

## 24-port Plug & Play Hub adds PoE (Power over Ethernet)



802.3af  
Mid-span

PoE

15.4w  
per port

Plug & Play

10M  
100M

Metal Shape

### Simply enables up to 24 PoE devices to be connected to an existing Network

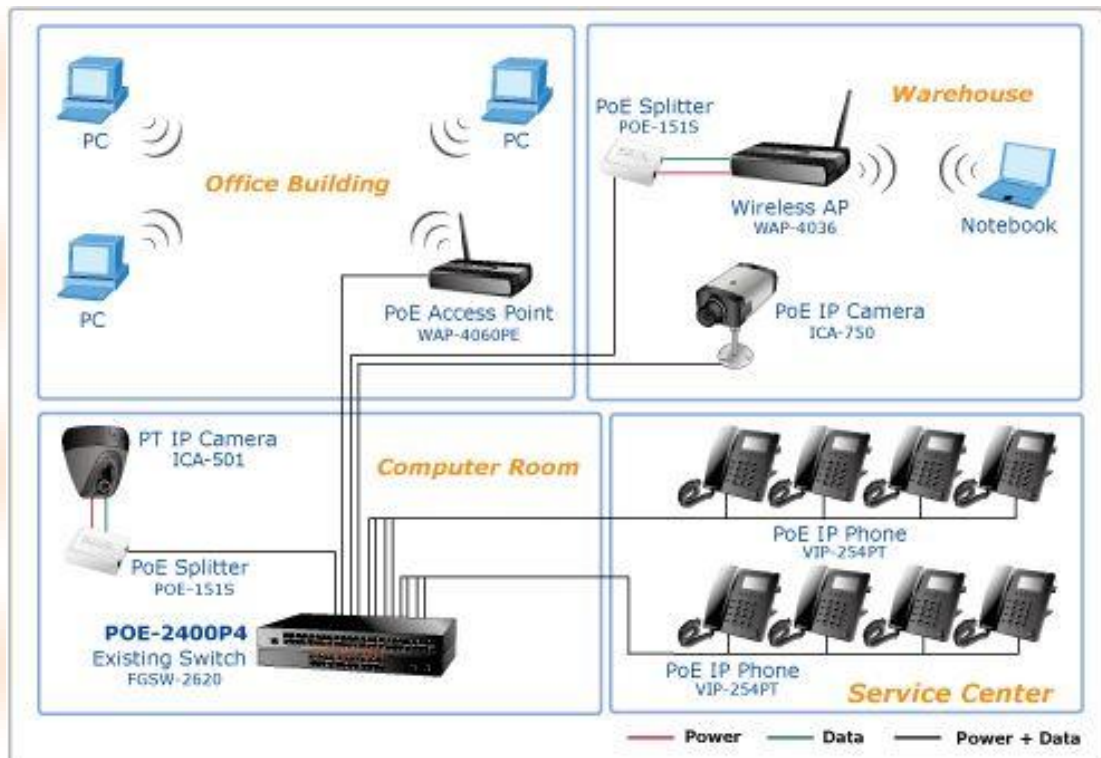
The PLANET POE-2400P4 is 24-Port IEEE 802.3af Power over Ethernet Web Management injector Hub and complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3af standards. With 24 10/100Base-TX Fast Ethernet ports, POE-2400P4 support full 48V DC power for any remote IEEE 802.3af powered device (PD) such as a Wireless LAN Access Point, IP phone, or IP Camera. Supporting PoE power budget of 380 watts, POE-2400P4 provides sufficient 15.4 watts PoE power to 24 remote PD devices.

### Easy Cabling installation

The POE-2400P4 is installed between a regular Ethernet Switch and the powered devices, injecting power without affecting the data transmission. They offer a cost effective and quick solution to upgrade a network to IEEE 802.3af Power over Ethernet without replacing the existing Ethernet switch. There are 48 RJ-45 STP ports on the front panel of PoE Injector Hub, in which the 24 ports on the lower stack function as "Data input" and the other 24 ports on the upper stack function as "PoE (Data and Power) output". Each of the "PoE output" ports on the upper stack operates as a power injector which transmits DC Voltage to the CAT 5 cable to transfer data and power simultaneously between the Injector and Splitter.

