

FX-08Mini 8 Ports 10/100Mbps Switch



▶ Feature

The FX-08Mini achieves the compact cigarette-box size while retaining all the functions provided in our existing 8-port switch products. Furthermore, it can be used in rooms with limited number of power outlets as it supports USB bus powered operation.

■ All ports support Auto MDI/X

Since all the five ports on the FX-08Mini support Auto MDI/MDI-X, the product automatically detects straight/crossover cable type and prevents cable-related errors caused by cable type mismatch. Although a crossover cable is usually used to cascade two switches, Auto MDI/MDI-X lets you use a more popular straight through cable.

■ Store-and-Forward blocks error packets

The FX-08Mini utilizes Store-and-Forward switching scheme, in which incoming data frames are first stored in buffer memory. The switch then uses FCS (Frame Check Sequence) at the end of the frames to check for errors. Since frames with errors are removed within the switch, the scheme prevents the generation of unwanted network traffic.

■ Higher data transfer efficiency achieved via Flow Control

The product achieves highly reliable and much more efficient data transfer as the on-board Flow Control function (IEEE802.3x in full duplex mode, Back Pressure in half duplex mode) prevents the occurrence of overflow, a state in which packets sent and received in excess of buffer memory capacity are destroyed.

■ Auto-Negotiation enabled on all ports

The built-in Auto-Negotiation feature automatically selects the best data transfer rate (10/100Mbps) and mode (Full/Half Duplex) for communication between the switch and another networking device.

■ Supports USB bus-powered operation

When the supplied USB power cable is used, the product can directly draw its power from a USB port on your PC. The product can thus be used in rooms with limited number of power outlets (for network devices).

■ Compact chassis

The product achieves unmatched compact size for a switch with fully functional five ports.

■ Metal chassis adds superb heat dissipation capacity

Its metal body enables efficient heat dissipation. Since no fan is used inside the switch, the multi-port ultra compact switch does not emit any irritating fan noise. Furthermore, the bottom magnet of the chassis enables side-mount installation of the switch on

your steel desk, etc.

► Specification

Model Number	FX-08Mini
Access Method	CSMA/CD 10/100Mbps
Standards Conformance	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Flow Control
Supported Media	UTP/STP cable 10Mbps: Category 3 or greater/ 100Mbps: Category 5 or greater
Port Configuration	10/100BASE-TX x 8 ports (all ports support Auto MDI/MDI-X)
Data Transfer Rate	100BASE-TX 100/200Mbps(half/full duplex) 10BASE-T 10/20Mbps(half/full duplex) Automatically detected via Auto-Negotiation
Buffer Memory Capacity	768KB
MAC Addresses	1,024
Switching Fabric	1.6Gbps
LED Indicator	Link/Act
Switching Method	Store-and Forward
Flow Control	Full Duplex: IEEE802.3,~, Half Duplex: Back Pressure
Cooling Fan	None (fan-less switch)
Magnet	Magnet on the bottom face
Chassis Material	Metallic chassis
Power Input	AC power adapter
Power Consumption	3.0W max.
Current Consumption	DC5V 350mA
Operating Temperature	0 to 40 degrees Celsius
Operating Humidity	35 to 85% (non-condensing)
Dimensions(W x H xD)	94(W) x 62(H) x 20(D) mm
Weight	200g
EMI	VCCI Class B,FCC Class B,CE
Warranty Period	One Year
Package Contents	8-port switch, AC power adapter, USB power cable, warranty card, safety note