# FSW-0812 Fast Ethernet Switch

H/W Ver.1.0

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### 8-Port 10/100 PD Switch

#### **Product Overview**

The LevelOne FSW-0812 is a compact 8-port Fast Ethernet Switch with a PD port that allows this switch to receive its power requirement from a PoE Switch or PoE Injector. It is a high-performance, cost-effective and easy to use network switch for expanding home and office networks.

#### Power from PoE Switch or Injector

The PoE(PD) receives its power from a network PoE PSE (Power Sourcing Equipment), allowing for a flexible and easy to install network switch for expanding the current LAN.

#### Plug-and-Play Expansion of Home/Office Network

The LevelOne 8-port Fast Ethernet Switch is an easy to install "plug-and-play" switch, allowing users to either create a Local Area Network (LAN) or connect additional network devices, such network cameras, storage devices or print servers, to an established network.

#### **Fast Ethernet Switching Architecture**

The FSW-0812 delivers 200Mbps bandwidth per port in full-duplex mode and incorporates a non-blocking wire-speed switching architecture for seamless transferring of data through the network.

All ports support auto-negotiation and auto-MDI/MDIX sensing, eliminating the need for crossover cables or Uplink ports. Each port can be used as general network ports or as connecting ports into a router, server, hub or another network switch.



FSW-0812

## **Key Features**

- PD Network switch for flexible and easy installation without the need for a power adapter
- Complies with IEEE Half- and Full-Duplex standards
- Features 8 Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Full LED display panel for error detection and network monitoring
- Compact design for desktop or wallmounting
- Plug-and-Play enabled for easy setup and configuration



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### **Technical Specification**

#### **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 802.3af

#### **Network Interface**

7x 10/100Mbps RJ-45 ports 1x 10/100Mbps RJ-45 PoE(PD) port

#### **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

#### **MAC Address Table**

2K

#### **Buffer Memory**

1M bits

#### **Physical Specifications**

#### LED

Power, Link/Activity

#### **Temperature**

Operating: 0°C ~ 55°C Storage: -20°C ~ 90°C

#### **Humidity**

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

#### **Dimension & Weight**

130mm (L) x 77mm (W) x 24mm (H)

#### Certifications

FCC Class A

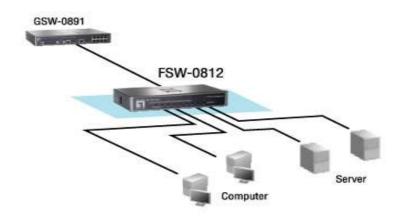
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#### **Package Contents**

FSW-0812 Fast Ethernet Switch

User Guide

## **Product Diagram**



#### **Order Information**

**FSW-0812:** 8-Port 10/100 PD Switch

