

## 8-port 10/100Mbps Fast Ethernet 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 throughput of 200Mbps for maximum 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

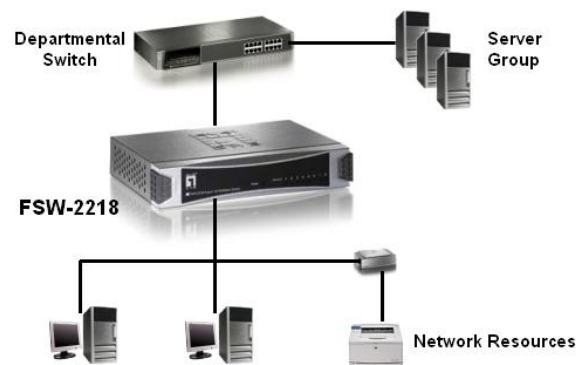
## Key Features

- 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