FEP-1611 Version: 2

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-median 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
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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:
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

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

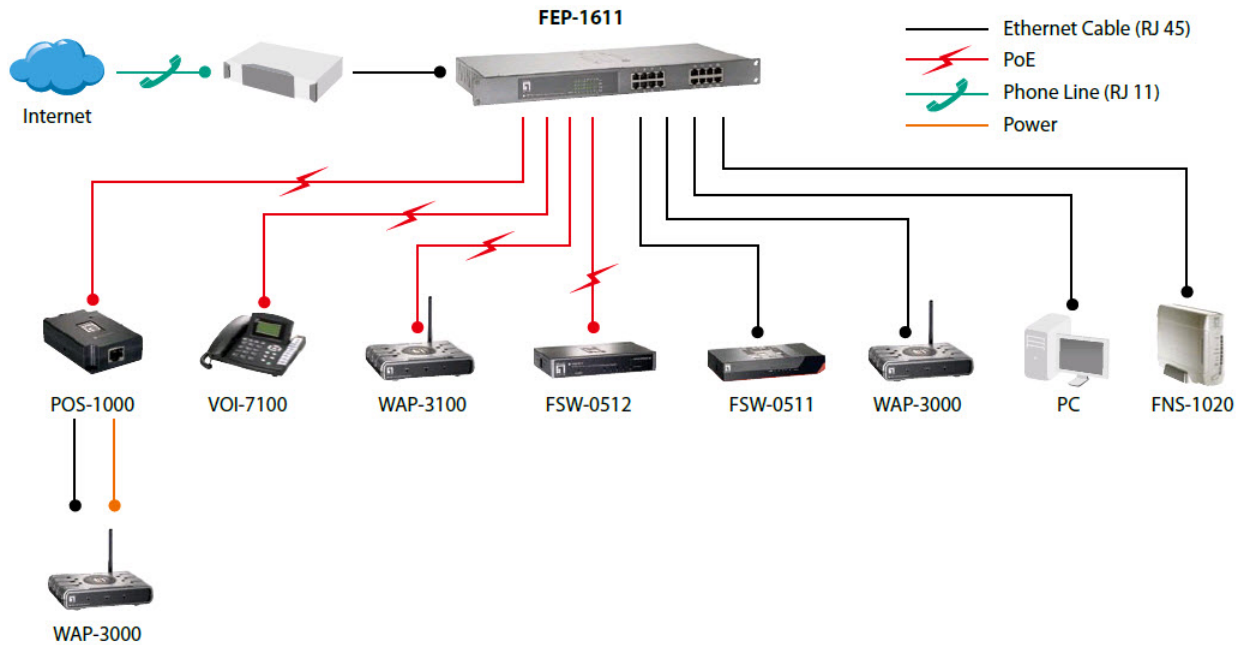## Physical Specifications

Dimensions (W x D x H mm):
200 x 480 x 44 mm

Weight (g):
2850 g

Others

Approval and Compliance:
FCC, CE, RoHS

Diagram

Order Information
FEP-1611

Package Contents
FEP-1611
Power Cord
Rubber Feet
Quick Installation Guide