

## POE-FSH2442G

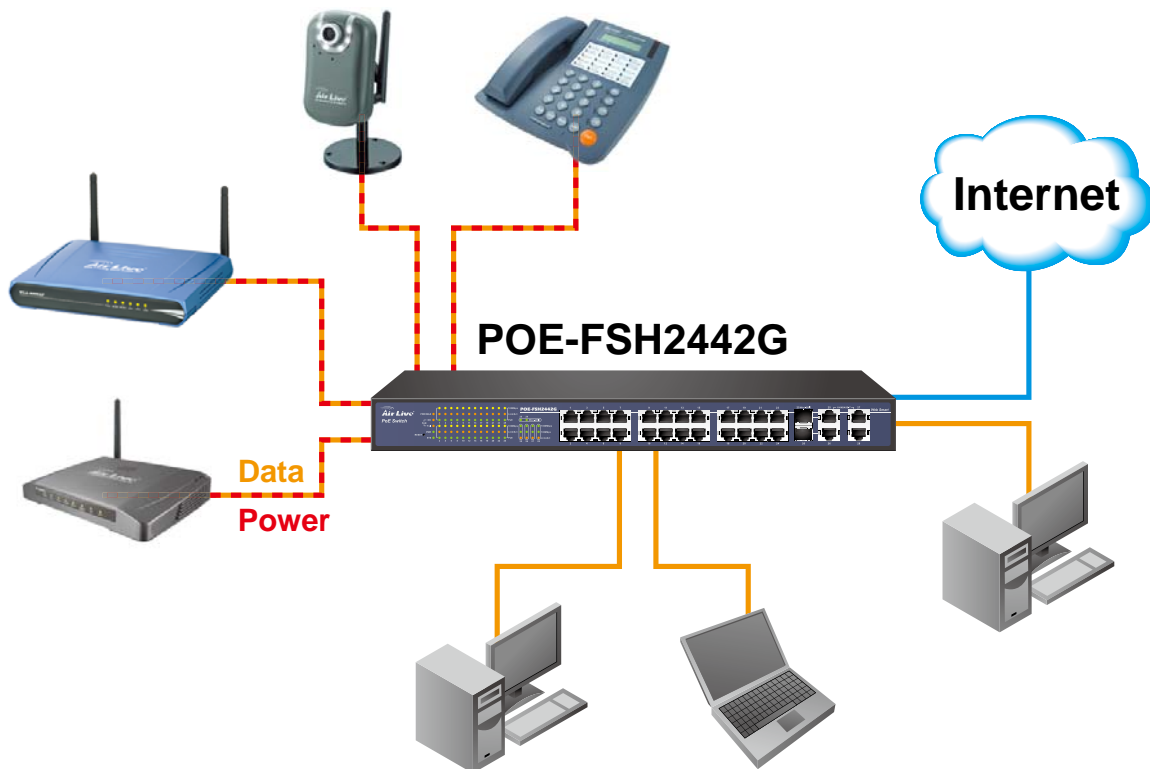
### 24+4-port Web Smart PoE Switch

The POE-FSH2442G is a 24+4-Port Mixed Gigabit Ethernet Web Smart PoE Switch. Port 1 ~ 24 support Power over Ethernet (PoE). It can automatically detect the presence of an IEEE802.3af compliant powered device (PD) and provide power through the port. The switch provides up to 15.4W per PoE port and can be used to power AP, IP phone, IP Cam and other PD devices. With additional two Mini-GBIC slots, you can extend link distance more than 200m for optional Mini-GBIC modules. It is an ideal solution for enterprise or WISP to deploy PoE network environment.



### PoE Function

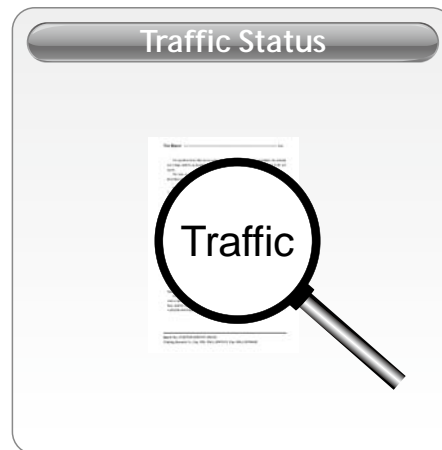
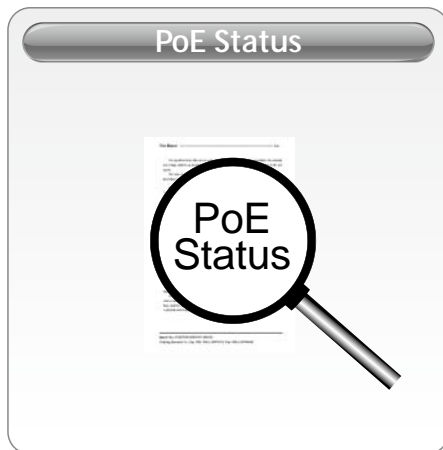
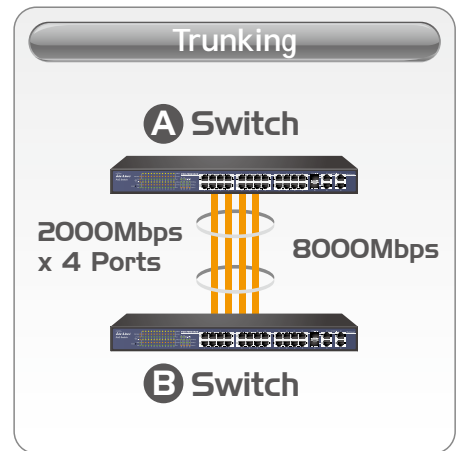
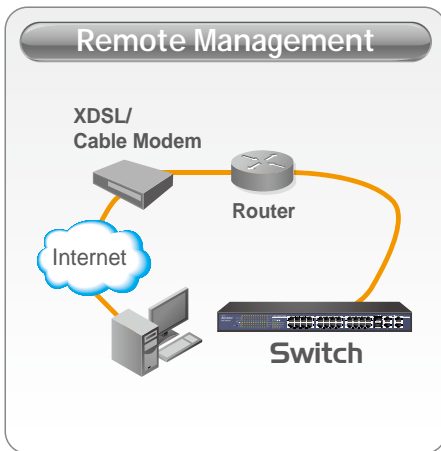
With PoE function, POE-FSH2442G will provide power to PoE compatible device, such as IP phone, wireless LAN access point, and IP camera. POE-FSH2442G has 24 PoE ports, and supports up to 15.4W for each PoE Port, total PoE power is Maximum 170W.



