

FEP-1611 Version: 2



16-Port Fast Ethernet PoE Switch, 240W, 802.3af/at 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
-

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):**

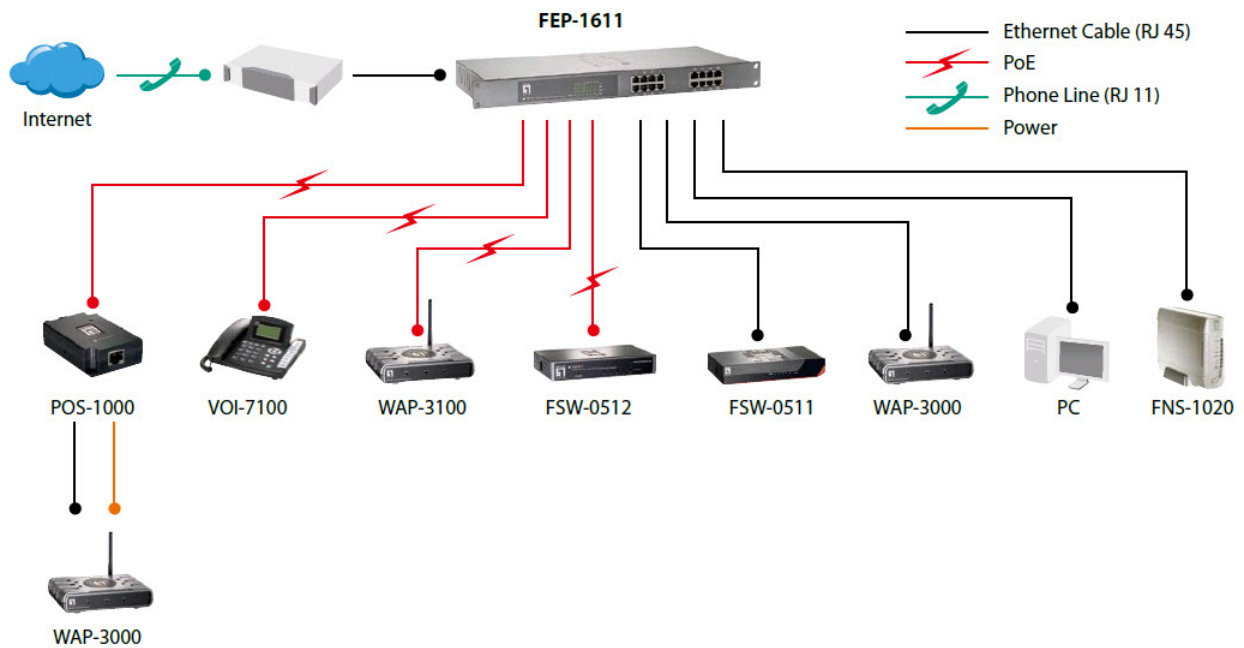
200 x 480 x 44 mm

Weight (g):
2850 g

Approval and Compliance

EMI/EMS:
FCC, CE, RoHS

Diagram



Order Information

FEP-1611

Package Contents

FEP-1611
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.