

FEP-0812 Version: 3



8-Port Fast Ethernet Switch with 4-Port PoE-Plus, 61.6W

The LevelOne FEP-0812 provides 4 x 10/100Mbps and 4 x 10/100Mbps PoE Plus ports. This switch is IEEE 802.3af/at compliant, and provides power and data over a single Ethernet cable to any PoE device, with total power budget of 61.6W, up to 30W per port. Ideal for desktops and it is also 19-inch rack-mountable, which provides convenient and flexible installation. The FEP-0812 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. 10/100Mbps RJ-45 Uplink Ports
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
- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 10/100Mbps-Full/Half-duplex, Auto-Negotiation, Auto-MDI/MDIX
- 11-inch metal housing with 19-inch rackmount kit included
- Simple Plug and Play installation
- Total PoE power budget: 61.6W, up to 30W per port
- Internal power supply

Specifications

System Specifications

Buffer Memory (KB):
64KB



Connectors and Cabling:

4 x 10/100Base-TX RJ-45 PoE 1~4 Ports
4 x 10/100Base-TX RJ-45 Uplink 5~8 Ports

Indicator:

Power, Active, 10/100M, PoE

Transmission Method:

Store-and-Forward

Power:

Power Consumption: < 65W
Power Input: 100-240V AC, 50-60 Hz, 2A Internal Power Supply

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+)

Features

PoE:

Power Budget: Max. 65W
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):

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%

Physical Specifications

Dimensions (W x D x H mm):

280 x 125 x 44mm

Weight (g):

Others

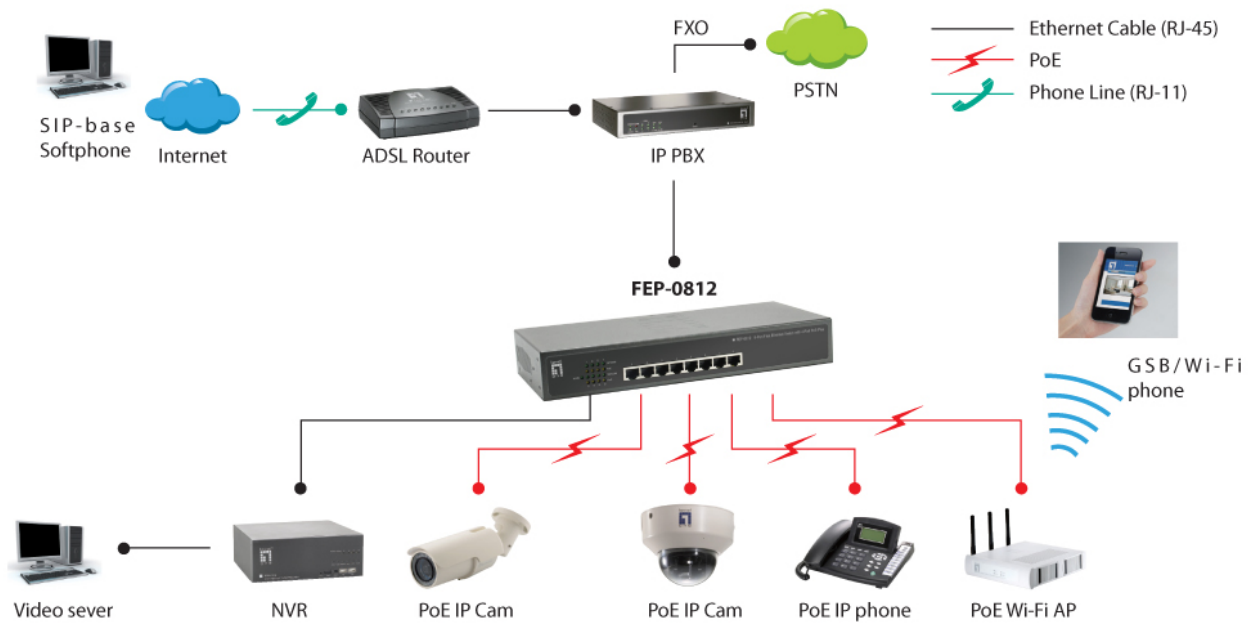
Approval and Compliance:

FCC, CE

Deployment:

Desktop and 19-inch rack-mountable

Diagram



Order Information

FEP-0812

Package Contents

Power Cord

19" Rackmount Kit

Quick Installation Guide



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