

12-Port IEEE 802.3af PoE Web Management Injector Hub



Quick and Easy Gigabit PoE Network Deployment

PLANET POE-1200G is a 12-port Gigabit IEEE 802.3af PoE Web Management Injector Hub, which complies with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab and IEEE 802.3af standards. With 12 10/100/1000Base-T Gigabit Ethernet ports, the POE-1200G supports full 48V DC power for any remote IEEE 802.3af powered devices (PDs) such as wireless LAN access points, IP phones, and IP cameras. Supporting full PoE power budget of 190 watts, the POE-1200G provides sufficient 15.4-watt PoE power to 12 remote PD devices.

Easy Cabling Installation

The POE-1200G is installed between a regular Ethernet Switch and the powered devices; it injects power to the PDs without affecting data transmission performance. It offers a cost effective and quick solution to upgrading network system to IEEE 802.3af Power over Ethernet system without replacing the existing Ethernet switch. There are 24 RJ-45 STP ports on the front panel of the POE-1200G, of which the 12 ports are on the lower stack function as "Data input" and the other 12 ports are on the upper stack function as "PoE (Data and Power) output". The 12 "PoE output" ports are also the power injectors that transmit DC voltage to the CAT 3/4/5/5e/6 cable and transfer data and power simultaneously between the Injectors and Splitters.

Friendly / Simple Web Management Interface

To efficiently manage the powered devices, the POE-1200G provides Web management interface in which administrators can control the functions including port enable / disable, port priority, system configuration, and User Name / Password changing and smart features for powered devices. The PoE injector Hub can automatically detect the power status of each port and show messages on its Web management interface. These features also provide users with a cost-effective way to manage the device via Internet whenever they are at work or at home.

Interface

- 24-Port 10/100/1000Base-T Gigabit RJ-45 STP
 - 12-Port "Data input"
 - 12-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 12 IEEE 802.3af devices powered
- Supports PoE power up to 15.4 watts for each PoE port
- Detects powered device (PD) automatically
- Circuit protection prevents power interference between ports
- Remote power feeding up to 100 meters

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
- PoE Power Schedule
- Over Temperature Protection

Management

- Web interface for remote management
- Supports Network Time Protocol
- 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 default setting and system reboot
- LED indicators for PoE ready, PoE activity, Fan Alert and Power Alert

Standard Compliance

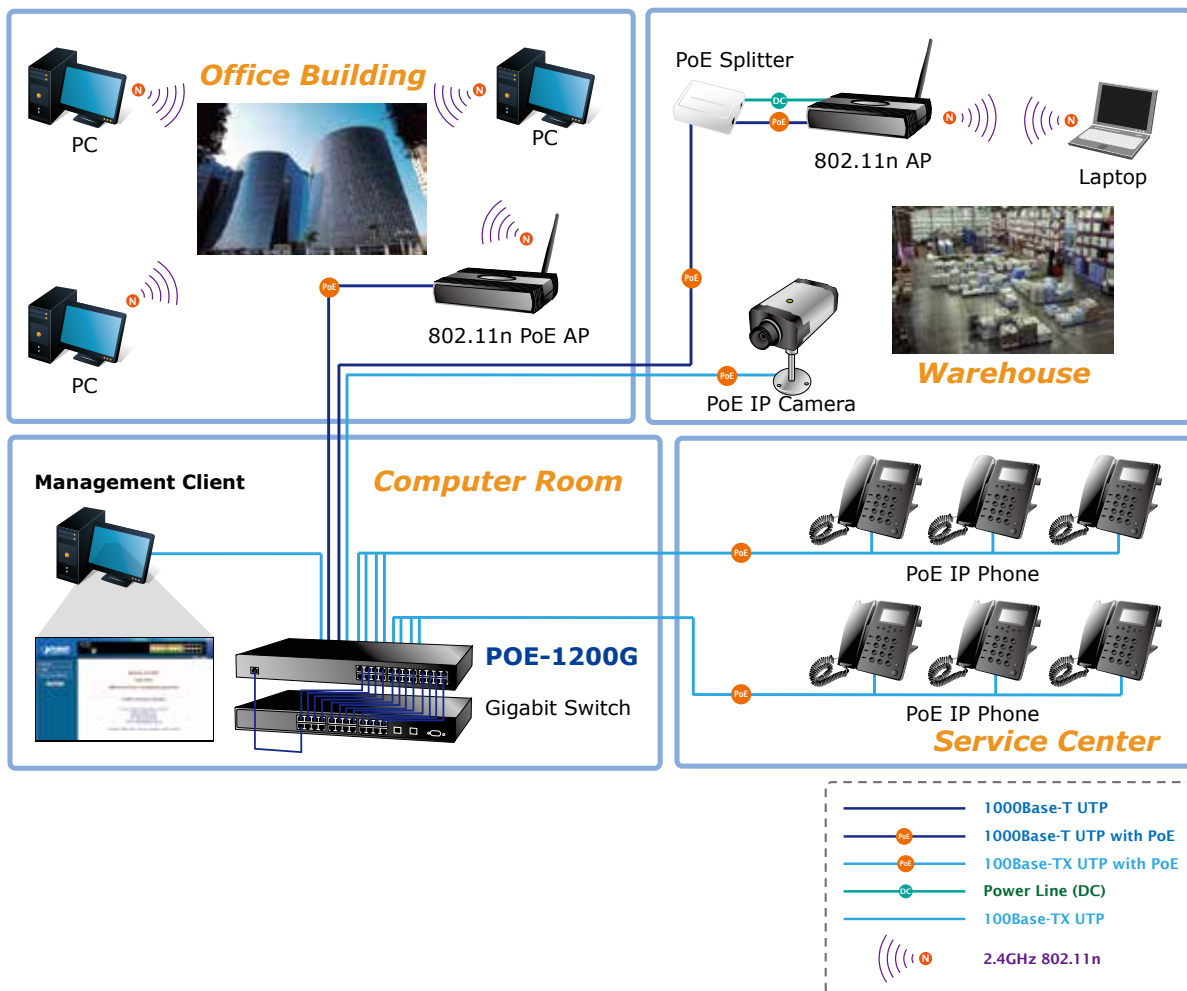
- IEEE 802.3 10Base-T
- IEEE 802.3u 100Base-TX
- IEEE 802.3ab 1000Base-T
- IEEE 802.3af Power over Ethernet
- FCC Part 15 Class A, CE

