IEEE 802.3af 12-Port Power over Ethernet 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
- 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
- Pert 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

The PLANET POE-1200 is a 12-Port IEEE 802.3af Power over Ethernet injector Hub and 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 device (PD) like Wireless LAN Access Point, IP phone, and IP Camera. Supporting power supply of 110 watts, 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 upgrade network system to IEEE 802.3af Power over Ethernet system without replacing the existing Ethernet Switch.

Easy Cabling Installation

There are 24 RJ-45 STP ports on the front panel of Hub, in which the 12 ports on the lower stack function as "Data input" and the other 12 ports on the upper stack function as "Data and Power output". Each of the "Data and Power output" port on the upper stack operates as an 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-1200 provides Web management interface in which administrators can use the functions including port Enable / Disable, port priority, system configuration, and Username / Password changing and with smart features for powered device. The PoE injector Hub can auto detect the power status of each port and show massages 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.
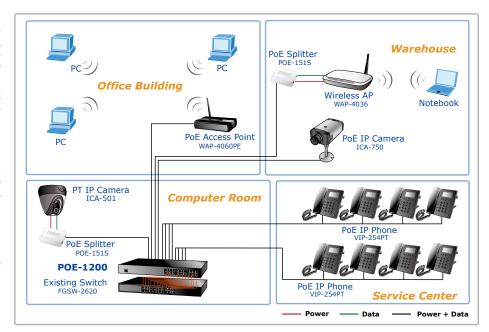
Data Sheet

APPLICATIONS

PoE Injector Hub

For the places hard to find the power outlet, POE-1200 provides the easiest way to power your Ethernet devices such as PLANET IP Camera ICA-750 on the ceiling and the Wireless Access Point WAP-4060PE installed on the top of the building.

To control the power system of your networking devices, POE-1200 can directly co-work with PLANET VIP-254PT and PoE IP phone to build VoIP telephony network in the office. Furthermore, the POE-1200 can be directly connected to any third party 802.3af devices and PoE Switches installed 100 meters away.

SPECIFICATION

Product	IEEE 802.3af 12-Port Power over Ethernet Web Management Injector Hub
Model	POE-1200
Hardware Specification	
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 x2: 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)
Dimension (W x D x H)	440 x 200 x 44 mm (1U height)
Weight	2.7kg
Power Requirement	100-240V AC, 50/60 Hz
Power Consumption	130 watts max.
Operating Temperature	0 ~ 50 Degree C
Storage Temperature	-40 ~ 70 Degree C
Humidity	5 ~ 95% (Non-condensing)
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 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 specification is for POE-1200 hardware version 2 only

ORDERING INFORMATION

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

AVAILABLE MODULES

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)
FSD-803PE	8-Port 10/100Mbps Fast Ethernet Switch w/ IEEE 802.3af splitter built-in
ICA-107P	PoE CMOS IP Camera
ICA-310	30-meter Infrared Internet Camera
ICA-700	CCD Box 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
VIP-254PT	SIP PoE IP Phone
VIP-255PT	PoE IP Phone
VIP-156PE	802.3af PoE SIP Analog Telephone Adapter
VIP-350PT	Business PoE IP Phone

Data Sheet

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