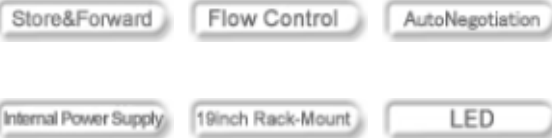


24Ports 10M/100M Switch **FX-24A**



Feature

With the FX-24EA, you don't have to worry about straight/crossover cable differences any more- the Auto MDI/MDI-X feature automatically supports both cable types on all of the five ports, Its slim AC adapter provides added usability as well.

■ All the 24 ports support Auto MDI/X

All of the twenty four ports on the FX-24A support Auto MDI/MDIX, a built-in function that automatically recognizes the type (straight/crossover) of the attached cable. This feature effectively removes all wiring troubles caused by a cable type mismatch.

■ High communication efficiency achieved via Flow Control

The FX-24A supports Flow Control (IEEE802.3x in full duplex mode, Back Pressure in half duplex mode). In the case of ordinary switches, a concentration of traffic on a specific port leads to severe performance degradation since free buffer memory and the bandwidth of the port decrease, disabling smooth retrieval and storage of frames on the buffer memory. Excess packets are discarded, causing frame losses. On the other hand, the FX-24A uses Flow Control to stop the transmission of signals on the attached devices to directly eliminate bandwidth mismatches

In full duplex mode: The switch uses IEEE802.3 flow control to send a pause signal to the attached computer, causing the PC to stop sending signals.

In half duplex mode: The switch uses Back Pressure, a flow control scheme that stops signal transmission from the attached PC by sending virtual jam signals to create a state of data collision.

■ Store-and-Forward blocks error packets

The switch first stores received data frames in a buffer memory, and 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, this scheme prevents the generation of unwanted network traffic.

■ Included 19-inch rack-mount kit

The FX-24A includes a 19-inch rack-mount kit to be ready for further expansion of your network.

Specifications

Product Model Number	FX-24A
Access Method	CSMA/CD 10/100Mbps
Supported Standards	IEEE 802.3 10Base-T, IEEE802.3u 100Base-TX
Supported Media	UTP/STP Cables 10Mbps : Category3 or greater 100Mbps : Category5 or greater
Ports	10/100BASE-TX Port x 24 Ports (All ports support Auto MDI/X), RJ-45 connector
Configuration Method	Auto-Negotiation
LEDs	Power, Link/Act, 100M, FDX
Network Bridging Features	Filtering, Forwarding, Address Learning
Switching Mode	Store and Forward
Flow Control	Full Duplex: IEEE802.3x, Half Duplex: Back Pressure
MAC Address	8K
Buffer Memory	2.5 Mbit
Power Consumption	21.5W Max.
Operating Temperatures	0 -45 degrees Celsius/32~113degrees Celsius F
Operating Humidities	10~90% (Non-condensing)
Dimensions	442(W) x 44(H) x 184(D)mm
EMI	FCC Class A, VCCI ClassA, CE
Package Contents	FX-24EA, Power Cord, User's Manual(Chinese/English), 19"Rackmounting Bracket