



## 8 FE PoE + 8 FE Web Smart Switch



FSW-1671

H/W Version: 1

### Web Smart for Intelligent Networks

FSW-1671 switch is a Web Smart Switch equipped with 16 10/100 Mbps ports with auto-MDI/MDIX crossover detection function. 8 of those ports are also built with PoE functionality, providing the ultimate choice in network flexibility. With this added PoE feature, FSW-1671 is an ideal solution for building wireless, IP surveillance, and VoIP networks.

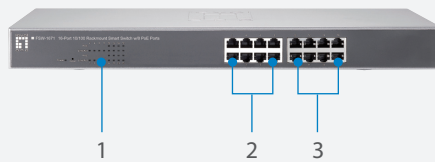
### Port Trunking, QoS, and Advanced Management

FSW-1671 provides a port-based and 802.1Q tag VLAN function to provide better traffic management, reduce latency, improve security, and save bandwidth. This is also a cost-saving feature as it reduces the need to add additional hardware to the network.

FSW-1671 also comes with Quality of Service (QoS) for traffic prioritization and a friendly web UI for users to easily configure and maintain the device through a web browser.

### Power over Ethernet 802.3af

The FSW-1671 has 8 10/100BASE-TX ports that support the IEEE 802.3af PoE protocol. Each port and transmit a maximum power 15.4W per port. You can also enable or disable power supply on PoE ports from UI.



1. LED Indicators
2. 10/100Mbps RJ-45 Uplink Ports
3. 10/100Mbps RJ-45 PoE Ports
4. Power On/Off
5. Power Socket

### Key Features

- 16x10/100Mbps Auto-negotiation Fast Ethernet RJ45 ports including 8 POE ports (port-9 ~ port-16)
- Complies with IEEE802.3af standard
- Supports PoE power maximum 15.4W for each PoE port
- Supports IEEE 802.3x flow control for full-duplex mode ports
- Supports back-pressure flow control for half-duplex mode ports
- Supports 802.1Q VLAN
- Supports Port based/802.1P based QoS (Quality of Service)
- Easy configuration via WEB browser

### Works well with



**FSW-0812**  
8-Port Fast Ethernet PoE Switch



**FCS-1122**  
Megapixel PoE Network Camera

## Technical Specifications

### Network Interface

#### IEEE Standards Compatibility

IEEE 802.3 10 Base-T Ethernet  
 IEEE 802.3u 100Base-Tx  
 IEEE 802.3x Flow Control and Back Pressure  
 IEEE 802.1p QoS  
 IEEE 802.1Q VLAN tag  
 IEEE 802.3af

#### Hardware Specification

8 x 10/100Mbps Auto-negotiation, Auto-MDIX  
 Fast Ethernet ports (port 1 ~ port 8)  
 8 x 10/100Mbps Auto-negotiation, Auto-MDIX  
 PoE ports (port 9 ~ port 16)

#### LEDs

Per Unit: Power  
 Per Port: Link/Activity

#### Performance Specifications

Forwarding Modes: Store and Forward  
 Back-Plane : 3.2G  
 Packet buffer memory: 192 KB  
 Mac Address : 4K Mac address table  
 PoE : 15.4 Watt Full power on each PoE ports

#### Electrical Specifications

Voltage: 90-260V/AC , 50-60Hz  
 Power Consumption: 130.7W

#### Physical Specifications

Operating temperature: 0 ~ 60°C  
 Storage temperature: -20 ~ 90°C  
 Operating humidity: 10 ~ 90% RH (non-condensing)

#### EMI/EMC

CE  
 FCC Part 15 Class A

### Software Specification

#### VLAN

Port Based VLAN  
 Tag VLAN (20 Entries)  
 VLAN ID (up to 4K)

#### Trunk

4 Ports per Group/ 2 Group per Device  
 Static Trunk

#### Quality of Service (QoS)

IEEE802.1p Priority  
 Port Base Priority  
 WRR: 4 Quenes

#### BandWidth Control

Support ingress packet filter and egress packet limit

#### Storm Control

Broadcast storm Control

#### Port Mirror

Support 3 mirror types "TX,RX and both packet"

