

UPE5600-HIT

1-Port 50W High Power PoE Injector

Delivering data and power over existing network cables



FEATURES

- 30 ~ 50 watt high power PoE PSE Power Injector
- IEEE802.af Power over Ethernet (PoE) standard
- Complies with IEEE802.3u 100Base-TX standard
- Complies with IEEE802.3 10Base-T standard
- 2 x RJ-45 Power over Ethernet (PoE) In & Out ports
- 1 x Input 12~20VDC power jack for external power
- Delivers power over Ethernet (PoE) to remote devices
- Supports NWay protocol for speed (10/100Mbps) and duplex mode (Half/Full) detection
- Supports auto MDI-X function for switch-to-station & switch-to-switch connection with non crossover cable
- Supports full and half duplex operation
- Operates at max. packet filtering and forwarding rate
- Advanced Store-and-Forward transmission method
- Easy-to-read LEDs provide instant operating feedback
- Desktop size and wall mountable design
- Plug-&-Play without any software configuration
- Transparent to all kind of network protocols
- No power is required

Package Contents

- One 1-port High Power PoE Injector
- One User's Manual
- One External Power Adapter
- One Set of Wall Mounting Screws

OVERVIEW

UPE5600-HIT is a high power PoE PSE Injector for use in Power over Ethernet (PoE) systems. With Ethernet Input (data only) port and Output (data + power) port, UPE5600-HIT may deliver up to 30~50 watts over existing LAN cable to power up PoE PD devices for power hungry applications such as Wireless Access Points (AP), Security Cameras and IP Phones. The internal current limit, short-circuit and overload protection are implemented to provide up to 30~50W of PSE output power.

UPE5600-HIT can also work in pair with UPE5600-RT (PoE Repeater) to extend Ethernet connectivity another 100 meters with power over Ethernet capability for high power PD devices, such as 18W IP Cameras. It forwards both Ethernet and PoE for another 100m using an innovative power-processing scheme and multiple units can be deployed in series for even longer distances, with no degradation in network speed or latency. UPE5600-RT itself is powered by UPE5600-HIT, so requires no separate power connection in the middle of the cable, making it extremely easy to connect and power IP cameras two to three times further than previously possible without going to fiber or installing midspan power source.

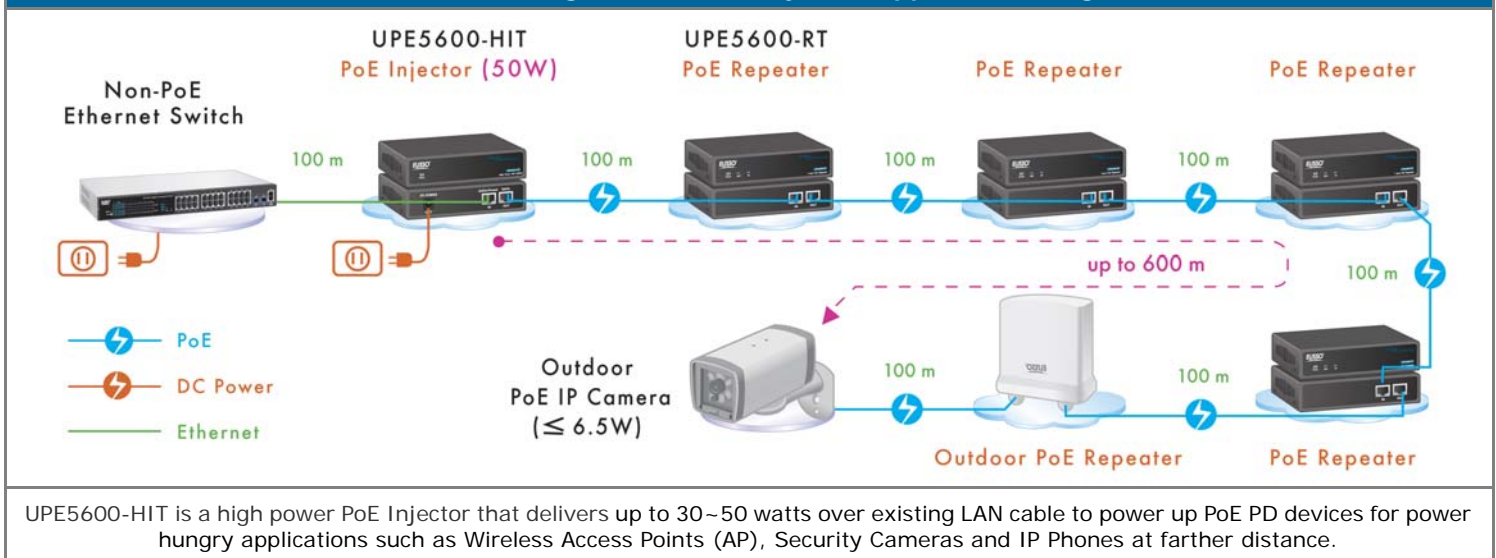
The advantage of PoE function is to provide power and data over existing network cables. It eliminates the need for electricians or extension cords while installing new expanding equipments. Therefore, UPE5600-RT can save space, reduce cables and eliminate the requirement for the dedicated electrical outlets to lower the installation cost. This PoE technology is suitable for small business, school campus, bookstore, coffee shop with internet hot spot, or enterprise network environments.