### Friendly / Simple Web Management Interface

To efficiently manage the powered devices, POE-2400P4 has a Web management interface functions include port Enable / Disable, port priority, system configuration, and Username / Password changing and smart features for powered devices. The PoE injector Hub can auto detect the power status of each port and show messages on its Web management interface. These features also provide a cost-effective way to manage the device via the Internet.



### PoE Injector Hub Application

For locations with hard to find the power outlets, POE-2400P4 provides the easiest way of powering Ethernet devices such as IP Cameras and Wireless Access Points installed around buildings.

POE-2400P4 can be used with PoE IP phones to build a Voice over IP telephony network in an office. The POE-2400P4 can be directly connected to any 802.3af compliant Ethernet devices and PoE Switches installed up to 100 meters away.

## Key Features

### Interface

- 48-Port RJ-45 STP
- 24-Port "Data input"
- 24-Port "PoE (Data + Power) output"
- 1 10/100Base-TX Management port with Auto MDI / MDI-X feature

### PoE

- Complies with IEEE 802.3af Power over Ethernet Mid-Span PSE
- Up to 24 IEEE 802.3af devices powered
- Support PoE Power up to 15.4 watts for each PoE ports
- Auto detect powered device (PD)
- Circuit protection prevent power interference between ports
- Remote power feeding up to 100m

### PoE Management

- Total PoE power budget control
- Per port PoE function enable/disable
- PoE Port Power feeding priority
- Per PoE port power limit
- PD classification detection

### Management

- Web interface for remote management
- Firmware upgrade through Web interface
- PLANET Smart Discovery utility automatically finds PLANET devices on the network
- SNMP Trap for alarm notification of events

### Hardware

- 19-inch rack mountable; 1U height
- Reset button for reset to default setting and system reboot
- LED indicators for PoE ready and PoE activity

### Standard Compliance

- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3af Power over Ethernet
- FCC Part 15 Class A, CE

## Specification



Model	POE-1200P2
<b>Hardware Specification</b>	
Interface	"Data" Input Ports: 24 x RJ-45 STP "PoE (Data+Power)" Output Ports: 24 x RJ-45 STP Management Port: 1 x RJ-45; 10/100Base-TX, auto-negotiation, auto-MDI / MDIX
LED	System: Power x 1 (Green) Management Port x2: 10/100 (Green / Orange) Per PoE Port: PoE in Use x 1 (Green)
Network Cable	10Base-T: 2-Pair UTP Cat. 3, 4, or 5 up to 100m (328ft) 100Base-TX: 2-Pair UTP Cat. 3, 4, or 5 up to 100m (328ft) EIA/TIA- 568 100-ohm STP (100m)
Dimension (W x D x H)	440 x 200 x 44 mm (1U height)
Weight	3.3kg
Power Requirement	100-240V AC, 50/60 Hz
Power Consumption	400 watts max.
Operating Temperature	0 ~ 50 Degree C
Storage Temperature	-40 ~ 70 Degree C
Humidity	5 ~ 95% (Non-condensing)
Cooling	Fan x 2
<b>Power over Ethernet</b>	
PoE Standard	IEEE 802.3af Power over Ethernet / Mid-Span PSE
PoE Power supply Type	Mid-Span
PoE Power Output	Per Port DC 48V 15.4 watts
Power Pin Assignment	4/5(+), 7/8(-)
PoE Power Budget	380 Watts
<b>Management</b>	
Management Interface	Web, PLANET Smart Discovery Lite
PoE Management	Power Limit by Priority and Total Limit Per port power enable/disable Power feeding priority Current usage and status Total power consumption