level® one

24-Port 10/100 Rackmount Switch

FSW-2450

H/W Version: 2

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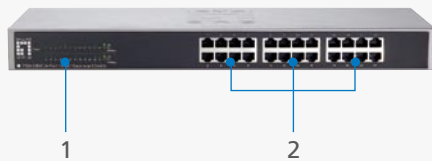
the sending and receiving nodes as well as to prevent any data packet loss.

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

1   2   3

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
- Supports Auto-negotiation on all ports
- Supports Auto MDI/MDIX on all ports
- Store-and-forward switching for error-free transmission
- Supports full-duplex IEEE802.3x flow control
- Plug-and-Play enabled for easy setup and configuration
- Accessory kit for mounting into a 19" server rack
- Internal power supply

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

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)

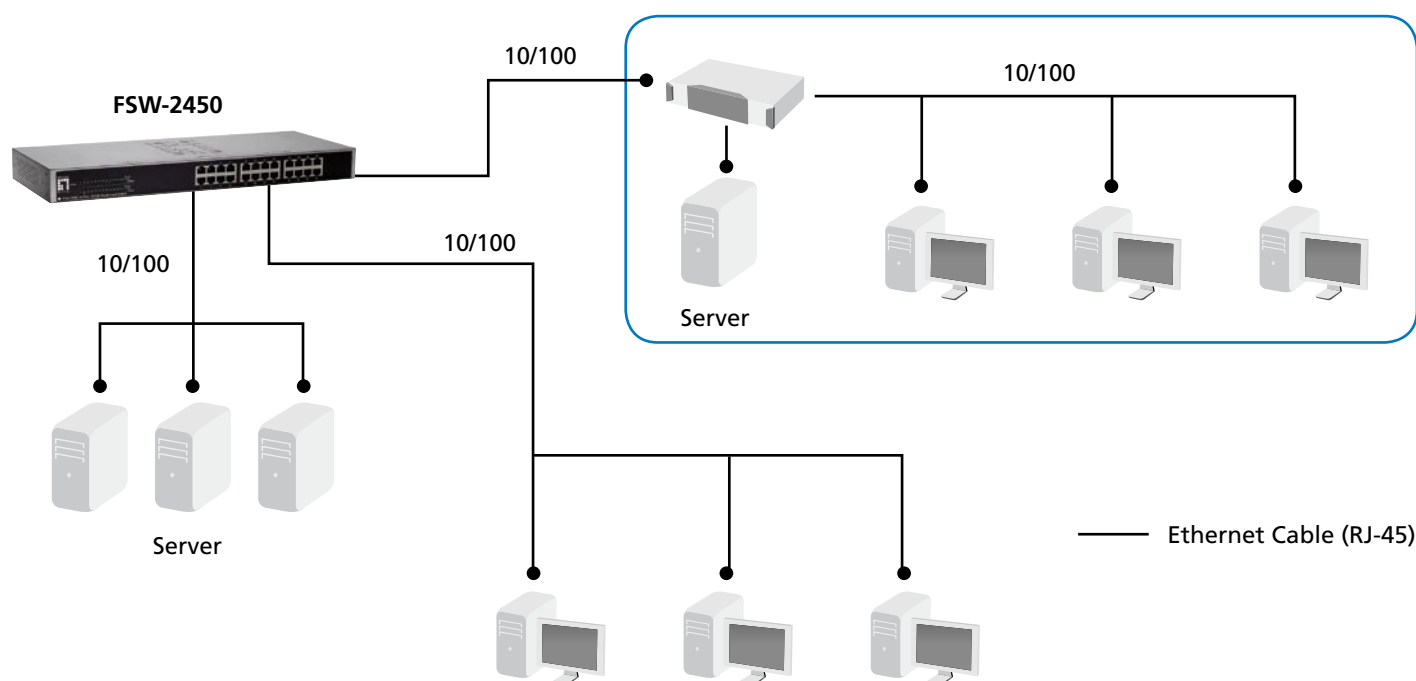**Dimension & Weight**

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

2.22 kg

Certifications

FCC Class A

CE

RoHS

Product Diagram

FSW-2450

10/100

10/100

10/100

10/100

Server

Server

——— Ethernet Cable (RJ-45)

Order Information	**FSW-2450:** 24-Port 10/100 Rackmount Switch
Package Contents	FSW-2450
	Power Cord
	Rack-mount Brackets
	User Manual