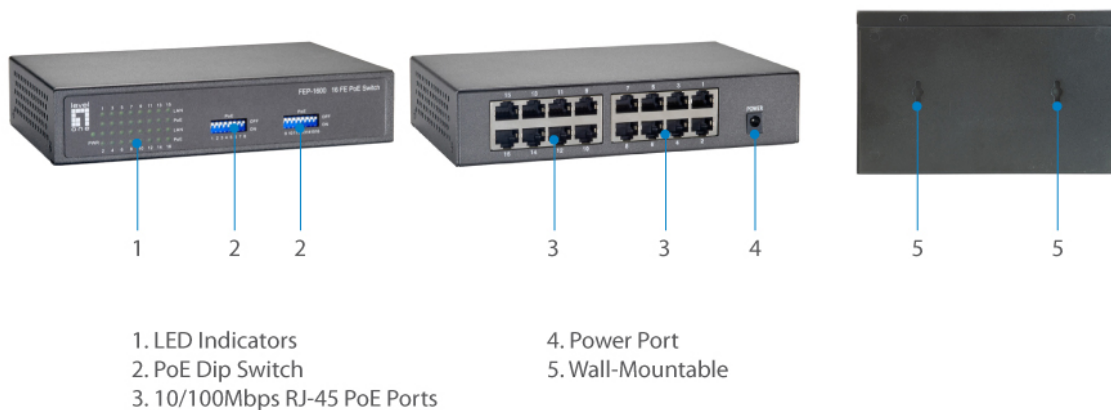


FEP-1600 Version: 1



## 16-Port Fast Ethernet PoE Switch

FEP-1600 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-1600 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. Dual 10/100Mbps ports can connect with other edge switches or NVR as uplink 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
- Simple Plug and Play installation

### 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:

PoE Power On/Off Switch

#### Indicator:

Power, Active, 10/100M, PoE

#### Transmission Method:

Store-and-Forward

#### Power Input:

56VDC

#### Power Consumption:

< 90W (FEP-1600W90)

< 120W (FEP-1600)

### Features

#### PoE:

Power Budget: Max. 82W (FEP-1600W90)

Max. 112W (FEP-1600)

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

### Physical Specifications

#### Dimensions (W x D x H mm):

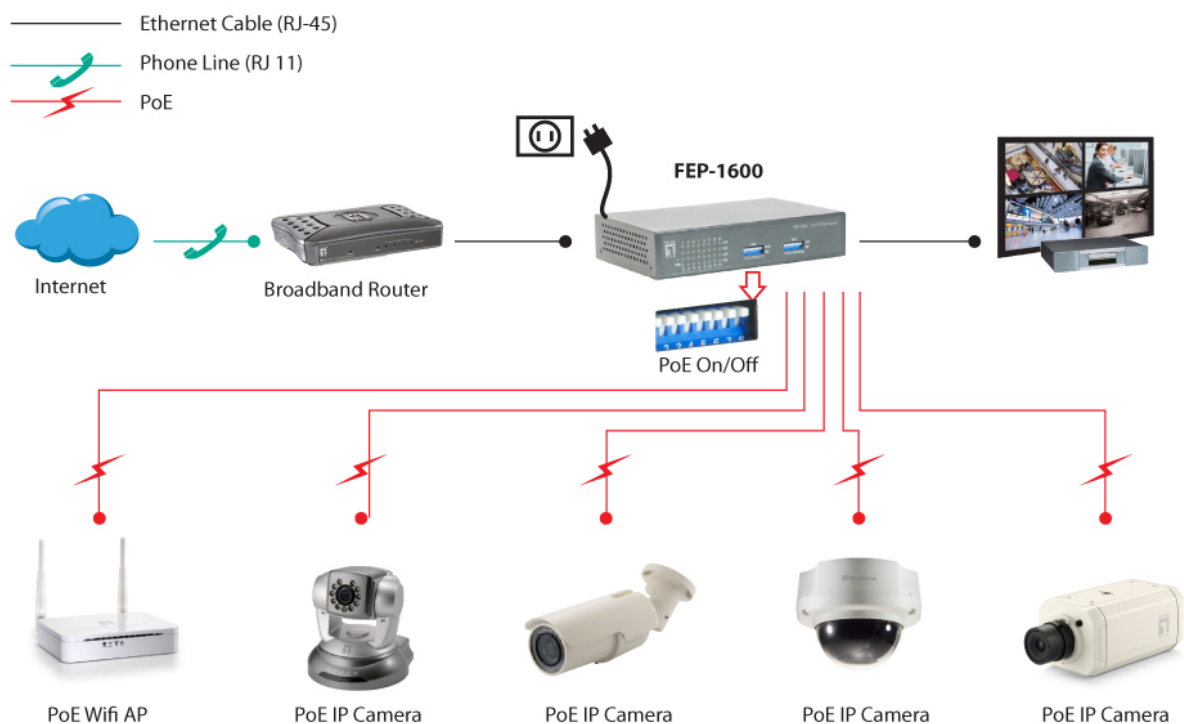
188 x 118 x 38 mm

Weight (g):  
1200g

## Approval and Compliance

EMI/EMS:  
FCC, CE, RoHS

## Diagram



## Order Information

FEP-1600: 120W  
FEP-1600W90: 90W

## Package Contents

FEP-1600  
Power Adapter  
Power Cord  
User Manual

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