## Web management

Through the Web browser, you can configure POE-FSH2442G such as Tag VLAN, Port Trunking, Priority Queues, Port Mirroring and Broadcast Storm. We also provide another way to control your POE-FSH2442G. With the attached Web management Utility, you can easily discover all the Web Management Switch, assigning the IP address, changing the password and upgrading the new firmware

Furthermore, with displaying PoE Status via WebUI, you can easily monitor power consumption of Switch, control power limitation of port to the powered devices, and enable or disable the PoE function of the selected port.



### Specifications

#### Standard

- IEEE 802.3 10BASE-T
- IEEE 802.3u 100BASE-TX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.3z 1000BASE-SX/LX (GBIC)
- IEEE 802.3af DTE Power via MDI (12,36 pin)

#### Interface

- 24 x 10/100Mbps Auto-negotiation, Auto-MDIX PoE ports (port 1 ~ port 24)
- 4 x 10/100/1000Mbps Auto-MDIX Gigabit Ethernet ports (port 25 ~ port 28)
- 2 x mini GBIC ports, share with 2 1000BASE-T ports(port 25 ~ port 26)

### Management

- Supports 802.1Q VLAN with 256 VLAN groups
- Supports 802.1p Priority Queues
- Supports static Port Trunk (Support Maximum 6 groups per device and 8 ports per group)
- Supports Port Mirroring
- Supports Broadcast Storm Control
- Supports DHCP Client
- Supports Port setting function allow user setting each port, speed, duplex mode and configure through Web browser
- Supports Port-setting for Speed/Disable, QoS

### PoE

- Up to 15.4W for PoE per port
- Maximum 170W for all PoE ports (per device)
- PD classification identify
- Manual setting for PoE power limitation
- Supports PoE Priority setting
- PoE Over Current Protection
- PoE Circuit sorting protection
- PoE Power on RJ-45 pin 3,6 for Power(+) and pin 1,2 for Power(-)

### Power Supply

- 26.5 watts. (max. no PD device connected)
- 196.5 watts (max. for up to 11 PoE Device connected)

### Protoco

- CSMA/CD

### Topology

- Star

### Network Data Transfer Rate

- Ethernet
  - 10Mbps (Half-duplex)
  - 20Mbps (Full-duplex)
- Fast Ethernet
  - 100Mbps (Half-duplex)
  - 200Mbps (Full-duplex)
- Gigabit Ethernet
  - 2000Mbps (Full-duplex)

### Bandwidth

- 12.8 Gbps

### Buffer memory

- 128KBytes

### Address table

- 8K

### LED indicators

- Per Unit: Power, System ( 2 LEDs )
- Per port: TX: Link/Activity, Speed ( 2 LEDs )
- PoE: PoE Status (port 1 ~ port 24) (bi-color LED)
- Per Copper Gigabit Port: Link/ACT, 1000M, 100M
- Per GBIC Gigabit Port: Link/ACT, 1000M

### Power

- 100 - 240VAC 50/60Hz, Internal Universal Switching Power

### Temperature

- Operating: 0 to 40°C
- Storage: -10 to 70°C

### Humidity

- Operating: 10% ~ 90%
- Storage: 5% ~ 90%

### Emission

- CE Class A
- FCC Part 15 Class A
- VCCI-A

### Safety

- cUL (UL 60950)
- CB(IEC 60950)

### Dimensions

- 440 x 210 x 44 mm

### Product weight (g)

- 3220 g

**Ordering Information:**

**POE-FSH2442G** 24+4-port Web Smart PoE Switch

**Optional Accessories:**

**MGB-SX** 1000Base-SX MiniGBIC Fiber Gigabit Transceiver, LC connector

**MGB-LX-10** 1000Base-LX MiniGBIC Fiber Gigabit Transceiver, LC connector, 10km