



16-Port Fast Ethernet PoE Switch



FEP-1611

H/W Version: 1

Product Overview

The LevelOne FEP-1611 is a high-performance 10/100Mbps Ethernet PoE Switch. Each PoE Port is powered up to 15.4W. The total PoE power budget is 246.4W. The switch automatically detects IEEE802.3af compliant powered devices and provides power and data over a single cable. It's an ideal solution for office and home users to utilize a combination of PoE and non-PoE devices.

Rack-mount PoE Solution

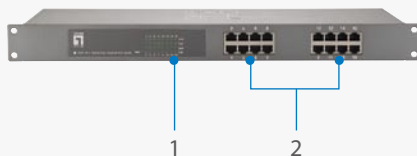
With data and power over Ethernet from one unit, the FEP-1611 shall reduce cables and eliminates the need for dedicated outlets on the wall, ceiling or any unreachable place. A wire carries both data and power lowering the installation costs, simplifying the installation effort and eliminating the needs for electricians or extension cords.

Stable and reliable network Environment

FEP-1611 enables users to deploy a stable and reliable high-speed LAN environment, with store-and-forward switching architecture, the FEP-1611 provide a stable and reliable packet error filtering and non-blocking packet forwarding architecture. The device supports N-way auto-networking speed and duplex modes.

Easy to use

Providing 16 PoE interfaces, the FEP-1611 is ideal for small business and workgroup requiring to deploy the PoE for the wireless access points, IP-based surveillance camera or IP phones in any places easily, efficiently and cost effective. For instant error detection, the FEP-1611 is equipped with LED Indicators to define problems on the network.



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

Key Features

- Complies with IEEE802.3af, IEEE 802.3, IEEE 802.3u and IEEE802.3x
- 16 x PoE ports support 15.4w power to PoE Powered Device
- Each Switching port supports auto-negotiation-10/100Mbps (Fast Ethernet) supported
- Auto-MDI / MDI-X detection on each RJ-45 port
- 4K MAC address table, automatic source address learning and ageing
- 19-inch rack mount size with holder
- Internal full-range power supply
- Total PoE power budget: 246.4W

Works Well With



FCS-1091
PoE Network Camera



FSW-0512
5-Port Fast Ethernet PoE PD Switch

Technical Specifications

Standard Compliance

IEEE 802.3 10-BASE-T Ethernet
IEEE 802.3u 100-BASE-TX
IEEE 802.3x Flow Control
IEEE 802.3af Power over Ethernet

Hardware Specification

Ports

16 x 10/ 100Mbps Auto-MDI / MDI-X ports with PoE injector function

Switch Processing Scheme

Store-and-Forward

Throughput (packet per second)

2.38Mpps

Switch fabric

3.2Gbps

Address Table

4K entries

Flow Control

Back pressure for half duplex, IEEE 802.3x Pause Frame for full duplex

Power over Ethernet

PoE Standard

IEEE 802.3af Power over Ethernet / PSE

PoE Power Supply Type

End-Span

PoE Power Output

Per Port 48V DC, Max. 15.4 watts (802.3af)

Power Pin Assignment

1/2(+), 3/6(-)

Power Budget

Max. 246.4 watts

Physical Specification

Dimension (L x W x H)

480 x 200 x 44 mm

Weight

2.85 kgs

Power Requirement

100-240V AC, 50-60 Hz, 3A

Temperature

Operating: 0~50 Degree C

Storage: -40~70 Degree C

Humidity

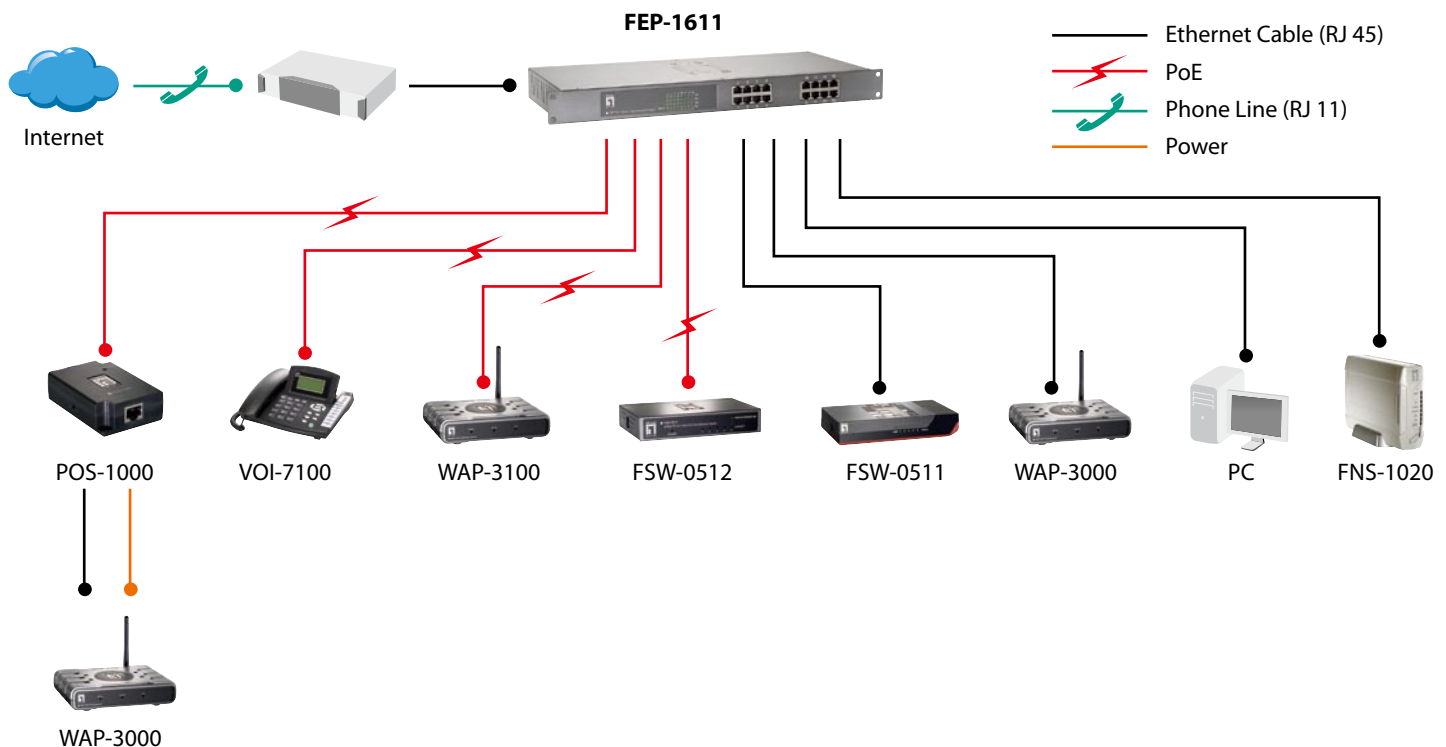
Operating: 5~90% (Non-condensing)

Storage: 5~90% (Non-condensing)

Certifications

FCC, CE

Product Diagram



Order Information

FEP-1611: 16-Port Fast Ethernet PoE Switch

Package Contents

FEP-1611, Quick Installation Guide, Power Cord, Rubber feet x 4