

5-Port 10/100 PD Switch

Product Overview

The LevelOne FSW-0512 is a compact 5-port Fast Ethernet Switch with a PD port that allows this switch to receive its power requirement from a PoE (PSE) 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) switch 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 5-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-0512 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-0512

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 5 Auto-Negotiation RJ45 ports supporting Auto-MDI/MDIX
- Full LED display panel for error detection and network monitoring
- Compact design for desktop or wall-mounting
- Plug-and-Play enabled for easy setup and configuration

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

4x 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)

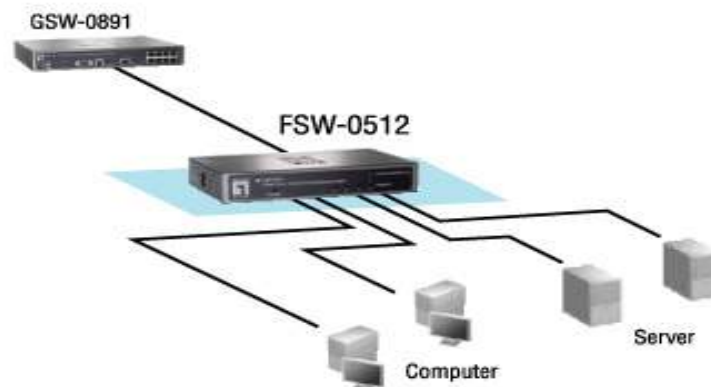
Certifications

FCC Class A
 CE

Package Contents

FSW-0512 Fast Ethernet Switch
 User Guide

Product Diagram



Order Information

FSW-0512: 5-Port 10/100 PD Switch

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