duplex: IEEE802.3x flow control
4. Automatic identification of MDI/MDI-X.

Technical Parameters

1. Standard Protocol: IEEE 802.3u 100 Base-TX, IEEE802.3z, IEEE802.3ab standard, IEEE802.3af
2. Connector: one UTP RJ-45 connector, one LC connector
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: 100-240V AC
5. Environmental temperature: 0°C - 50°C
6. Relative humidity: 5%-90%
7. TP cable: Cat5 UTP cable
8. Optical fiber:
Multi-Mode: 50/125, 62.5/125
Single-Mode: 8.3/125, 8.7/125, 9/125
9. Dimensions: 5.51 x 4033 x 1.57 Inches (140 x 110 x 40 mm)

Cautions

1. This product is suitable for indoor applications.
2. Use dust cover for the fiber interface when not in use.
3. Do not look into the fiber interface with the naked eye.

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