



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

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
-

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 (FEP-0811)
< 250W (FEP-0811W250)

Backplane (Gbps):

1.6Gbps

MAC Address Table:

1K

Data Transfer 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

Temperature (°C):

Operating: 0°C ~ 45°C
Storage: - 40°C ~ 70°C

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):

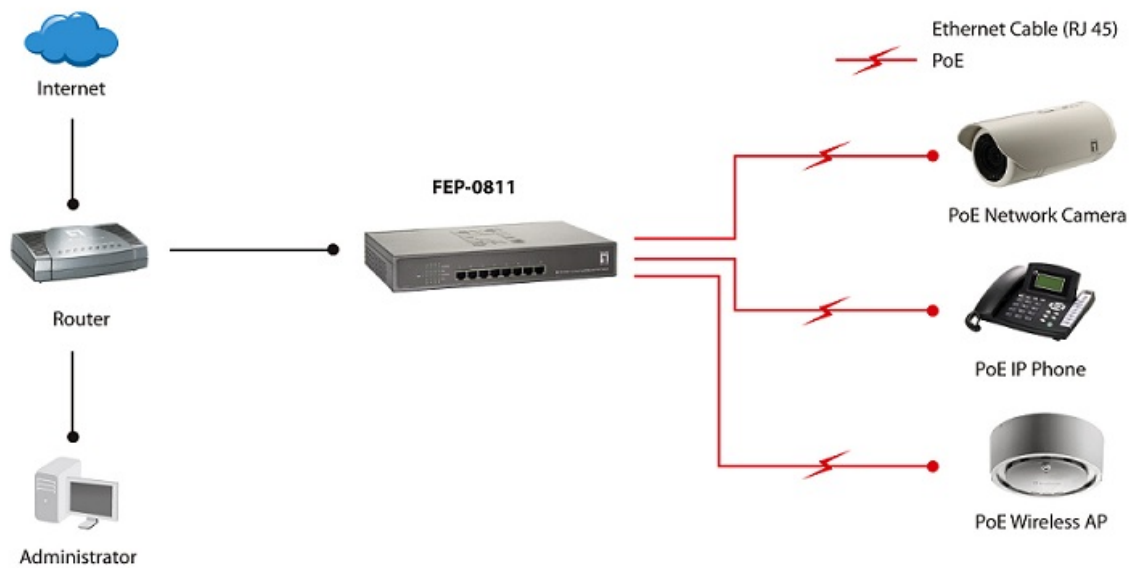
1600 g

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

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.