

FEP-1601 Version: 1



## 16-Port Fast Ethernet PoE Switch

FEP-1601 is a 16-port 10/100Mbps Fast Ethernet Switch with Power over Ethernet (PoE) capability. With 16 dip switches, each PoE port can be manually set for On-Off control. FEP-1601 supports up to 30W on each LAN port when the DIP switch is in the ON position. Using a LevelOne PoE repeater, it is possible to extend the connection a further 100 meters, or even daisy-chain several PoE repeaters together for greater distances. Dual 10/100Mbps ports can connect with other edge switches or NVR as uplink ports.



1. LED Indicators
2. PoE Dip Switch
3. Power On/Off Switch

4. Power Socket
5. 10/100Mbps RJ-45 PoE Ports

### Key Features

- IEEE 802.3x Flow Control protects against lost packets for reliable data transmission
- 10/100Mbps, full/half-duplex, auto-negotiation, auto-MDI/MDIX
- PoE on/off control per port by dip switches
- 19-inch metal housing
- 

### 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

**Buffer Memory:**

160KB

**Connectors and Cabling:**

16 x 10/100Base-TX RJ-45 PoE Ports

**Button/Knob:**

Power On/Off Switch , PoE 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:**

< 120W (FEP-1601W120)

< 150W (FEP-1601W150)

< 250W (FEP-1601)

< 380W (FEP-1601W380)

## Features

**PoE:**

Power Budget: Max.112W (FEP-1601W120)

Max.142W (FEP-1601W150)

Max.242W (FEP-1601)

Max.372W (FEP-1601W380)

Power Output: 56V DC, up to 30W per port

Protection: PoE over current & PoE circuit sorting protection,

Pin Assignment: 4/5(+), 7/8(-)

## 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):

480 x 118 x 44 mm

Weight (g):

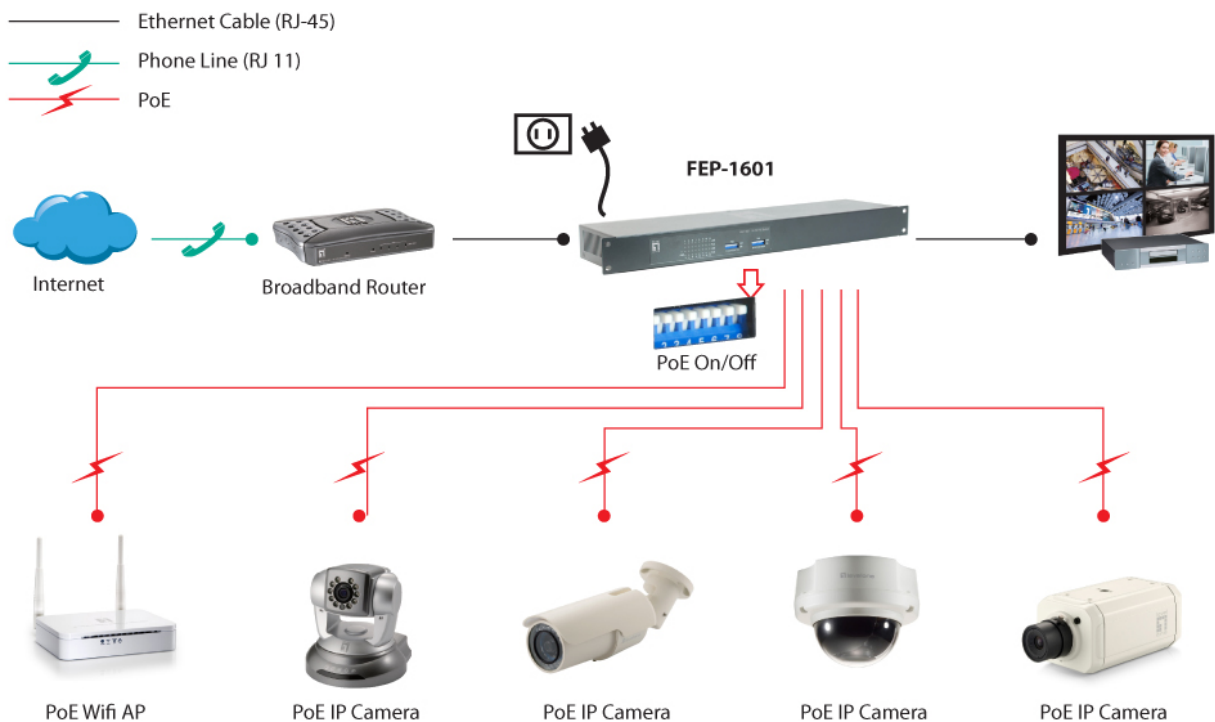
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## Approval and Compliance

EMI/EMS:

FCC, CE, RoHS

## Diagram



## Order Information

FEP-1601: 250W

FEP-1601W120: 120W

FEP-1601W150: 150W

FEP-1601W380: 380W

## Package Contents

FEP-1601

Power Cord

User Manual

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