

24Ports 10M/100M Intelligent Switch **FMX-24I**



Feature

■ Provides 24 10/100BASE-TX Auto-Negotiation Ports

The FMX-24I is equipped with twenty-four 10BASE-T/100BASE-TX Auto-Negotiation RJ-45 ports. The ports also support full duplex operation.

■ Supports High Speed Data Communications at 800Mbps

Traditional switches can cascade only at 200Mbps (full duplex) maximum, and for this reason they tend to be bottlenecks in today's networks laden with heavy applications. In contrast, the FMX-24I can use four cables to connect to another switch ("Trunking") to achieve data communications at a maximum speed of 800Mbps (full duplex). This feature greatly speeds up the existing switch backbone.

Furthermore, the FMX-24I can be "trunked" to any 100BASE-TX switch unlike the traditional Trunk scheme that only works between two Trunk-ready devices. Compared with other Trunk-ready switches, the FMX-24I is thus much easier to install in your existing network.

■ Flexible Network Configuration

With traditional switches, changing an existing network configuration meant physical relocation of Switch and purchase of additional (and very often expensive) switches. Since the FMX-24I supports VLAN, the administrator can easily change the current network configuration and maintain network security without moving any device at all. The port-based VLAN scheme is easy to use - even a novice administrator can set up VLAN groups with ease.

■ Network Management via a Web Browser

As the switch supports both SNMP and RMON, the network administrator can manage the network in every minute detail. The network can be easily monitored through both an ordinary management program and a Web browser. Since other aspects of the switch can be also configured via a Web browser, the switch can take much of the load off the network administrator.

■ Upgradable Firmware

The firmware of the switch can be upgraded after its purchase. The switch can thus incorporate the rapidly changing networking technology in real time. Since the firmware can be upgraded via network through a TFTP server, even multiple units of FMX-24I can be upgraded in a very short period of time.

■ Extension Slot Option Module

Model Name:FMX-1FXC

Specifications

Model Name		FMX-24I
Ports	100BASE-TX/10BASE-T	24
Extension Slot	Ext. Slots	1(1)
	Option Module	FMX-1FXC 1 Port 100BASE-FX (SC)
Backplane Capacity		4.8Gbps
Packet Buffer		1MB
MAC Addresses		2000
Switching Scheme		Store & Forward
Filtering/ Forwarding Rate		148,810pps(100Mbps) 14,880pps(10Mbps)
Latency		8.9us
Trunk		2-4port Trunking (Supports up to 1groups)
Flow Control		Full Duplex: IEEE802.3x / Half Duplex: Back Pressure
VLAN		4 groups (port-based)
Spanning Tree		IEEE802.1d
SNMP		MIB/MIB II/bridge MIB/private MIBs
RMON		Statistics/History/Alarm/Event
Port Mirroring		X
Web-based Management		Supported
Console Port		RS-232C D-sub 9pin
Operating Voltage		100-240V AC
Operating Frequency		50-60Hz
Power Consumption		36W
Phys. Spec.	Weight	3.8kg
	Dimensions	440(W) x 43(H) x 257(D)mm
Environmental Requirements	Operating Temperatures	0-40derees celsius
	Operating Humidities	10-90%