

24-Port 10/100 Rackmount Switch



FSW-2450

H/W Version: 3

Product Overview

The FSW-2450 switch provides an ideal solution for small businesses that demand a reliable network switch that provides a high bandwidth interface between file servers and workgroups, departments and offices.

Advanced Networking Features

The LevelOne FSW-2450 is a wire-speed, non-blocking 24 port Fast Ethernet Unmanaged Switch with an internal power supply. It provides a network with an 8K MAC address table, 4.8Gbps backplane throughput, asymmetrical flow-control support for full-duplex network connectivity, auto-negotiation and Auto-MDIX.

The 24-port Fast Ethernet Switch utilizes packet-store-and forwarding switching for error-free data transmissions and IEEE802.3x backpressure flow control to control data flow between

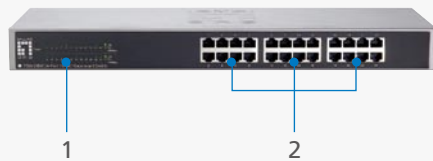
the sending and receiving nodes as well as to prevent any data packet loss.

Compact Design

The FSW-2450 is a compact designed network switch. Users can place the switch on any desktop area or mount it in a 19-inch server rack or cabinet by using the included rack-mounting accessory kit.

Quick Configuration and Easy Maintenance

The LevelOne FSW-2450 does not require any software configuration. It is Plug-and-Play enabled for quick set-up and immediate use within the Local Area Network. The 24 port Faster Ethernet Switch is equipped with a full range of LEDs for instant error detection, networking monitoring and network troubleshooting.



1. LEDs
2. 10/100Mbps Ports
3. Internal Power Socket

Key Features

- Provides 24 Fast Ethernet port connections
- Supports a total back plane of up to 4.8Gbps
- Wire-speed and non-blocking forwarding rate
- Support IEEE 802.1P QoS (WRR 8:1)
- Supports Auto-negotiation on all ports
- Store-and-forward switching for error-free transmission
- Supports full-duplex IEEE802.3x flow control
- Accessory kit for mounting into a 19" server rack
- Internal power supply
- Power save up to 14% compare to Non Green Switch with similar functions

Related Products



FSW-0511
5-Port Fast Ethernet Switch



FNC-0109TX
10/100 Mbps Ethernet Card

Technical Specifications

Network Interface

Standards

IEEE 802.3 10Base-T Ethernet
 IEEE 802.3u 100Base-TX Fast Ethernet
 IEEE 802.3x Flow Control and Back Pressure
 IEEE 802.1P Quality of service

Network Interface

24x 10/100 Mbps RJ-45 ports

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

Data Transfer Rate

Ethernet: 10Mbps (Half-duplex)
 Ethernet: 20Mbps (Full-duplex)
 Fast Ethernet: 100Mbps (Half-duplex)
 Fast Ethernet: 200Mbps (Full-duplex)

Switching Protocol

CSMA/CD

Switch Architecture

Store-and-Forward

Backplane Throughput

4.8Gbps

MAC Address Table

8K entries with Auto learning function

Memory

Packet Buffer: 160Kbytes

Status Indicators

Link/ Act LED
 Power LED
 100Mbps LED

Physical Specifications

Internal Power Supply

100 ~ 240V AC, 50/60Hz

Power Consumption

10 Watts

Temperature

Operating: 0°C ~ 40°C
 Storage: -40°C ~ 70°C

Humidity

Operating: 10% ~ 90% (Non-condensing)
 Storage: 5% ~ 95% (Non-condensing)

