

FEP-1611 Version: 2



## 16-Port Fast Ethernet PoE-Plus Switch, 240W

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.



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

### 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
- Internal power supply

### Specifications

#### System Specifications

**Buffer Memory (KB):**

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:**

Power On / Off Switch

**Indicator:**

Power, Active, 10/100M, PoE

**Transmission Method:**

Store-and-Forward

**Power:**

Power Consumption: < 250W

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

**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+)

**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%

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

200 x 480 x 44 mm

**Weight (g):**

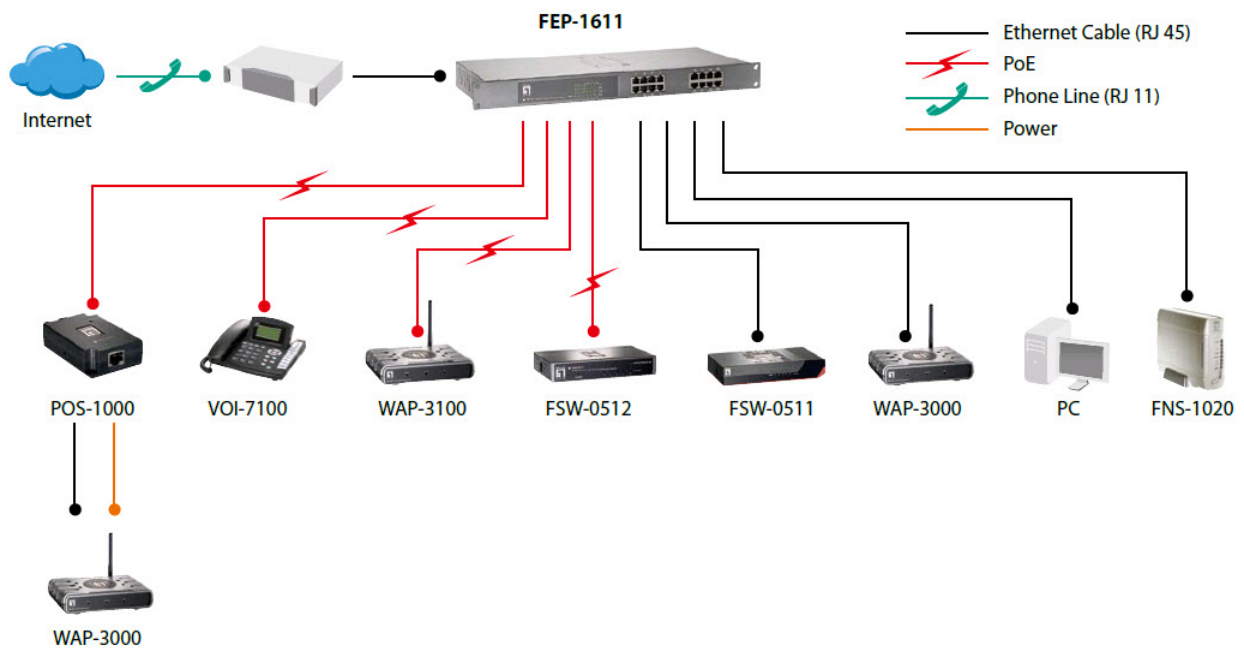
2850 g

**Others****Approval and Compliance:**

FCC, CE

Deployment:  
Desktop and 19-inch rack-mountable

## Diagram



## Order Information

FEP-1611

## Package Contents

Power Cord  
Rubber Feet  
Quick Installation Guide

No liability or responsibility for any errors or omissions in the content.  
Specifications are subject to change without notice.



All mentioned brand names are registered trademarks and property of their owners.  
Copyright © Digital Data Communications GmbH, Germany. All Rights Reserved.