

Overview

With the demand for fiber, Vilink provides the new fiber optic switch hubs, EN860 and EN880. The EN880 has eight multi-mode fiber ports. And for EN860, it has 6-port 100Base FX port and 2-port 10/100Base-TX port.

This switch can easily form a switched Fiber-optic (ST interface) Fast Ethernet network with a 2km diameter star topology switched backbone. By splitting a network into several fiber-optic segments and bridging them, you can cut the traffic load on your network and reduce collisions on each long distance segment.

This switch fully complies with IEEE 802.3u, 100Base-TX, 100Base-FX, IEEE802.3, and 10Base-T standards. It features "wire-speed", "store and forward" switching mechanisms as well as the ability to filter local traffic, collisions, and error packets to maximize network performance.

Supporting full-duplex in default, the fiber-optic port will direct support up to 2 kilometer multi-mode optic-fiber wiring, and the two twisted pair of EN880 supports Auto-Negotiation makes it easy to connect to any types of devices with optimal transmit mode. (10/20Mbps, 100/200Mbps)



Features

- Complies with IEEE 802.3u, 100Base-TX, 100Base-FX, IEEE 802.3, 10Base-T standards
- 6/8-port 100Base-FX, Fast Ethernet Fiber-optic Switch (ST Interface)
- Two 10/100Base-TX switching ports support auto-negotiation -10/20Mbps, 100/200Mbps supported (FNSW-8086F)
- Full/Half-duplex operation support for each port (default: Full-duplex mode)
- High performance Store and Forward Switching • Architecture 2K MAC address Table, auto learning/aging
- Complete Runt & CRC filtering eliminates erroneous packets to optimize network bandwidth
- Filtering/Forwarding rate: 148800pps for100Mbps, 14880pps for 10Mbps
- Comprehensive array of LED indicators that provides the status of the switch and troubleshooting

Ordering Information

Model	Description
EN860	6 Port 100Base-FX and 2 Port 10/100Base-TX Ports Fiber Optic Switch
EN880	8 Port 100Base-FX Fiber Optic Switch

Specifications

System:		
Model Number	EN860	EN880
Standards Compliance	IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, 100Base-FX	
Ports 10/100Base-TX	2 RJ-45	None
Ports 100Base-FX	6 (ST)	8 (ST)
Network Speed	Twisted Pair: 10/20, 100/200Mbps, Auto-negotiation Fiber-optic: Full-duplex (default) / Half-duplex selectable	
Filtering/Forwarding Rate	100Mbps: 148800 packets / second 10Mbps : 14880 packets / second	
Switching Architecture	High performance Store and Forward	
MAC Entry	2K-entry MAC Address Table	
LED Indicator (System)	2, Power, Uplink (EN860 only) 4, Utilization indicator per port	
LED Indicator (Port)	Fiber-optic: 3 per port, Link, Act, FDX Twisted Pair: 6 per port, LNK, TX, RX, 100Mbps, FDX, COL	
Switch	1 Power Switch	
Power Supply	100~240VAC, 50~60Hz, auto-sensing	
Power Consumption	12 Watt	
Operating Environment	Temperature: 0~40 degree C, 32~104 degree F (operating) Humidity: 10~90%, non-condensing	
Dimension	440 x 205 x 44, 19" Rack-mountable	
Weight	1.3kg (2.5lb)	

Application