#### PoE Spec

Support up to 15.4W for each PoE port  
 PD classification identify  
 PoE Current/Watt Detection  
 PoE Power on/off control function

#### IGMP snooping

Support IGMP snooping v1 and v2

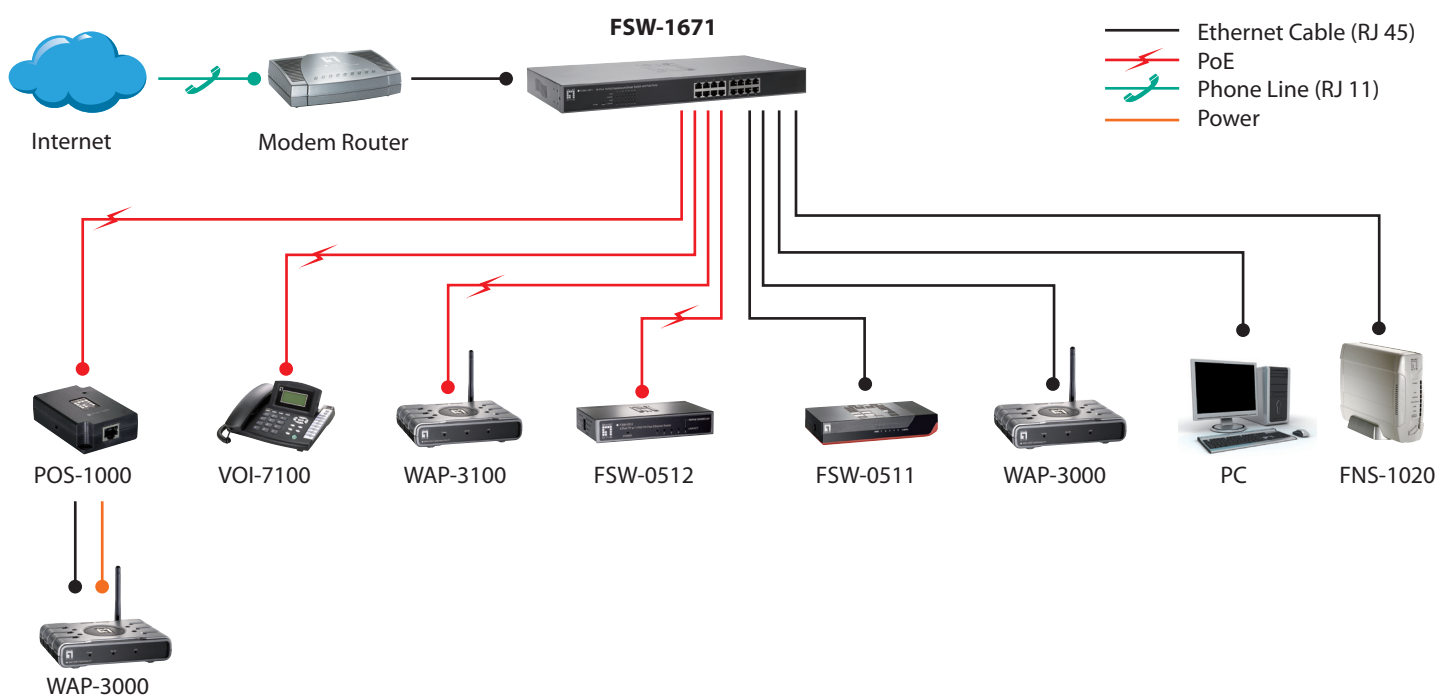
#### Firmware Update

Web Base/TFTP

#### MTBF

179657.9743

## Product Diagram



**Order Information**

**FSW-1671:** 8 FE PoE + 8 FE Web Smart Switch

**Package Contents**

FSW-1671

CD Manual

Power Cord

Rack Mount Kit