12-Port IEEE 802.3af PoE Web Management Injector Hub

Interface

- 24-Port RJ-45 STP
  - 12-Port Data Input
  - 12-Port Data + Power Output
- 1 10/100Base-TX Management Port

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

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
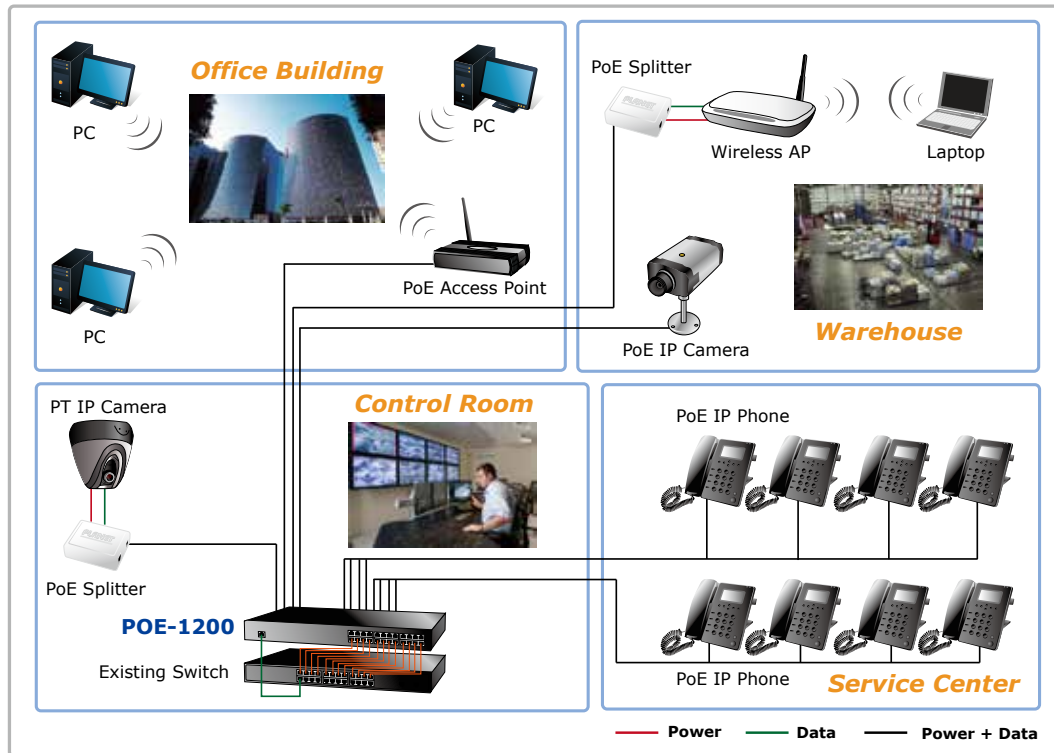- LED indicators for PoE ready and PoE activity

Standard Compliance

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

Quick and Easy PoE Network Deployment

PLANET POE-1200 is a 12-port IEEE 802.3af Power over Ethernet Injector Hub which complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3af standards. With 12 10/100Base-TX Fast Ethernet ports, this device supports full 48VDC power for any remote IEEE 802.3af powered devices (PDs) like wireless LAN access points, IP phones, and IP cameras. Supporting power supply of 110 watts, the POE-1200 provides sufficient power to 12 remote PD devices.

The POE-1200 is installed between a regular Ethernet Switch and the powered devices, injecting power without affecting the data transmission. 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.

Easy Cabling Installation

The POE-1200 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-1200, 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-1200 provides Web management interface in which administrators can use the functions including port enable / disable, port priority, system configuration and user name / password change, and comes with smart features for powered device. 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 a cost-effective way to manage the device via Internet whenever you are at work or at home.

Application

PoE Injector Hub

For the places hard to find the power outlet, the PoE-1200 provides the easiest way to power up your PoE Ethernet devices. To control the power system of your networking devices, the PoE-1200 can directly co-work with PLANET PoE VoIP phone and PoE wireless AP products to build telephony and wireless integrated networking in the office. Furthermore, the POE-1200 can be directly connected to any third party IEEE 802.3af devices and Ethernet switch installed 100 meters away.

Specifications

Model	PoE-1200		
Hardware Specifications			
Interface	Data Input Ports	12 x RJ-45 STP	
	Data+Power Output Ports	12 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 x 2: 10/100 (Green / Orange) 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) EIA/TIA- 568 100-ohm STP (100M)	
Dimensions (W x D x H)		440 x 200 x 44 mm (1U height)	
Weight		2.7kg	
Power Requirements		100-240V AC, 50/60 Hz	
Power Consumption		130 watts max.	
Operating Temperature		0 ~ 50 degrees C	
Storage Temperature		-10 ~ 70 degrees C	
Humidity		5 ~ 95% (non-condensing)	
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(-)
Power Budget	110 watts
Management	
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
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 802.3af Power over Ethernet
Regulation Compliance	FCC Part 15 Class A, CE

The specifications are for POE-1200 hardware version 2 only.

Ordering Information

POE-1200	IEEE 802.3af 12-Port Power over Ethernet Web Management Injector Hub

Related Products

ICA-2200	Full HD PoE Box IP Camera
ICA-2500	5 Mega-pixel PoE Box IP Camera
ICA-3350V	3 Mega-pixel Vari-focal Bullet IR IP Camera
ICA-5350V	3 Mega-pixel Vandalproof IR IP Camera
ICA-HM101	2 Mega-pixel PoE Cube IP Camera
ICA-HM126	H.264 Full HD Box IP Camera
ICA-HM127	3 Mega-pixel H.264 Box IP Camera
ICA-HM131	H.264 Full-HD Fixed Dome IP Camera
ICA-HM132	H.264 2 Mega-pixel 20M IR Vari-focal Dome IP Camera
ICA-HM136	H.264 2 Mega-pixel 20M IR Vandalproof Dome IP Camera
ICA-HM312	2 Mega-pixel 25M IR Outdoor Bullet PoE IP Camera
ICA-HM351	2 Mega-pixel 35M IR Outdoor Box PoE IP Camera
ICF-1700	Touch Screen Internet Multimedia Phone
POE-152S	IEEE 802.3af Power over Ethernet Splitter
POE-E101	IEEE 802.3af Power over Ethernet Extender
VIP-256PT	802.3af PoE SIP IP Phone
VIP-560PT	Professional PoE IP Phone

C-POE-1200v2