SPECIFICATIONS

System Specifications	
Ethernet Standard	IEEE802.3 10BASE-T IEEE802.3u 100BASE-TX IEEE802.3x Full duplex operation and flow control IEEE802.3af Power over Ethernet
Interface	1 x RJ-45 Ethernet-IN Port (Data only) 1 x RJ-45 PoE-Out Port (Data and Power) 1 x DC Input Power Jack (2.1 x 5.5 x 9 mm)
Power	Input : 12 ~ 20VDC Output : 56VDC at full load PoE Power : 30 ~ 50 Watt Maximum
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100Mbps Full/Half duplex mode auto detection
Diagnostic LED	Power 、 LAN IN 、 LAN OUT
Cable Connection	10Mbps : UTP/STP Catalog 3 or Better, Max. 100 Meters 100Mbps : UTP/STP Catalog 5 or Better, Max. 100 Meters
Filtering / Forwarding Rate	10Mbps : 14,880pps/14,880pps 100Mbps : 148,800pps/148,800pps
Installation	Desktop Size and Wall Mountable (Included Wall Mounting Screws)
Operating Temperature	0° ~ 50°C
Operation Humidity	5% ~ 95% (non-condensing)
Dimension	120 (L) x 90 (W) x 28 (H) mm
Weight	330g (Net)
Emission Certification	CE 、 FCC Rule Part 15 Class A 、 RoHS

Application Diagram

1-Port 50W High Power PoE Injector Application Diagram



ORDERING INFORMATIONS

Model	Description
UPE5600-HIT	1-Port 50W High Power PoE (Power over Ethernet) Injector (Slide-in Module Case)
UPE5600-HITR	8-Bay 19" Chassis for up to 8 pcs of UPE5600-HIT 50W High Power PoE Injector

EUSSO Technologies, Inc. is a dedicated data communication and networking company. With professional experiences in design, production, marketing and service support, we deliver the full range networking products including Gigabit Ethernet, Fiber Optic, Wireless LAN, Switches, Hubs, LAN cards, PCMCIA adapters, Converter, Transceivers. As well as Internet Telephony Gateway, Print Servers, Internet Sharing Servers and many others.

2010/12/16 ver 2.0F



EUSSO Technologies, Inc.

6F, No.389, Sec.2, Chung Shan Road, Chung Ho City, Taipei 235-58, Taiwan

TEL:+886 (2) 8221-4616 E-mail:sales@eusso.com

FAX:+886 (2) 8221-4607 <http://www.eusso.com>