level one ®

4FE PoE + 1FE Switch

FSW-0503 (-Z)

H/W Version: 1

Advanced PoE Solution

FSW-0503 (-Z) is a 4 Fast Ethernet PoE +1 Fast Ethernet Switch. Per PoE port is powered up to 15.4W. The total PoE power budget is 61.6W. It is an ideal solution for extensive WLAN, IP surveillance system deployments especially when the legacy and PoE compliance devices co-exist in your network environment.

FSW-0503(-Z) is compact in size, making it ideal for desktop users with limited space. You also have option of installing several FSW-0503 (-Z) in a 19" chassis (POC-6000) for a largescale rack-mount PoE Solution.
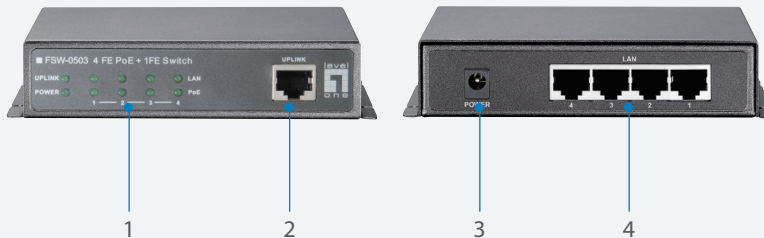
Stable and Reliable Network Environment

FSW-0503 (-Z) 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. LED Indicators
2. 10/100Mbps RJ-45 Uplink Port
3. External Power Socket
4. 10/100Mbps RJ-45 PoE Ports

1   2   3   4

Key Features

- IEEE 802.3af PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 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: 61.6W, up to 15.4W per port

Works well with

POC-6000
8-Bay High Power PoE Chassis for FSW-0503(-Z) / FSW-0513(-Z) & GEP-0520(-Z)

FCS-3021
PoE IP Dome 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 Standard: IEEE 802.3af Power over Ethernet / PSE
PD classification identity
PoE over current protection
PoE circuit sorting protection
PoE Power Output: Per Port 48V DC, Max. 15.4 watts (802.3af)
Power Budget: Max. 61.6w
Power Pin Assignment: 1/2(+), 3/6(-)

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

Power Input
100~240V DC / 50~60Hz 1.35A External Power Adapter

Power Consumption
65W

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

Weight
0.8kg

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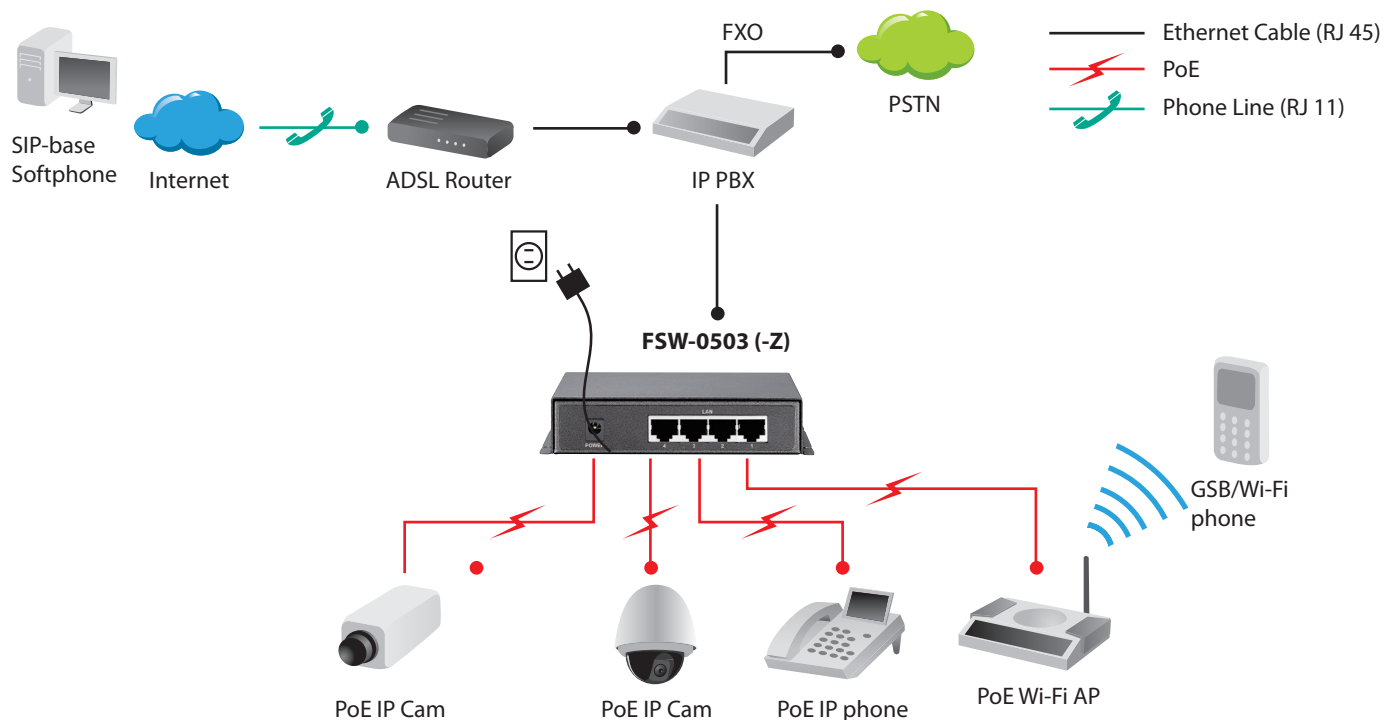Operating: 0~45 Degree°C
Storage: -40~70 Degree °C

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

Certifications
FCC, CE

Product Diagram

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

Order Information   **FSW-0503:** 4FE PoE + 1FE Switch

                            FSW-0503-Z: 4FE PoE + 1FE switch (no power included)

Package Contents   **FSW-0503:** FSW-0503 x 1, Power Adapter x 1, User Maunal x 1

                            FSW-0503-Z: FSW-0503 x 1, User Maunal x 1

Optional Accessories

POC-6000
8-Bay High Power PoE Chassis for
FSW-0503(-Z) / FSW-0513(-Z) &
GEP-0520(-Z)