

# 8-Port PoE+

## LITE-SMART FAST ETHERNET SWITCH

PoE Power Budget

- Full
- 75%
- 50%
- 25%

### UNIQUE POWER BUDGET DISPLAY

Budget your Power without Guessing



Deliver data **and** power to your network device.

The ES-7246PoE is an advanced Lite-Smart Fast Ethernet Switch. It is equipped with 8 Fast Ethernet ports, as well as two Gigabit Ethernet ports. It is specifically designed for connecting to IP cameras.

The ES-7246PoE supplies a 90 watt power budget for PoE function. Under the power budget, each Fast Ethernet port can support up to 30 watt power which is compliant with the IEEE 802.3af & IEEE 802.3at standards. Its unique power budget display also allows you to know what resources are available with just a glance.

### KEY BENEFITS

#### Unique Power Budget Display

Front panel display lets you always know how much power budget is left to distribute.

#### Simple & Effective Management

Controls remote network monitoring, traffic prioritization, PoE port assignment and VLAN features.

#### PoE+

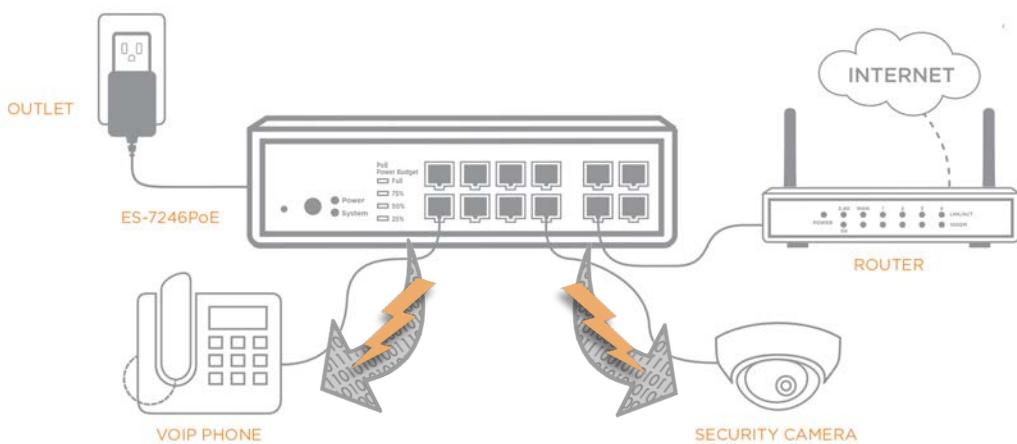
Supplies up to 30 watts of power per port for high powered devices.  
Supports IEEE 802.3af & 802.3at standards.

#### PoE Management Features

Assign per port PoE power budget, remotely reboot your PoE devices, and access real time display of port power consumption.

# ES-7246PoE

## Power & Data Over the Lines



## FEATURES

- 8 Fast Ethernet PoE LAN + 2 Gigabit Ethernet/SFP combo ports
- PoE Standards: IEEE 802.3af/IEEE 802.3at
- PoE Capable Ports: Ports 1-8  
9-10 Gigabit Ethernet Ports do not support PoE
- PoE output power capacity:  
Maximum output: 30 watts per port  
90 watts total power budget
- Switching capability: 16Gbps
- Dimension: 8.3x6.3x1.7in (WxDxH)
- Wall mount bracket included

## SPECIFICATIONS

### Port Functions:

10/100/1000 base-T LAN, Ports 1-8 comply with:

IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3az

- Support Half/Full-Duplex operation, Auto-negotiation, Auto MDI/MDIX

- Support IEEE 802.3x Flow Control. (Full-Duplex mode)

10/100/1000 base-T LAN : Port 9-10, comply with : IEEE 802.3, IEEE 802.3u

IEEE 802.3ab, IEEE 802.3az

- Support Half/Full-Duplex operation, Auto-negotiation, Auto MDI/MDIX

- Support IEEE 802.3x Flow Control. (Full-Duplex mode)

- IEEE 802.3x, Flow Control support for Full-Duplex mode

SFP Ports : Port 9-10, comply with IEEE 802.3z.

### PoE Functions:

PoE Standards: IEEE 802.3af & IEEE 802.3at

PoE Capable Ports: Ports 1-8

PoE output power capacity: Maximum output: 30 watt per port

1. Support PoE and PoE+. (IEEE 802.3af & IEEE 802.3at standards)

2. Automatically discover the connection of PD device.

3. Automatically disable port if the port current is over 720mA.

4. Via Web setting, working mode of each port can be configured.

5. When port is in the Auto mode, output port power limit will be associated with PD Classification Value.

6. Priority of POE port is configurable. (Default setting is lower port No. higher priority.)

### Ethernet Switch Controller Performance

- Switching Capability: 5.6Gbps

- MAC Address table size: 4K

- SDRAM for CPU: null

- Packet Buffer memory: 2.75M bit

- Wire speed on all ports and port options: Full-wire speed (full-duplex) operation on all FE/GE ports

- Priority Queue: 2 queues

- Forwarding Mode: Store and Forward

- Flow Control:

1. 802.3x when Full Duplex

2. Back Pressure when Half Duplex

3. Head-of-line blocking prevention

### Housing:

- Dimension 8.3x6.3x1.7in (WxDxH)

- Wall Mount: Wall Mount Bracket

### Environmental

- Operating Temperature: 0~40 degrees C

- Storage Temperature: -20~70 degrees C

- Humidity: Operation 20~80%, non-condensing

- Storage: 10~90%, non-condensing