Applications

Gigabit PoE Network Deployment

The POE-1200G provides the easiest way to power your Ethernet devices such as IP camera on the ceiling and the wireless access point installed on the top of the building. With 12 10/100/1000Base-T Gigabit Ethernet ports, the POE-1200G supports full 48V DC power for any remote IEEE 802.3af powered device (PD).

To control the power system of your networking devices, the POE-1200G can directly co-work with PoE IP phones to build VoIP telephony network in the office. Furthermore, the POE-1200G can be directly connected to any third party IEEE 802.3af compliant devices installed 100 meters away.



Specifications

Model	POE-1200G	
Hardware Specifications		
Interface	"Data" Input Ports	12x RJ-45 STP
	"PoE (Data+Power)" Output Ports	12x RJ-45 STP
	Management Port	1 x RJ-45; 10/100Base-TX, auto-negotiation, auto-MDI / MDIX
Data Rate	10/100/1000Mbps	
LED	System: Power x 1 (Green) Fan Alert x 1(Green) Management Port x2: 10/100 (Orange / Green) Per PoE Port: PoE in Use x 1 (Green)	
Network Cable	10Base-T: 2-Pair UTP Cat. 3, 4, 5, up to 100m (328ft) 100Base-TX: 2-Pair UTP Cat. 3, 4, 5, up to 100m (328ft) 1000Base-T: 2-pair UTP Cat. 5e, 6 up to 100m (328ft) EIA/TIA- 568 100-ohm STP (100m)	
Dimensions (W x D x H)	IEEE 802.3af Power over Ethernet / Mid-span PSE	
Weight	Mid-span	
Power Requirements	Per Port 48V DC, 15.4 watts	
Power Consumption	4/5(+), 7/8(-)	
Cooling	Fan x 1	
Power over Ethernet		
PoE Standard	IEEE 802.3af Power over Ethernet	
PoE Power supply Type	Mid-span	
PoE Power Output	Per Port 48V DC, 350mA . Max. 15.4 watts	
Power Pin Assignment	4/5(+), 7/8(-)	
PoE Power Budget	190 watts	
Management		
Management Interface	Web, PLANET Smart Discovery Utility	
PoE Management	Power Limit by Priority and Total Limit Per port power enable/disable Power feeding priority Current usage and status Total power consumption Per port power schedule	
Management Feature	System / Management functions setup Web firmware upgrade SNMP Trap for alarm notification of events	
Standards Conformance		
Standards Compliance	IEEE 802.3 10Base-T Ethernet IEEE 802.3u 100Base-TX Fast Ethernet IEEE 802.3ab 1000Base-T Gigabit Ethernet IEEE 802.3af Power over Ethernet	
Regulation Compliance	FCC Part 15 Class A, CE	
Environmental Specification		
Operating	Temperature: 0 ~ 50 degrees C Relative Humidity: 5 ~ 95% (non-condensing)	
Storage	Temperature: -10 ~ 70 degrees C Relative Humidity: 5 ~ 95% (non-condensing)	

Ordering Information

POE-1200G	12-Port Gigabit IEEE 802.3af Power over Ethernet Injector Hub
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Related Products

VIP-254PT	SIP PoE IP Phone
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C-POE-1200G