4-Port High Power PoE Switch
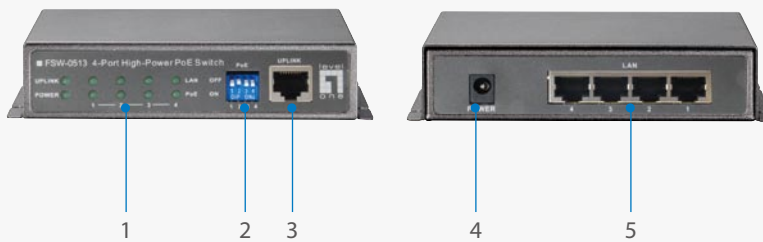
FSW-0513

H/W Version: 1

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

Power Protection

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

1. LEDs
2. PoE On-Off dip Switch
3. 10/100 Mbps Uplink Port
4. External power socket
5. High Power PoE Ports

Key Features

- 4-Port High Power PoE + 1 Port Uplink Fast Ethernet Switch
- Control Per PoE port on-off by dip switch
- Power Budget : 120W
- Plug and Play
- Power protection: OVP/OCP/OTP

Works well with

POC-6000
8-Bay High Power PoE Chassis for FSW-0503 / FSW-0513 / FSW-0543

FCS-1091
Day/Night PoE Network Camera

Technical Specifications

Standard Compliance
IEEE 802.3 　　10-BASE-T Ethernet
IEEE 802.3u 　　100-BASE-TX
IEEE 802.3x 　　Flow Control

Interface
5 x 10/100Mbps Auto-negotiation, Auto-MDIX ports
4 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports

Protocol
CSMA/CD

Switching Method
Store-and-Forward switching architecture

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

MAC Address Table
2K

Buffer
512K bits

PoE Spec
Supports up to 30W for each PoE port
PoE power budget : 120W
PoE power on RJ-45 pin 4,5,7,8

LEDs
Power, Uplink , LAN (1 to 4) , PoE (1 to 4)

Power Supply
Input 　　90-260VAC 　　50~60Hz
Output 　　48VDC/2.7A 　　External power

Power Consumption
Maximum output 130W

Temperature
Operating: 0 to 50℃

Humidity
10 to 90% RH (non-condensing)

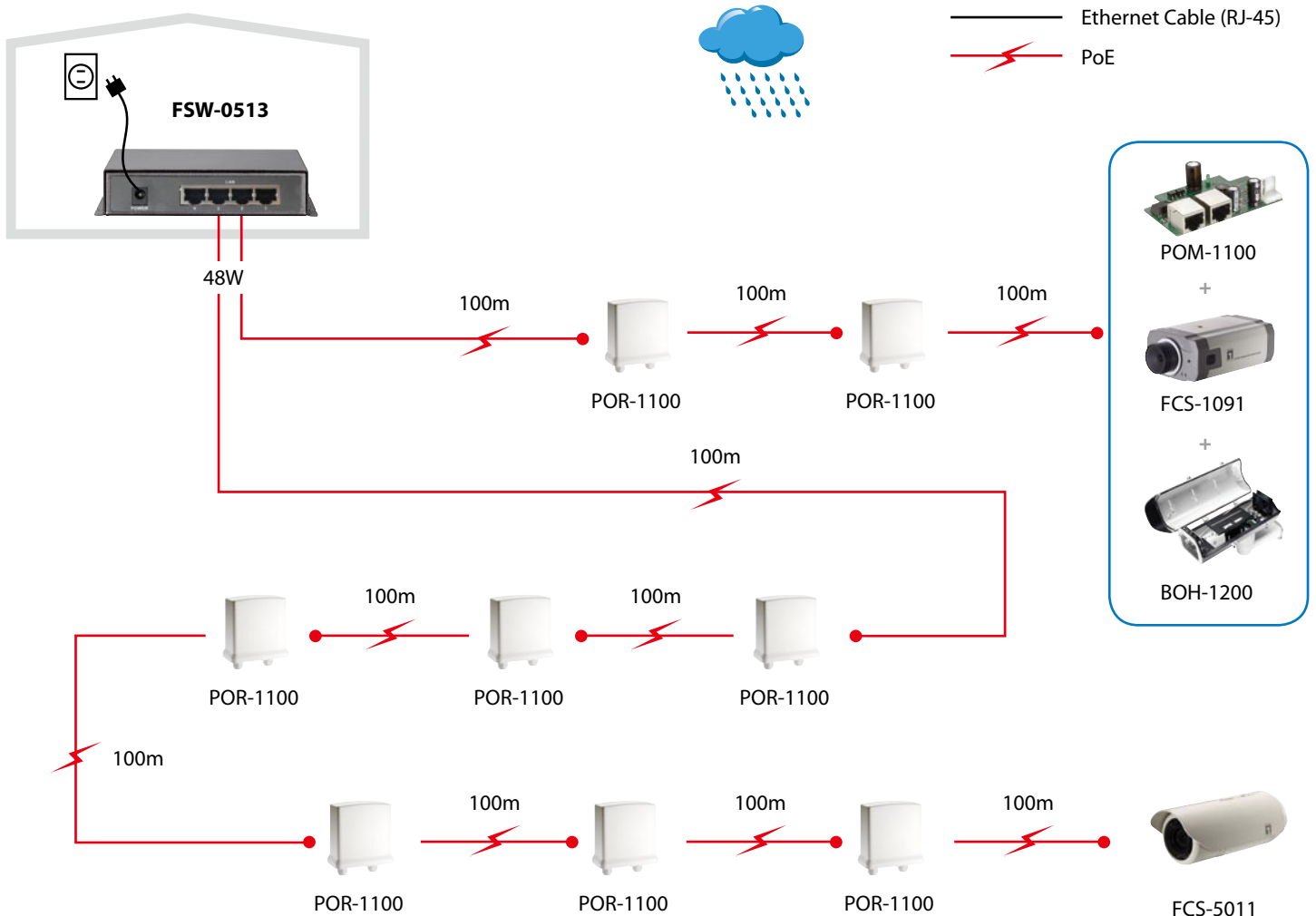**Dimensions (L x W x H)**
120mm x 90mm x 28mm

Weight
1.2kg

EMI and Safety
CE/ FCC

FSW-0513 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 Switch |
| **Package Contents** | **FSW-0513:** |

FSW-0513
Power Adapter
Power Cord
User Manual

Optional Accessories

POC-6000
8-Bay High Power PoE Chassis for
FSW-0503 / FSW-0513 / FSW-0543