

**M7260PA2**  
**10/100/1000Base PoE/PoE+**  
**Ethernet Media Converter**  
**User's Manual**

Rev. A

**Brief Introduction:**

Thank you for purchasing the M7260PA2 media converter. This product supports 10/100/1000Base-Tx/ and 100/1000Base-Fx protocols, PoE/PoE+ PSE power, as well as full-duplex and half-duplex mode. The following manual is for your reference.

**Packing List:**

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

- M7260PA2 10/100/1000Base Ethernet Media Converter
- Power Adaptor

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

**Installation:**

**1. Interface**

The RJ-45 connector supports 10/100/1000Mbps transmission speeds over Cat5 twisted-pair with typical lengths of 100 meters. In addition, the RJ-45 connector supports MDI/MDI-X for straight-through or cross-over cables.

The fiber port supports duplex and simplex 100Base or 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 fiber applications this is not applicable.

**2. Connection**

The network device (work station/hub/switch/PoE PD device) with an RJ-45 interface is connected to the RJ-45 jack of the M7260A using a Cat5 cable. The multi-mode or single-mode fiber is connected to LC fiber connector on the SFP module. Apply power to the M7260PA2.

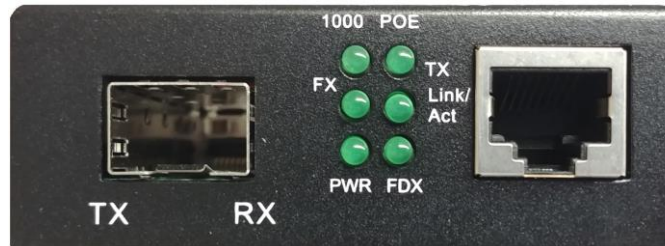


Figure 1 - M7260PA2 Front Panel

**LED Indicators:**

LED indicator lamps serve as device monitoring and troubleshooting. Below are the explanations for each LED indicator lamp.

LED	Status	Explanation
1000		Lit when TX speed is 1000Mbps Off when TX speed is 100Mbps
FDX Act		Lit when FX connection is good Blinks when FX data is transmitting
PWR		Lit when Power is applied
POE		Lit when PoE /PoE+ power is working
TP Act		Lit when TP connection is good Blinks when TP data is transmitting
FDX		Lit when TP full-duplex mode is active Off when TP half-duplex mode is active

**DIP Switch Settings:**

Below are the explanations for each DIP Switch.

DIP	SETTING	DESCRIPTION
SW 1	ON	Link Fault Pass-Through Mode Enabled
	OFF	Link Fault Pass-Through Mode Disabled (Default)
SW 2	ON	Cut-Through Mode (9K)
	OFF	Store and Forward Mode (Default)
SW 3	ON	Flow Control Enabled
	OFF	Flow Control Disabled (Default)
SW 4	ON	FX Speed 100Mbps
	OFF	FX Speed 1000Mbps (Default)

**Main Features:**

1. IEEE 802.3, 802.3u, 802.3z, 802.3ab, 802.3af, 802.3at standards.
2. Half-Duplex: back pressure flow control  
Full-Duplex: IEEE802.3x flow control
3. Automatic identification of MDI/MDI-X.
4. FCC and 15 CLASS A and CE MARK.

**Technical Parameters:**

1. Connector: one RJ-45 connector, one SFP connector.
3. Operation mode: full duplex mode or half duplex mode
4. Power supply parameter: 110-240VAC ~2A, 50/60Hz input  
52VDC, 1.25A output
5. Environmental Temperature: 0° - 50° C
6. Relative Humidity: 5% - 90%
7. Cable Types:  
TP – Cat5 UTP  
Multi-Mode: 50/125 or 62.5/125  
Single-Mode: 9/125
8. Dimensions: 3.70 x 2.79 x 1.02 Inches

**Cautions:**

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

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