12-Port Gigabit IEEE 802.3af Power over Ethernet Injector Hub



Key Features

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 ports
- Automatically detect powered device (PD)
- Circuit protection prevents 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
- PoE Power Schedule
- Over Temperature Protection

MANAGEMENT

- Web interface for remote management
- Support 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

Quick and Easy Gigabit PoE Network Deployment

The PLANET POE-1200G is 12-Port Gigabit IEEE 802.3af PoE Web Management injector Hub and 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 device (PD) such as Wireless LAN Access Point, IP phone, and IP Camera. Supporting full PoE power budget of **190 Watts**, the POE-1200G provides sufficient 15.4 Watts 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 the data transmission performance. It offers a cost effective and quick solution to upgrade 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 PoE Injector Hub, of which 12 ports on the lower stack function as "Data input" and the other 12 ports on the upper stack function as "PoE (Data and Power) output". The 12 "PoE output" ports are also the power injectors which 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 Username / Password changing and smart features for powered devices. The PoE injector Hub can automatically detect the power status of each port and show massages on its Web management interface. These features also provide users a cost-effective way to manage the device via Internet whenever they are at work or at home.

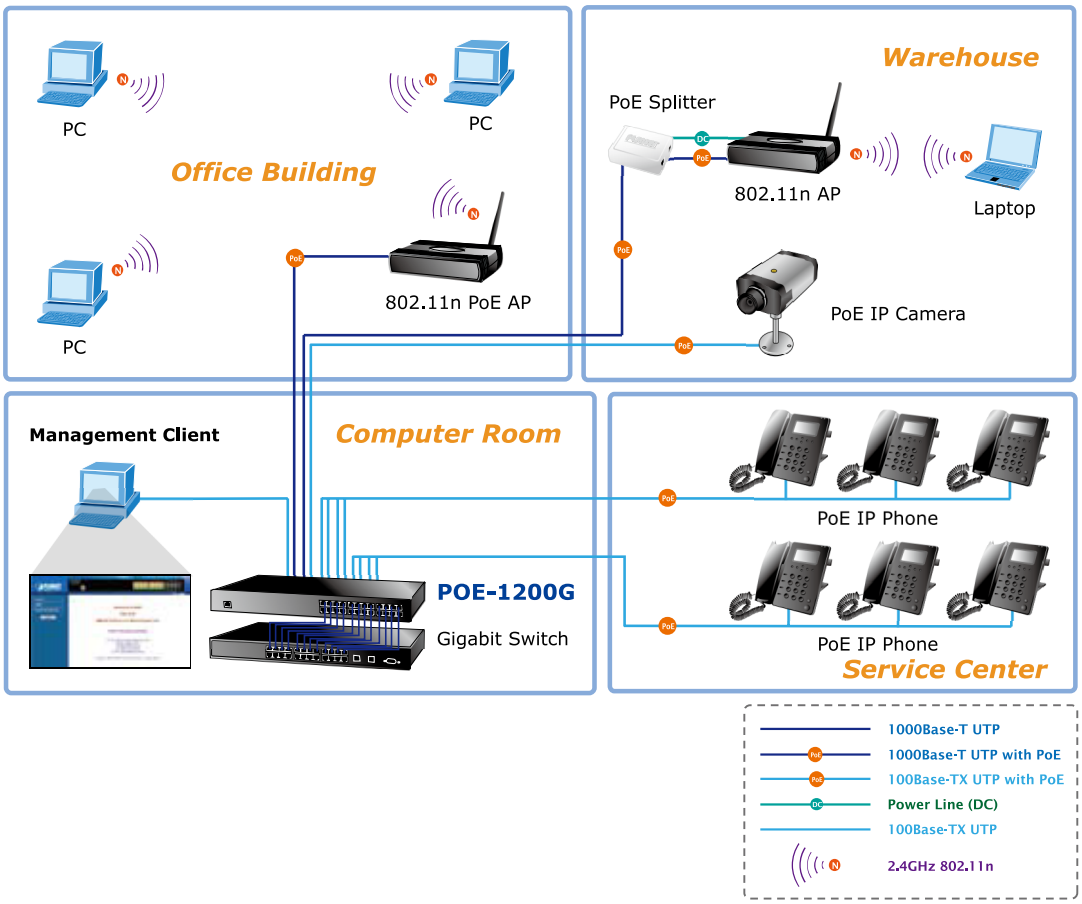
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Applications

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.



Specification

Product		12-Port Gigabit IEEE 802.3af Power over Ethernet Injector Hub
Model		POE-1200G
Hardware Specification		
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)
Dimension (W x D x H)		440 x 200 x 44 mm (1U height)
Weight		2.73kg
Power Requirement		100-240V AC, 50/60 Hz
Power Consumption		200 Watts max.
Cooling		Fan x 1
Power over Ethernet		
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		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 Degree C Relative Humidity: 5 ~ 95% (non-condensing)
Storage		Temperature: -40 ~ 70 Degree C Relative Humidity: 5 ~ 95% (non-condensing)

Ordering Information

POE-1200G	12-Port Gigabit IEEE 802.3af Power over Ethernet Injector Hub (190 Watts full power)

Related PoE Products

POE-151S-5V	IEEE 802.3af Power Over Ethernet Splitter with 5VDC output (Mid-Span), (10/100Mbps)
POE-151S-12V	IEEE 802.3af Power Over Ethernet Splitter with 12VDC output (Mid-Span), (10/100Mbps)
POE-152S-5V	IEEE 802.3af Power Over Ethernet Splitter with 5VDC output (End-Span), (10/100/1000Mbps)
POE-152S-12V	IEEE 802.3af Power Over Ethernet Splitter with 12VDC output (End-Span), (10/100/1000Mbps)
ICA-107P	PoE CMOS IP Camera
ICA-H312	H.264 25-meter IR Internet Camera
ICA-750	Dual Mode CCD Box Internet Camera
IVS-110	1-Channel Internet Video Server
WAP-4033PE	54Mbps Wireless PoE Access Point
WAP-4060PE	54/108Mbps Super G Wireless LAN Managed Access Point with PoE
WDAP-2000PE	54/108Mbps Super A+G WLAN Managed Access Point with PoE
WNAP-3000PE	54/108Mbps 802.11n Enterprise PoE Access Point
VIP-254PT	SIP PoE IP Phone
VIP-255PT	Multi-Language PoE IP Phone
VIP-156PE	802.3af PoE SIP Analog Telephone Adapter
VIP-351PT	Enterprise PoE IP Phone

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FC CE

C-POE-1200G

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