

# 16-Port Fast Ethernet PoE Plus Switch



FEP-1612

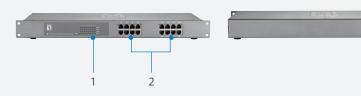
## H/W Version: 1

LevelOne FEP-1612 features 16 10/100Mbps Fast Ethernet ports with IEEE 802.3at/af PoE interfaces. It supports MDI / MDI-X convertible on 16 10/100Mbps ports and provides PoE inject function on PoE ports which are able to IEEE 802.3af or 802.3at compliant powered devices remotely.

The FEP-1612 equipped with the MDI/MDI-X auto detection for easily plug and play connection, regardless of cabling types in straight through or crossover. It also provides a simple, cost-effective, and

highly reliable network connection for data and power transmission. Furthermore, it is the ideal device for bridging among Ethernet, Fast Ethernet workgroups and networks. It fits all kind of Ethernet installations such as campus, workgroup, department, enterprise, telecom or industrial applications.

The FEP-1612 features non-blocking 3.2Gbps backplane that greatly simplifies the tasks of upgrading your LAN for catering to increase bandwidth demands.



- 1. LED Indicators
- 2. 10/100Mbps RJ-45 PoE Ports
- 3. Power Socket
- 4. Power On / Off Switch

# **Key Features**

- IEEE 802.3at PoE Plus compliant to simplify deployment and installation
- Auto-detection and protection of non-standard PoE devices
- Supports auto-negotiation and auto-MDI/MDI-X cable detection on each port
- Store-and-Forward architecture to ensure error-free communications
- IEEE 802.3x flow control protects against lost packets for reliable data transmission
- 19-inch metal housing
- Simple Plug and Play installation
- Total PoE power budget: 480W, up to 30W per port
- Internal power supply

## **Related Products**



FCS-5061 Day/Night 5-Megapixel PoE Plus Outdoor Network Camera



**WAP-6012** 300Mbps Wireless Gigabit PoE Access Point

# **Technical Specifications**

#### **Standards**

IEEE 802.3 10-BASE-T (Ethernet)

IEEE 802.3u 100-BASE-TX (Fast Ethernet)

IEEE 802.3x Flow Control (full-duplex flow control)

IEEE 802.3af Power over Ethernet

IEEE 802.3at Power over Ethernet Plus

#### **Features**

MAC Address: 4K Buffer Memory: 160KB

Transmission Method: Store and Forward

Backplane: 3.2Gbps

## Filtering/Forwarding Rates

100Mbps port-148,000pps 10Mbps port-14,880pps

#### **Transmission Media**

10Base T Cat. 3, 4, 5 UTP/STP 100Base TX Cat. 5 UTP/STP

## **Network Interface**

16 x 10/100Mbps RJ-45 PoE Ports

## **PoE Spec**

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 Budget: Max. 480W

Power Pin Assignment: 1/2(+), 3/6(-)

#### **LED Indicators**

Power, Active, 10/100M, PoE

## **Power Input**

100-240V AC, 50-60 Hz, 5A Internal Power Supply

## **Power Consumption**

500W

# Dimensions (L x W x H)

480 x 200 x 44mm

# Weight

2.85kg

## Temperature

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

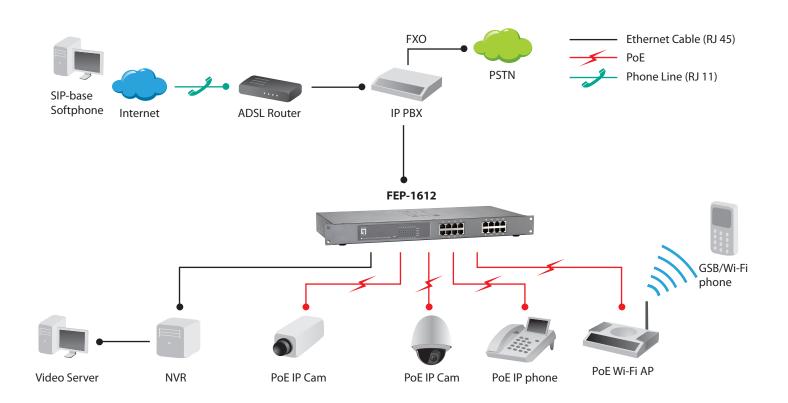
## Humidity

Operating: 10~90% (Non-condensing) Storage: 10~90% (Non-condensing)

# Certifications

FCC, CE

# **Product Diagram**



**Order Information** 

FEP-1612: 16-Port Fast Ethernet PoE Plus Switch

**Package Contents** 

FEP-1612

Rubber Feet x 4

Power Cord

Quick Installation Guide