



## 8-Port Fast Ethernet PoE Switch, 802.3at PoE+

The LevelOne FEP-0811 provides 8 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 123.2W, up to 30W per port. Ideal for desktops and it is also 19-inch rack-mountable, which provides convenient and flexible installation. The FEP-0811 is designed for small businesses that prefer an affordable solution for PoE deploying 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

##### Connectors and Cabling:

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

## Features

**PoE:**  
Power Budget: Max. 123.2W  
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

**Backplane (Gbps):**  
1.6Gbps

**MAC Address Table:**  
1K

**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):**  
185 x 280 x 44 mm

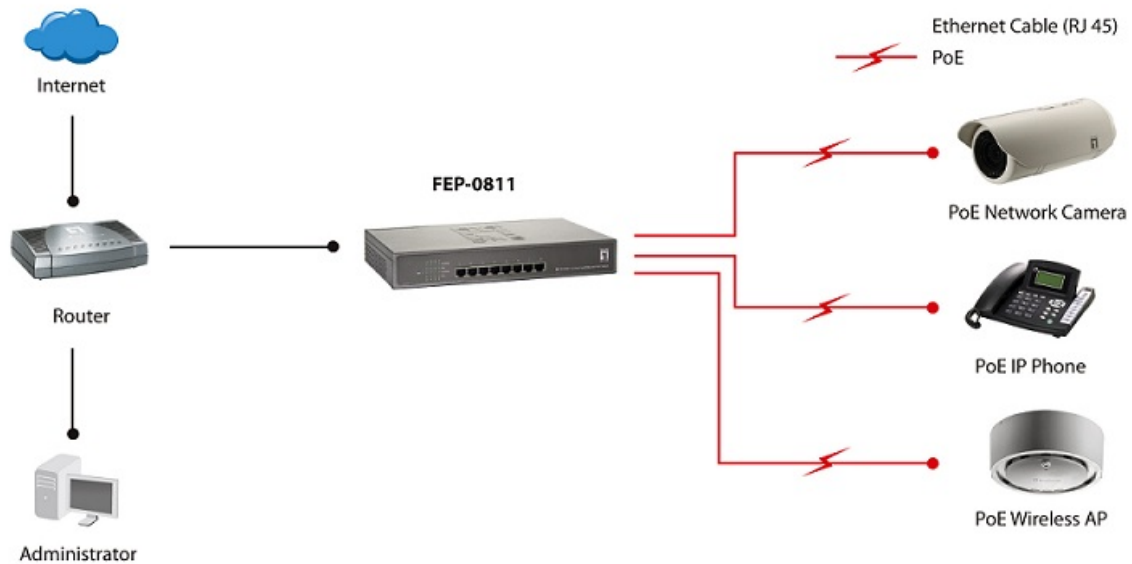
**Weight (g):**  
1600 g

## Approval and Compliance

EMI/EMS:

FCC, CE, RoHS

## Diagram



## Order Information

FEP-0811: 120W

FEP-0811W250: 250W

## Package Contents

FEP-0811

Power Cord

19" Rackmount Kit

Quick Installation Guide

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