8-port 10/100Mbps Fast Etherent Switch w/ Internal Power

Provides Wire-speed, Non-blocking Performance - **LevelOne** FSW-2218 Fast Ethernet Switch is a wire-speed, non-blocking networking device that provides 8 ports 10/100 Mbps Ethernet connections. The FSW-2218 features full-duplex operations to effectively double bandwidth to a throughtput of 200Mbps for maximun performance. The N-way auto-negotiation function automatically detects the best possible bandwidth when connecting to other networks and devices. All ports also support Auto-MDIX allowing uplinking to another switch with either cross-over or straight cable.

Easy Configuration, Internal Power Switch--LevelOne FSW-2218 Fast Ethernet switch is "Plug-&-Play". It does not require software configuration. Users can immediately use any of the features of this product simply by attaching the cables and turning on the power. With the built-in power supply, the FSW-2218 eliminates the hassle of power adapter allocation and increases users' convenience. For instant error detection, this switch is equipped with a full range of LEDs to help you monitor and troubleshoot problems on your network.

Compact Size Design --This unit is compact specially designed to fit on the desktop or in other space-limited locations. The FSW-2218 switch provides an ideal solution for businesses that crave a reliable network to exchange large data files and multimedia information with bandwidth-starving workgroups, departments, and offices.

FSW-2218

Related Products

FNC-0113TX
10/100Mbps Ethernet Card

FSW-2215
5-port 10/100Mbps Fast Ethernet Switch

GSW-0504
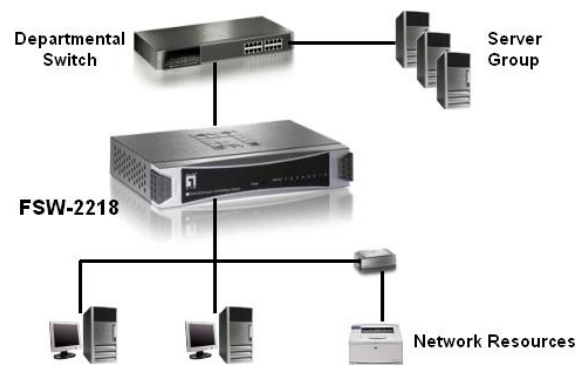5-port Gigabit Switch w/ Internal Power

Key Features

- Provides 8 x 10/100Mbps Ethernet connections
- Universal Internal Switch Power
- Compact size design
- Wire-speed and non-blocking forwarding rate
- Supports back-plane up to 1.6 Gbps
- Store –and-forward switching ensures error-free transmission

- Supports Auto MDI/MDIX on all ports
- Supports N-way Auto-negotiation on all ports
- Supports full-duplex IEEE802.1x flow control
- Supports half-duplex back pressure flow control
- Plug-and-Play, nothing to configure
- LEDs on front panel for easy access and real time viewing status of switch

Technical Specification

- **Standards Compliance**
  IEEE 802.3 10Base-T Ethernet
  IEEE 802.3u 100Base-TX Fast Ethernet
  IEEE 802.3x Flow Control and Back Pressure

- **Ports**
  8 x 10/100 Mbps RJ-45 ports

- **Protocol**
  CSMA/CD

- **Switch Architecture**
  Store-and-Forward

- **MAC Address Table**
  1K MAC Address Table

- **Packet Buffer**
  768KBits

- **Transfer Rate**
  14,800 Packets per second for 10Mbps
  148,800 Packets per second for 100Mbps

- **Back-Plane**
  1.6 Gbps

- **Flow Control**
  Half Duplex: backpressure
  Full Duplex: pause frame

- **Network Cables**
  10Base-T: 2-pair UTP/STP Cat.3/4/5, Up to 100 m
  100Base-TX: 2-pair UTP/STP Cat. 5, Up to 100 m

- **LEDs**
  Per Device: System Power
  Per RJ-45 port: Link/Activity (Green)

- **Power Supply**
  Internal Power Supply, 100~240VAC, 50/60Hz

- **Power Consumption**
  7.5 Watts (max)

- **Temperature**
  Operating: 0° C ~45° C (32° F ~ 113° F)

- **Humidity**
  Operating: 10% ~ 90% (Non-condensing)

- **Dimension**
  165mm(L) * 100mm(W) * 32.5mm(H)

- **EMI**
  FCC Class A, CE

- **Safety**
  UL, cUL, CE/EN60950

Product Diagram

Ordering Information

- FSW-2218: 8-port 10/100Mbps Fast Ethernet Switch w/ Internal Power Supply