



8-Port TP w/ 4-Port PoE Fast Ethernet Switch



FSW--0809

H/W Version: 1

Product Overview

The LevelOne FSW-0809 is an eight port Fast Ethernet Switch that incorporates PoE functionality for flexible network efficiency. It is an ideal solution where office and home users utilize a combination of PoE and non-PoE enabled devices.

PoE Functionality for the LAN

Four ports on the FSW-0809 are PoE enabled making it an ideal solution for most office users that have PoE enabled devices located around the office. These products can include a mixture of PoE IP Phones, PoE Wireless Access Points and PoE IP Cameras.

The FSW-0809 is the perfect answer for offices that are upgrading their office equipment and LAN infrastructure to include PoE capability. The switch automatically detects IEEE 802.3af-compliant device connected and provides power and data over a single cable to these devices.

Stable and Reliable Network Environment

The FSW-0809 enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, packet error filtering and non-blocking packet forwarding. The 802.3x and backpressure flow control mechanisms work respectively for full and half duplex modes.

This device supports N-way auto-negotiation protocol that automatically detects networking speed and duplex modes.

Easy to Use

For instant error detection, the switch is equipped with a full range of LEDs to help monitor and troubleshoot problems on the network.



1



2

3

1. LEDs
2. 10/100 Mbps
3. External power socket

Key Features

- 8-port 10/100Mbps Ethernet Switch with shared 4 PoE ports
- Features 4 PoE ports with classification identify
- Supports 15.4W maximum per PoE port
- Supports automatic PoE Powered Device (PD) classification detection
- Supports over current protection and circuit shorting protection
- Provides a Store-and-Forward and Nonblocking switching architecture
- Supports up to 1K MAC address table
- Provides 96 Kbytes packet buffer

Works well with



VOI-7100
SIP Phone with PoE Capability



WAP-3100
11g PoE Wireless Access Point



Technical Specifications

Standards Compliance

IEEE 802.3: 10 BASE-T
 IEEE 802.3u: 100 BASE-TX
 IEEE 802.3af: Power Over Ethernet
 IEEE 802.3x Flow Control for Full-Duplex

Interface

4 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports
 8 x 10/100Mbps Auto-negotiation, Auto-MDIX Fast Ethernet ports

Protocol

CSMA/CD

Switching Method

Store-and-Forward switching architecture

Transfer Rate

14,880 pps for 10Mbps
 148,800 pps for 100Mbps

Cabling

Ethernet: 2-pair UTP/STP Cat.3,4,5, EIA/TIA-568 100-ohm
 Fast Ethernet: 2-pair UTP/STP Cat. 5, EIA/TIA-568 100-ohm

MAC Address Table

1K

Buffer

768K bits

POE Spec

Supports up to 15.4 W for each PoE port
 6.3 watts (max with no PD device connected)
 36.3 watts (max. with 30w PoE device connected)
 PoE power budget : 30W
 PD classification identify
 PoE over current protection
 PoE circuit sorting protection
 PoE power on RJ-45 pin 3,6 for power + / pin 1,2 for power

LEDs

Power, Power MAX, PoE Status, Link, Activity, Speed

Power Supply

100~240VAC/50~60Hz External Power Adapter

Power Consumption

36.3 watts

Temperature

Operating: 0°C ~40°C
 Storage: -10°C ~70°C

Humidity

Operating: 10% ~ 95% Non-Condensing

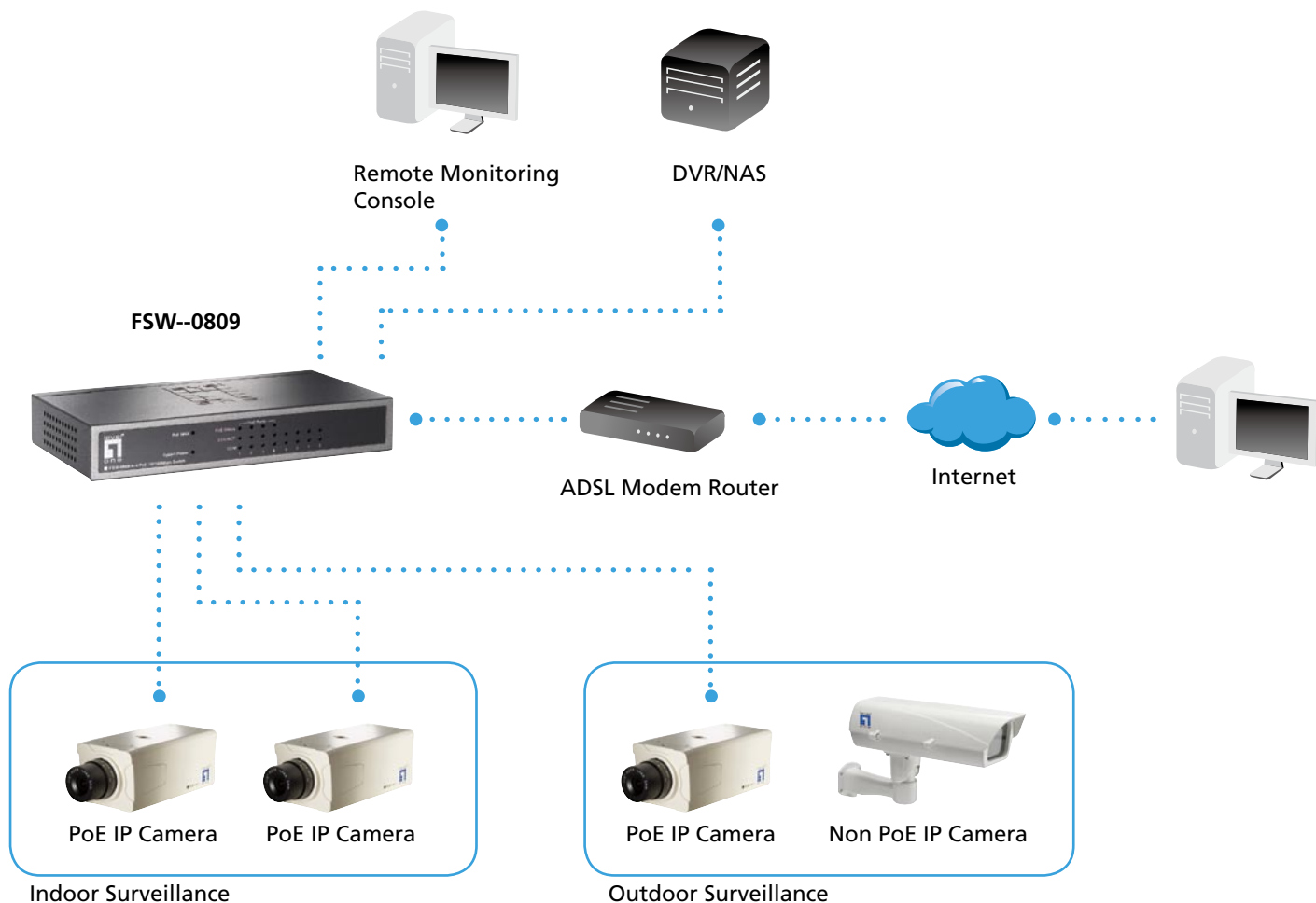
Dimensions (L x W x H)

171mm x 98mm x 29mm

EMI and Safety

FCC class B, CE mark Class B , VCCI-B

Product Diagram



Order Information

FSW-0809: 8-Port TP w/ 4-Port PoE Fast Ethernet Switch

Package Contents

FSW-0809
Power Adapter
Rubber Feet
User Manual