Dimension & Weight

180mm (L) x 440mm (W) x 44mm (H)
 2.22 kg

Certifications

FCC Class A
 CE
 RoHS

Green Power Consumption

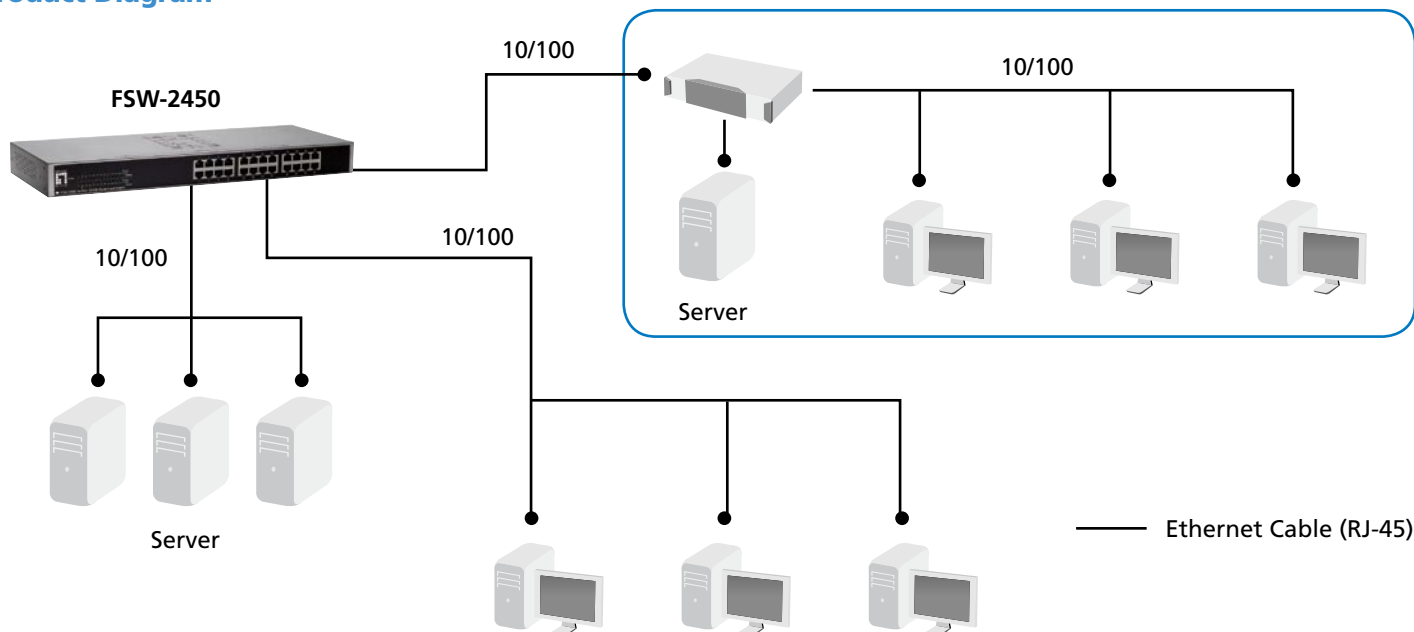
Power Consumption with 24 x 100 meters Cable Connected
 11.5W

Power Consumption with 24 x 10 meters Cable Connected
 9.9W

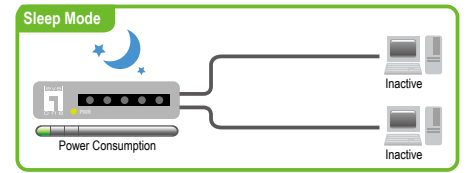
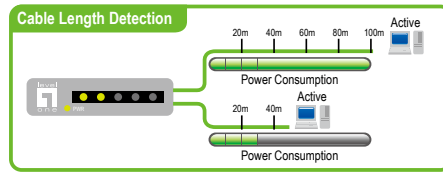
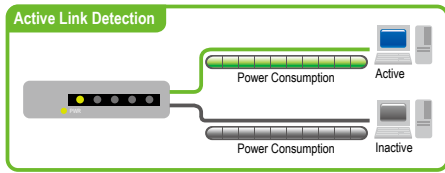
**FSW-2450 Base Power Consumption
 (No Cables are Connected)**
 3.2W

**Non Green Switch Base Power Consumption
 (No Cables are Connected)**
 3.3W

Product Diagram



Power Saving by



Order Information

FSW-2450: 24-Port 10/100 Rackmount Switch

Package Contents

FSW-2450

Power Cord

Rack-mount Brackets

User Manual