



UPE5600-HSTO

1-Port Outdoor 30W High Power PoE Splitter

Delivering data and power over existing network cables



FEATURES

- 12VDC 2 ~2.5A 30W High Power PoE Splitter
- IEEE802.af Power over Ethernet (PoE) standard
- Outdoor housing with IP66 industry standard for water resistance and dust-proof protection features
- Complies with IEEE802.3u 100Base-TX standard
- Complies with IEEE802.3 10Base-T standard
- 1 x RJ-45 PoE In port for both data + power
- 1 x RJ-45 Ethernet Out port for data only
- 1 x DC Output power jack for 12VDC (default) and 9, 6, 5, or 3.3VDC (optional)
- Delivers data and power for non-PoE Ethernet-enabled devices such as Wireless AP, IP Camera or IP Phone
- 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
- Plug-&-Play without any software configuration
- Transparent to all kind of network protocols
- No power is required

Package Contents

- One 1-port 30W Outdoor High Power PoE Splitter
- One User's Manual
- One DC Power Jack Cable
- One Set of Mounting Kit

OVERVIEW

UPE5600-HSTO is an IP66 outdoor 30W high power PoE Splitter for use in Power over Ethernet (PoE) systems. With Ethernet Input (data + power) port and Output (data only) port, UPE5600-HSTO may split power from existing LAN cable and convert up to 12VDC/2A 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 12VDC/2A for use of DC output power. By using UPE5600-HSTO, both data and electrical power can be delivered to a non-PoE Ethernet-enabled device from a single Cat.5 Ethernet cable.

UPE5600-HSTO can also work in pair with UPE5600-HIT (High Power PoE Injector) to deliver up to 12VDC/2A for use of high power devices such as 18W Security IP Cameras. UPE5600-HSTO itself is powered by UPE5600-HIT and so requires no separate power connection in the middle of the cable, making it extremely easy to connect and power IP cameras. UPE5600-HSTO terminal units complement any PoE injector unit or midspan switch to provide small to medium business setting a complete end-to-end PoE solution.

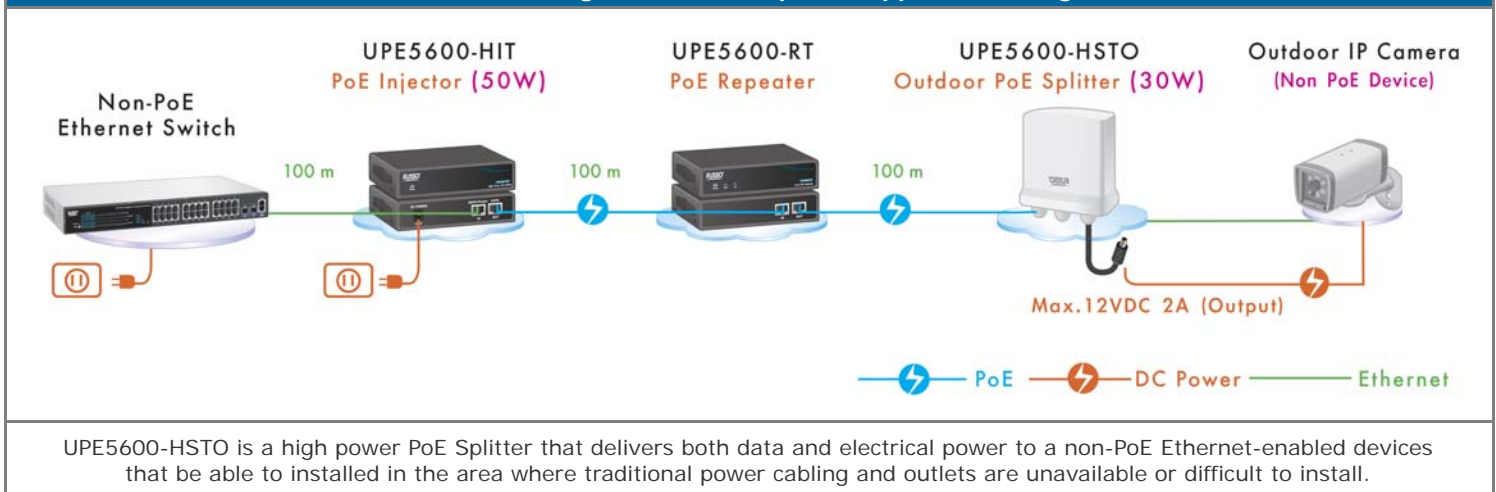
The advantage of PoE function is to provide power and data over existing network cables. It eliminates the need for electricians or extension cords while installing new expanding equipments. Therefore, UPE5600-RTO can save space, reduce cables and eliminate the requirement for the dedicated electrical 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 PoE-IN Port for both Data and Power 1 x RJ-45 Ethernet-Out Port for Data only 1 x DC Output Power Jack (2.1 x 5.5 x 9 mm)
Output Power	12VDC high power (default) or 9, 6, 5, 3.3VDC (optional)
Uplink	Auto MDI/MDI-X (Auto Crossover)
Network Speed	10/100Mbps Full/Half duplex mode auto detection
Diagnostic LED	Power
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	Outdoor Mountable (IP66 Industry Standard)
Operating Temperature	0° ~ 50°C
Operation Humidity	5% ~ 90% (non-condensing)
Dimension	180 (L) x 165 (W) x 95 (H) mm
Weight	500g (Net)
Power Supply	No Power Adapter is required, Power is supplied from High Power Injector
Emission Certification	CE 、 FCC Rule Part 15 Class A 、 RoHS

Application Diagram

1-Port 30W High Power PoE Splitter Application Diagram



ORDERING INFORMATIONS

Model	Description
UPE5600-HST	1-Port 30W Mid-Span High Power PoE Splitter, Output : 12VDC, 2A
UPE5600-HSTO	1-Port 30W Mid-Span High Power PoE Splitter, Output : 12VDC, 2A Outdoor IP66)

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