ES-7246PoE

COMTREND

8-Port PoE+

LITE-SMART FAST ETHERNET SWITCH

UNIQUE POWER BUDGET DISPLAY

Budget your Power Without Guessing

PRODUCT OVERVIEW
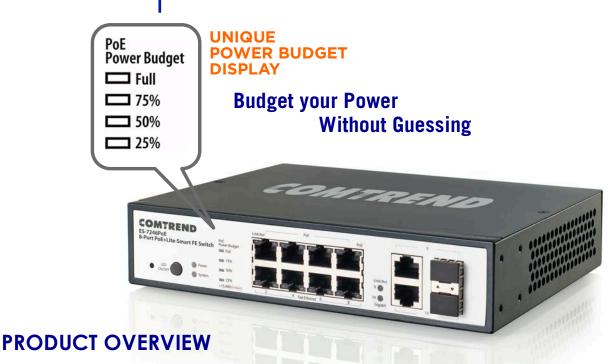
The ES-7246PoE is an advanced Lite-Smart Fast Ethernet Switch. It is equipped with 8 Fast Ethernet ports, as well as two Gigabit Ethernet ports. It is specifically designed for connecting to IP cameras. The ES-7246PoE supplies a 90 watt power budget for PoE function. Under the power budget, each Fast 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 is left to distribute.

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

Simple & Effective Management
Controls remote network monitoring, traffic prioritization, PoE port assignment and VLAN features.

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

Deliver data and power to your network devices.

Outlet

VOIP Phone   **IP Camera**   **Router**

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: 5.6Gbps

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

- Wall mount bracket included

SPECIFICATIONS

Port Functions:

10/100 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.)

Ethernet Switch Controller Performance

-Switching Capability: 5.6Gbps

-MAC Address table size: 4K

- SDRM 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