

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

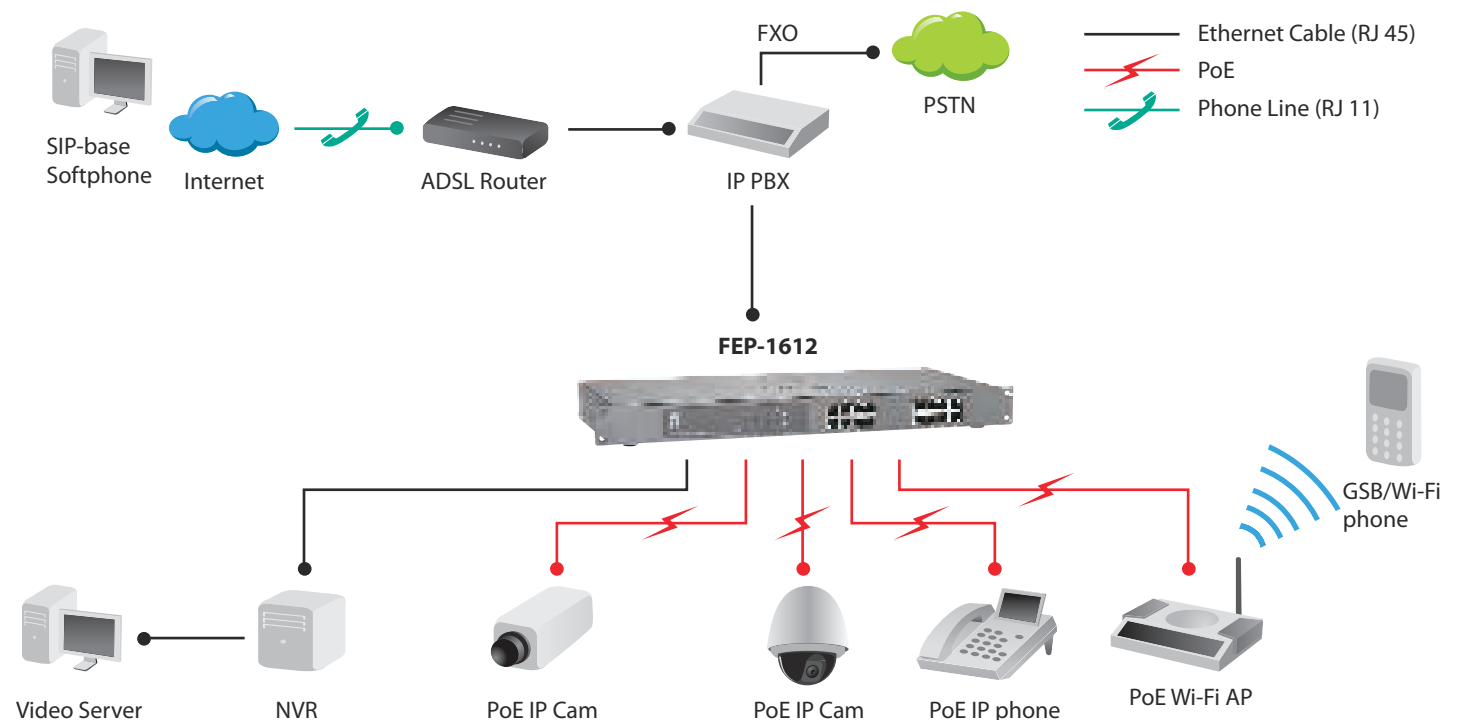
Humidity

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