



4-Port High Power PoE +1 FE Switch



FSW-0513 (-Z)

H/W Version: 1

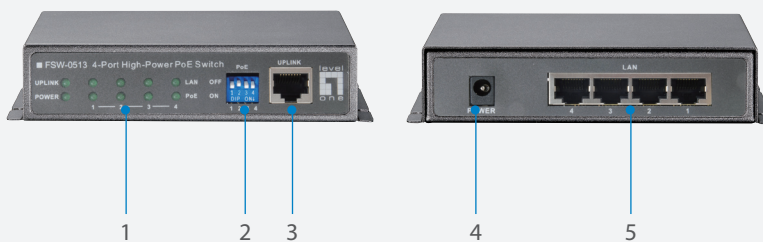
FSW-0513 (-Z) is a 10/100 Mbps Fast Ethernet Switch with 4 High-Power Power over Ethernet ports and one uplink port. With a total power budget of 120W, FSW-0513 (-Z) is excellent for deploying network devices that require high-power such as outdoor security dome cameras and access points. And with high-power PoE, the reach of devices can be extended hundreds of meters.

With 4 dip switches, each PoE port can be manually set for On-Off control. The internal PoE power supply

can send up to 48 Watts to a single port. FSW-0513 (-Z) is compact in size, making it ideal for desktop users with limited space. You also have option of installing several FSW-0513 (-Z) in a 19" chassis (POC-6000) for a large-scale rack-mount PoE solution.

Power Protection

FSW-0513 (-Z) supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), robust short-circuit protection and surge protection.



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

Key Features

- IEEE 802.3af PoE compatible to simplify deployment and installation
- Supports auto-negotiation and auto-MDI/MDI-X cable detection on each port
- Store-and-Forward architecture to ensure error-free communications
- IEEE 802.3x flow control protects against lost packets for reliable data transmission
- Simple Plug and Play installation
- Total PoE power budget: 120W, up to 15.4W per port
- Control Per PoE port on-off by dip switch
- Power protection: OVP/OCP/OTP

Works well with



POC-6000

8-Bay High Power PoE Chassis for FSW-0503(-Z) / FSW-0513(-Z) & GEP-0520(-Z)



FCS-1091

Day/Night PoE Network Camera

Technical Specifications

Standards

IEEE 802.3 10-BASE-T (Ethernet)
 IEEE 802.3u 100-BASE-TX (Fast Ethernet)
 IEEE 802.3x Flow Control (full-duplex flow control)
 IEEE 802.3af Power over Ethernet

Features

MAC Address: 1K
 Buffer Memory: 48KB
 Transmission Method: Store and Forward
 Backplane: 1Gbps

Filtering/Forwarding Rates

100Mbps port-148,000pps
 10Mbps port-14,880pps

Transmission Media

10Base T Cat. 3, 4, 5 UTP/STP
 100Base TX Cat. 5 UTP/STP

Network Interface

4 x 10/100Mbps RJ-45 PoE Ports
 1 x 10/100Mbps RJ-45 Uplink Port

PoE Spec

PoE Compatible: IEEE 802.3af Power over Ethernet / PSE
 PoE over current protection
 PoE circuit sorting protection
 PoE Power Output: Per Port 48V DC, Max. 30 watts (High Power)
 Power Budget: Max. 120w
 Power Pin Assignment: 4/5(+), 7/8(-)

LED Indicators

Power, Uplink, LAN 1~4 port, PoE 1~4 port

Power Input

100~240V DC / 50~60Hz 2.7A External Power Adapter

Power Consumption

120W

Dimensions (L x W x H)

