

**M7260A**  
**10/100/1000Base**  
**Ethernet Media Converter**  
User's Manual

Rev. E

**Brief Introduction:**

Thank you for purchasing the M7260A 10/100/1000Base Ethernet media converter. The following manual is for your reference.

**Packing List:**

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

- M7260A 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.

**2. Connection**

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



Figure 1 - M7260A Front Panel

**LED Indicators:**

LED indicator lamps serve as device monitoring and troubleshooting.

The following is the explanation for each LED indicator lamp.

LED	Status	Explanation
Link/Act	ON	"ON" indicates proper connection
FX & TX	BLINK	"Blink" indicates traffic on port
FDX	ON	Operating in the full duplex mode
	OFF	Operating in the half duplex mode
1000	ON	1000Mbps communication on RJ-45 port
100	ON	100Mbps communication on RJ-45 port
PWR	ON	Power is on and normal

**DIP Switch Settings:**

Explanation for each DIP Switch.

DIP	SETTING	DESCRIPTION
SW 1	OFF	Link Fault Pass-Through Mode Disabled (Default)
	ON	Link Fault Pass-Through Mode Enabled
SW 2	OFF	Jumbo Frames Disabled (Default)
	ON	Jumbo Frames Enabled
SW 3	OFF	Flow-Control Disabled (Default)
	ON	Flow-Control Enabled
SW 4	OFF	Fiber Port 1000Mbps (Default)
	ON	Fiber Port 100Mbps

**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: 100-250V AC, 5V 2A DC output.
5. Environmental Temperature: 0° - 55° 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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