



8-Port Fast Ethernet PoE Switch, 802.3af/at PoE

The LevelOne FEP-0811 series are unmanaged Fast Ethernet PoE switches with 8 RJ45 PoE ports. The switches are IEEE 802.3af/at compliant, providing power and data over a single Ethernet cable to any PoE device, with a total power budget of 120/250W, or up to 30W per port. Ideal for desktops, they are also 19-inch rack-mountable, which provides convenient and flexible installation. The FEP-0811 switches are designed for small-to-medium businesses that require an affordable solution for deploying PoE infrastructure.



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

Key Features

- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- 11-inch metal housing with 19-inch rackmount kit included
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
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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:

64KB

Port:

8 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, 2A Internal Power Supply

Power Consumption:
< 130W (FEP-0811)
< 250W (FEP-0811W250)

Backplane (Gbps):
1.6Gbps

MAC Address Table:
1K

Data Rate:
10/100Mbps

Features

PoE:
Power Budget: Max. 123.2W (FEP-0811)
Max. 245W (FEP-0811W250)
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 (802.3af)
or 30 watts (802.3at)
Power Pin Assignment: 1/2(+), 3/6(-)

Performance

Packet Forwarding Rate:
100Mbps port - 148,000pps
10Mbps port - 14,880pps

Environment

Operating Temperature (°C):
Operating: 0°C ~ 45°C
Storage: - 40°C ~ 70°C

Operating Humidity (Non-condensing):
Storage: 10% ~ 90%
Operating: 10% ~ 90%

Installation:
Desktop and 19-inch rack-mountable

Physical Specifications

Dimensions (W x D x H mm):
185 x 280 x 44 mm

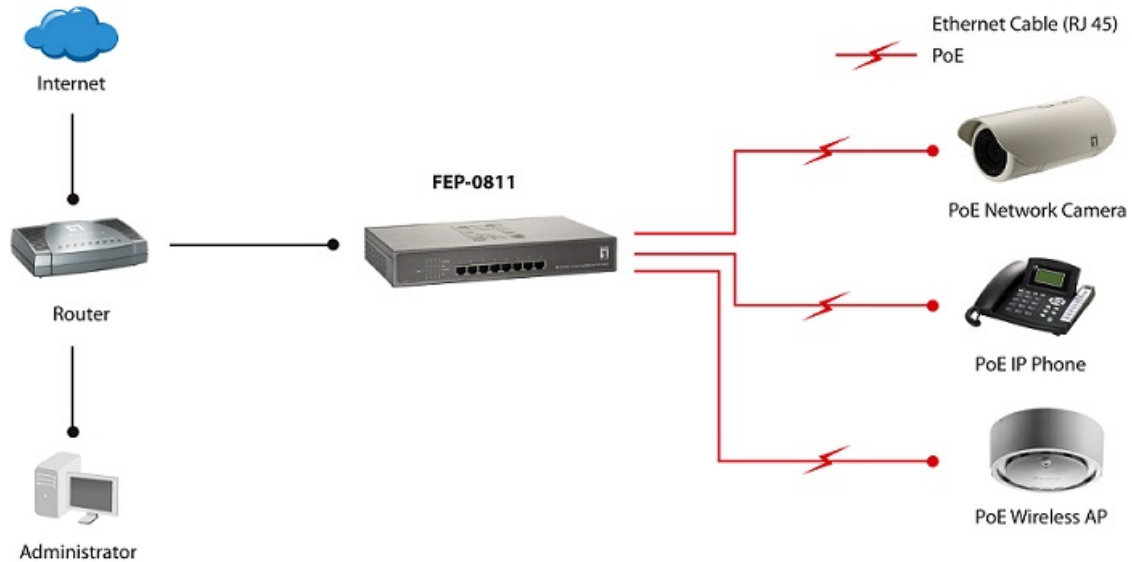
Weight (g):
1600 g

Approval and Compliance

EMI/EMS:

FCC, CE, RoHS

Diagram



Order Information

FEP-0811: 120W

FEP-0811W250: 250W

Package Contents

FEP-0811

Power Cord

19" Rack Mount Kit

Quick Installation Guide

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