120 x 90 x 28mm

Weight

0.8kg

Temperature

Operating: 0~45 Degree °C
 Storage: -40~70 Degree °C

Humidity

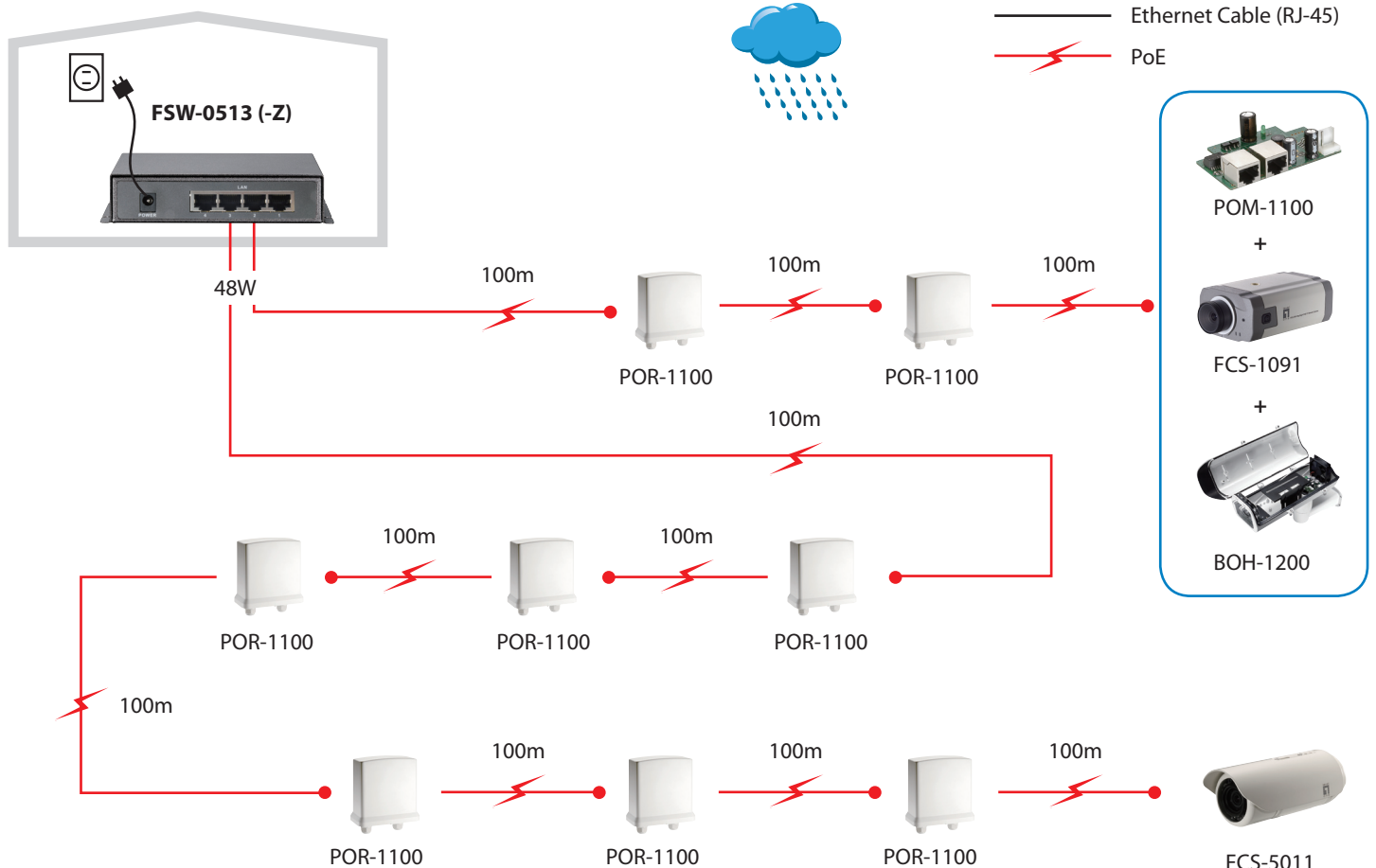
Operating: 10~90% (Non-condensing)
 Storage: 10~90% (Non-condensing)

Certifications

FCC, CE

FSW-0513 (-Z) output power table list					
Enable PoE on	Port 1	Port 2	Port 3	Port 4	Enable Port
PoE output Power	48W	OFF	OFF	OFF	1 port
PoE output Power	48W	48W	OFF	OFF	2 Ports
PoE output Power	40W	40W	40W	OFF	3 Ports
PoE output Power	30W	30W	30W	30W	4 Ports

Product Diagram



Note: These distances are typical results when used with 18~19Ω 24 AWG Cat.5 Cable

Order Information

FSW-0513: 4-Port High Power PoE + 1 FE Switch

FSW-0503-Z: 4-Port High Power PoE + 1 FE Switch (no power included)

Package Contents

FSW-0513: FSW-0513 x 1, Power Adapter x 1, User Manual x 1

FSW-0513-Z: FSW-0513 x 1, User Manual x 1

Optional Accessories



POC-6000

8-Bay High Power PoE Chassis for
FSW-0503(-Z) / FSW-0513(-Z) &
GEP-0520(-Z)