FEP-1600

16 FE PoE Switch

User Manual

Ver 1.0

1. Introductions

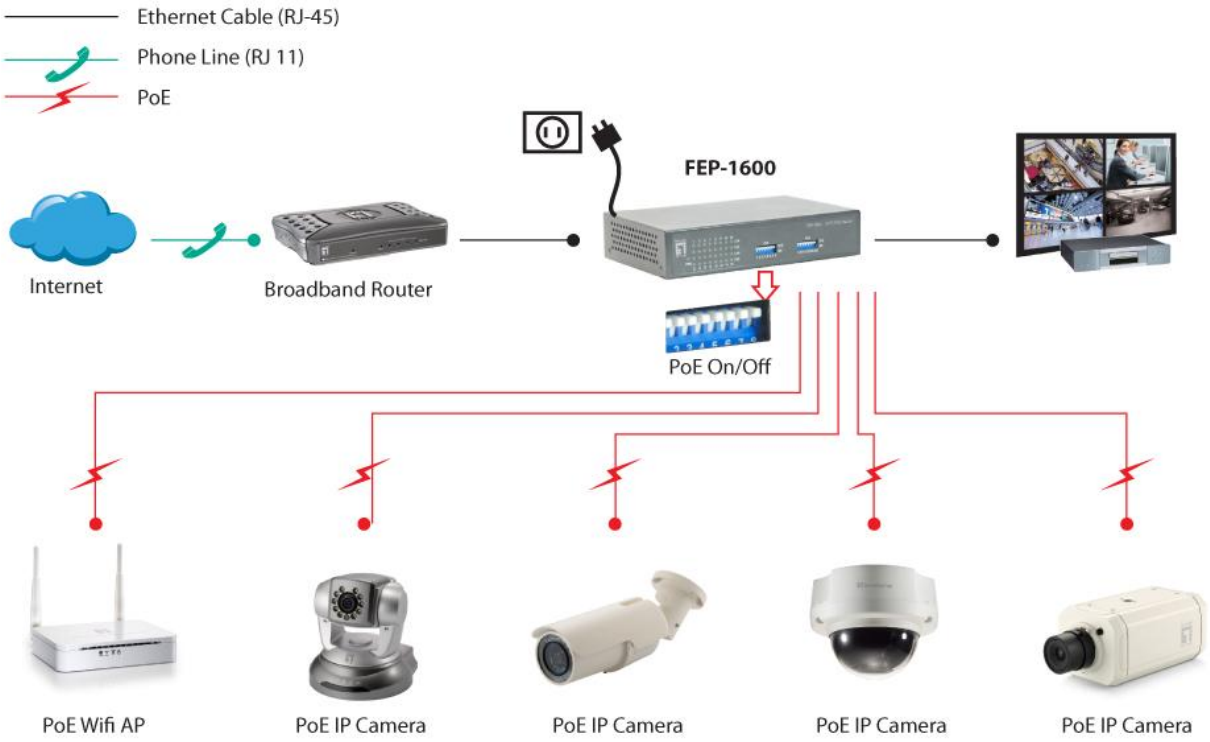
Thank you for purchasing the **Port PoE Switch**.

The **PoE Switch**, is a 16-port 10/100Mbps Fast Ethernet Switch with Power over Ethernet capability. With 16 dip switches, each PoE port can be manually set for On-Off control. 16-Port PoE Switch supports up to 15.4W/30W on each LAN port when the corresponding port DIP switch is set ON.

The **PoE Switch** supports power protections as OVP (Over Voltage Protection), OCP (Over Current Protection), OTP (Over Temperature Protection), robust short-circuit protection and surge protection. You may also make use of PoE repeater to extend another 100 meters or serveral 100 meters distance if multiple PoE repeaters are cascaded.

2. Application

PoE Switch Connects with PoE PD Devices



3. Packing Contents

Inside the package you shall find:

(1) 16-Port FE PoE Switch

(2) Power Adaptor (DC56V 2.14A)

(3) User Manual

Please check if the packing is damaged or any component is missing. If so, please contact your distributor.

4. Technical Specifications

Standards	IEEE 802.3 10BaseT IEEE 802.3u 100BaseTX IEEE 802.3x Flow Control IEEE 802.3af /midspan PoE compliant
Features	MAC Address: 2K Buffer Memory: 512K bits Transmission Method: Store and Forward
Filtering/Forwarding Rates	100Mbps port - 148,800pps 10Mbps port - 14,880pps
Transmission Media	10BaseT Cat. 3, 4, 5 UTP/STP 100BaseTX Cat. 5 UTP/STP
PoE on each Port	15.4W/30W
Output PoE Pin	4, 5, 7, 8
LED Indicators	Per Port: Link/Act with 10/100M, PoE ON/OFF Per Unit: Power
Power Adaptor	Input: 100-240VAC, 50~60Hz Output: 56VDC 2.14A (120W)
Dimensions	188 × 118 × 38 mm (L x W x H)
Weight	1.5 kg
Operating Temperature	0 to 50℃
Humidity	10 to 90% RH (non-condensing)
Certifications	FCC Class A, CE

5. LED Indicators

On the front panel of 16-Port PoE Switch, there are 33 LED indicators as the following;

POWER: "**Green On**" indicates power is on and normal.

LINK: "**Green On**" indicates each Ethernet LAN port is in connection.
"**Fast Flashing**" indicates each Ethernet LAN data activities at 100M.
"**Slow Flashing**" indicates each Ethernet LAN data activities at 10M.

PoE: "**Green On**" indicates Power over Ethernet function is enabled for each port.
"**OFF**" indicates the PoE is disabled, and it becomes a regular LAN port.

6. Dip Switch Settings vs Power over Ethernet

	1 ~ 16 ports DIP ON
Per PoE Port	**15.4/30Watts Injected**
Maximum PoE Power	**115 Watts**

Note that the dip switches can be switched ON and OFF anytime. However, it is suggested that the dip switches be set ready before the PoE port is connected for power management.

The device will be re-started if the overall PoE power consumption is over the power budget. Please make less PoE ports enabled when over the power budget.