# FEP-0800

## 8 FE PoE Switch

## User Manual

Ver 1.0

# 1. Introductions

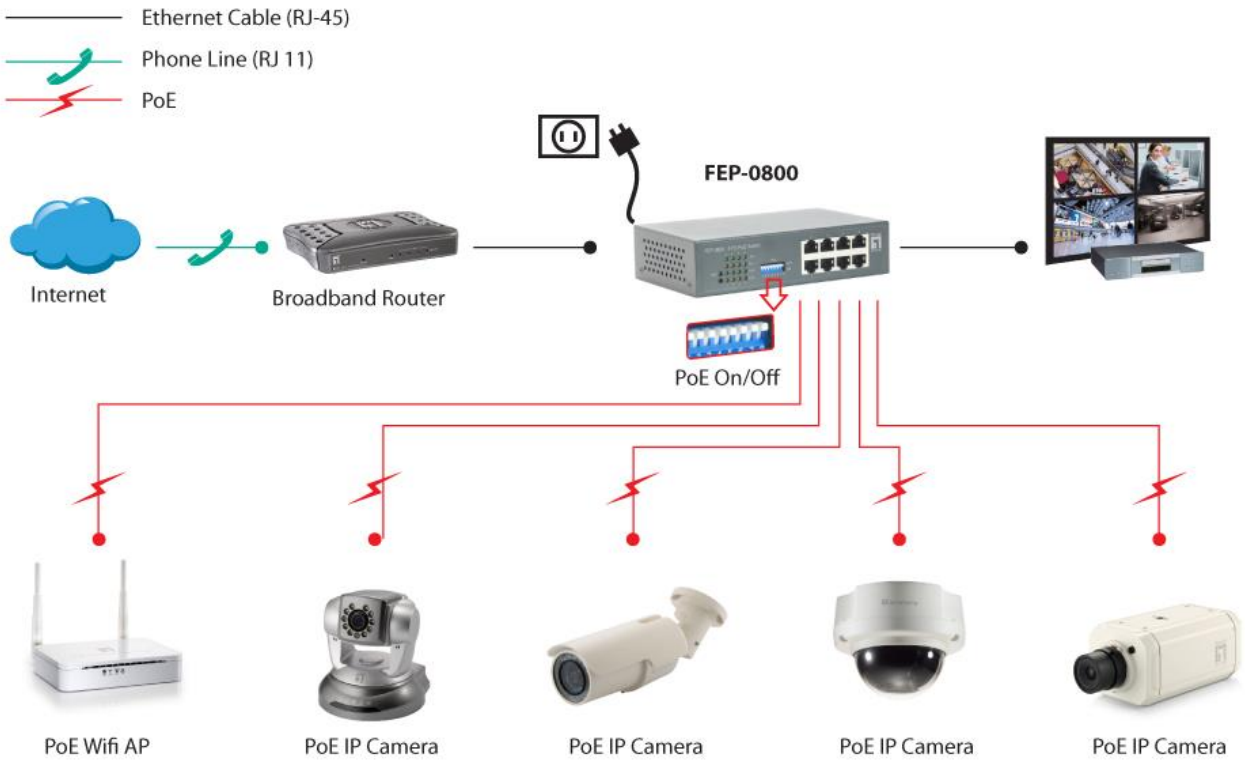
Thank you for purchasing the **PoE Switch**.

The **PoE Switch**, is a 8-port 10/100Mbps PoE Switch with PoE On/Off control capability. With 8 dip switches, each PoE port can be manually set for On-Off control. 8-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) 8-Port PoE Switch

(2) Power Adapter

(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/u 10/100BaseT/TX<br>IEEE 802.3x Flow Control<br>Midspan PoE compliant |
| **Features** | MAC Address: 4K<br>Buffer Memory: 512KB<br>Transmission Method: Store and Forward |
| **Filtering/Forwarding Rates** | 100Mbps port - 148,800pps<br>10Mbps port - 14,880pps |
| **Transmission Media** | 10BaseT Cat. 3, 4, 5 UTP<br>100BaseTX Cat. 5 UTP |
| **PoE on each Port** | 30W |
| **Output PoE Pin** | 4, 5, 7, 8 |
| **LED Indicators** | Port 1~8: 10/100M, PoE ON/OFF, Power |
| **Power Adaptor** | Input: 100-240VAC, 50~60Hz<br>Output: 56VDC 1.6A (90W) |
| **Dimensions** | 165 × 100 × 40 mm (L x W x H) |
| **Weight** | 0.6 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 8-Port FE PoE Switch, there are 17 LED indicators as the following;

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

**Port 1~8 LAN:** "**Green On**" indicates each Ethernet LAN port is in connection.
**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 ~ 8 ports DIP ON** |
|---|---|
| **Per PoE Port** | **15.4/30 Watts Injected** |
| **Maximum PoE Power** | **85 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.