



## 16-Port Fast Ethernet PoE Switch, 240W, 802.3at PoE+

The LevelOne FEP-1611 provides 16 x 10/100Mbps ports with IEEE 802.3at PoE plus supported. This switch is IEEE 802.3at/af compliant, and provides power and data over a single Ethernet cable to any PoE device, with total power budget of 240W, up to 30W per port. Ideal for desktops and it is also 19-inch rack-mountable, which provides convenient and flexible installation. The FEP-1611 is designed for small-to-medium businesses that prefer an affordable solution for PoE deploying infrastructure.



### Key Features

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- Supports 4K MAC address auto-learning and auto-aging
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 19-inch metal housing
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- Total PoE power budget: 240W, up to 30W per port
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### Specifications

#### System Specifications

##### Standards & Protocols:

- IEEE 802.3 10-BASE-T, Ethernet
- IEEE 802.3u 100-BASE-TX, Fast Ethernet
- IEEE 802.3x Full-duplex Flow Control
- IEEE 802.3af Power over Ethernet (PoE)
- IEEE 802.3at Power over Ethernet Plus (PoE+)

##### Buffer Memory:

160KB

**Connectors and Cabling:**

16 x 10/100Base-TX RJ-45 PoE Ports  
10Base T Cat. 3, 4, 5 UTP/STP  
100Base TX Cat. 5 UTP/STP

**Button/Knob:**

Power On / Off Switch

**Indicator:**

Power, Active, 10/100M, PoE

**Transmission Method:**

Store-and-Forward

**Power Input:**

100-240V AC, 50-60 Hz, 5A Internal Power Supply

**Power Consumption:**

< 250W

## Features

**PoE:**

Power Budget: Max. 240W  
PoE Standard: IEEE 802.3af/at Power over Ethernet / PSE  
PD classification identity  
PoE over current protection  
PoE circuit sorting protection  
PoE Power Output: Per Port 56V DC, Max. 15.4 watts (IEEE 802.3af) or 30 watts (IEEE 802.3at)  
Power Pin Assignment: 1/2(+), 3/6(-)

## Performance

**Backplane (Gbps):**

3.2Gbps

**MAC Address Table:**

4K

**Data Transfer Rate:**

10/100Mbps

**Packet Forwarding Rate:**

100Mbps port - 148,000pps

10Mbps port - 14,880pps

## Environment

**Temperature (°C):**

Operating: 0°C ~ 45°C

Storage: - 40°C ~ 70°C

**Humidity (Non-condensing):**

Storage: 10% ~ 90%

Operating: 10% ~ 90%

**Deployment:**

Desktop and 19-inch rack-mountable

## Physical Specifications

**Dimensions (W x D x H mm):**

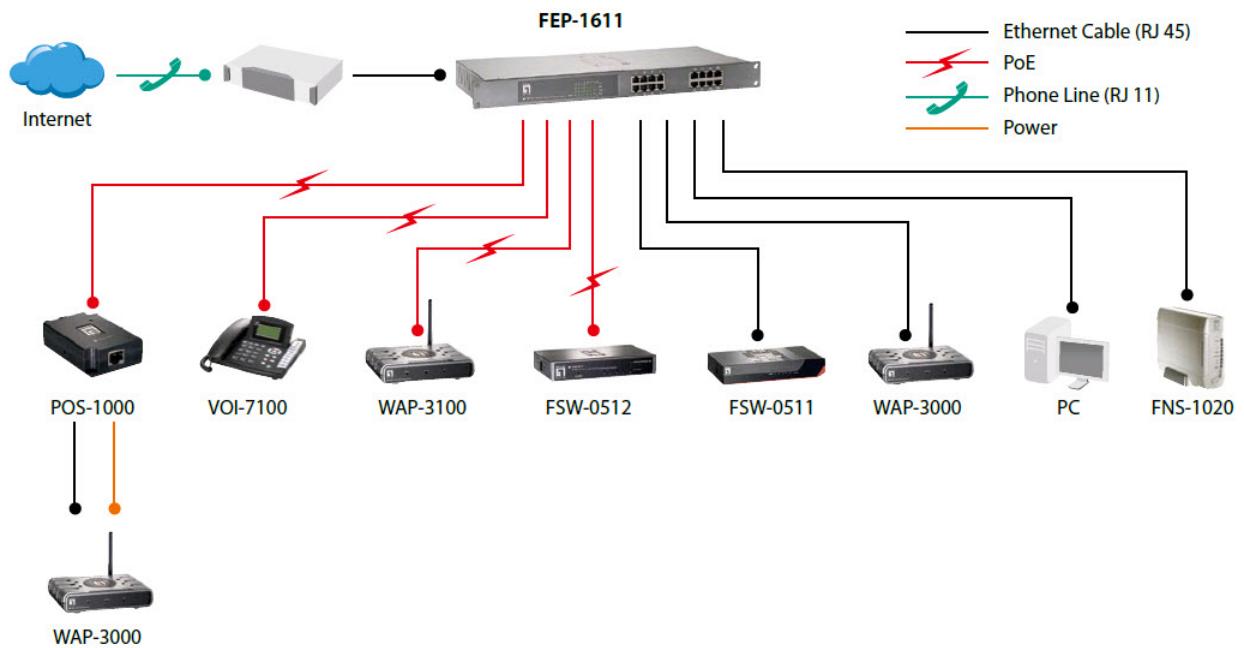
200 x 480 x 44 mm

Weight (g):  
2850 g

## Approval and Compliance

EMI/EMS:  
FCC, CE, RoHS

## Diagram



## Order Information

FEP-1611: 250W

## Package Contents

FEP-1611  
Power Cord  
Rubber Feet  
Quick Installation Guide

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