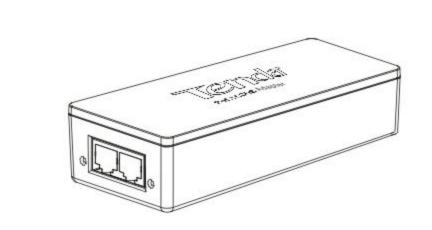


User Guide

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PoE Adapter

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It's advisable to read this user manual before using the adapter. Safety Guidelines

Observe the following to avoid any harm caused from improper use.

• For your safety, DO NOT open the device's shell/outer case whether it is working or not; The device operates correctly only within the voltage range of 100-240V AC;

Keep it away from strong current or lightning; DO NOT directly connect an electrical wire to the

• To avoid potential short circuit and malfunction, do not expose the adapter to humidity, heat, vibration or dust;

Operate it in a well-ventilated working environment.

PoE1500S PoE Adapter is fully compliant with IEEE802.3af standard. It delivers up to 15.4W output power per port. By using this device, both data and electrical power can be simultaneously delivered through a single CAT5 (or better) Ethernet cable to a non-PoE Ethernet-enabled device, eliminating the trouble to connect it to an outlet nearby with an external power cord. You can connect it to a wireless AP, Web cam (IP Camera), IP telephone, or other IEEE802.3af-compliant devices (required by PoE1500S only) for the purpose of reducing installation cost and improving your network performance.

Chapter 1 Overview

1.2 Features

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3ab and
- IEEE802.3af (PoE1500S Only)

1.1 Product Description

- 2 RJ-45 ports provide 10/100/1000Mbps link rate
- Plug & Play Installation Delivers both data and electrical power using a single Ethernet
- Green design, low power consumption
- Over-voltage/current/load protection against potential damage
- 100-240V AC wide-range voltage input, 48V DC output voltage Compact size

This equipment has been tested and found to comply with the limits for

a Class B digital device, pursuant to part 15 of the FCC Rules. These

limits are designed to provide reasonable protection against harmful in

terference in a residential installation. This equipment generates, uses

and can radiate radio frequency energy and, if not installed and used in

accordance with the instructions, may cause harmful interference to

radio communications. However, there is no guarantee that interference

will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be

determined by turning the equipment off and on, the user is encouraged

to try to correct the interference by one or more of the following

Increase the separation between the equipment and receiver.

-Connect the equipment into an outlet on a circuit different from that

—Consult the dealer or an experienced radio/TV technician for help.

Reorient or relocate the receiving antenna.

to which the receiver is connected.

Delivers data up to 100 meters away

1.3 Package Contents

Open the package and verify the following items:

1.PoE1500S/PoE1300S PoE Adapter 2.Power Cord

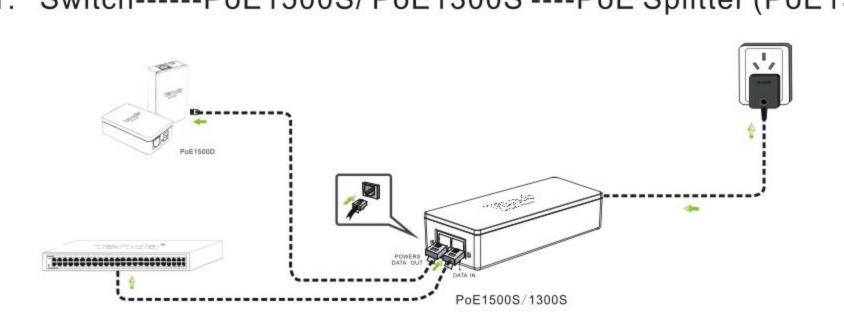
3.User Manual

FCC Statement

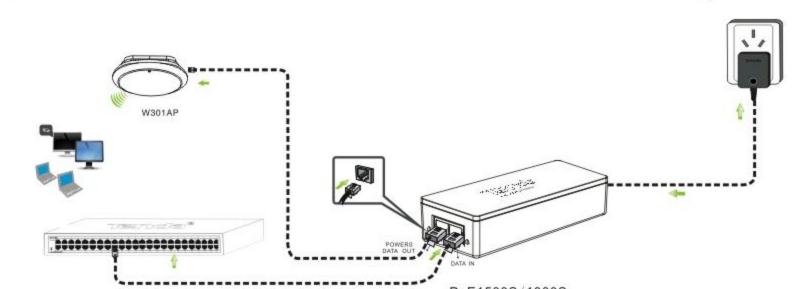
Chapter 3 Applications

Application 1:

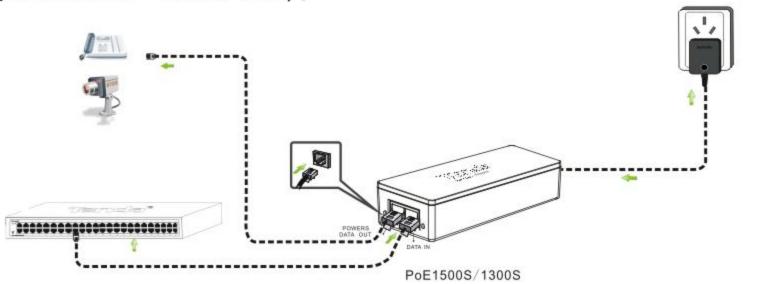
Switch-----PoE1500S/PoE1300S ----PoE Splitter (PoE1500D)



2. Switch-----PoE1500S/ PoE1300S ---- Wireless AP (W301AP)



3. Switch-----PoE1500S/PoE1300S ----Others (for example, IP telephone, IP cam, etc).



▲ Note:

- 1. The PoE1500S/ PoE1300S adapter operates correctly only with
- Ethernet-enabled devices. 2. Powered device that connects to the PoE1500S adapter MUST be

PoE1300S adapter MUST operate with 48V input voltage.

IEEE 802.3af compliant. 3. To avoid potential damage, powered device that connects to the

Appendix

General Specifications		
Standards	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3af (PoE1500S only)	
Output Voltage	48V	
Output Power	15.4W	
Input Voltage	100-240V AC	
Port Count	2 10/100/1000Mbps RJ45 ports	
Cable	Cat.5 or better	
LED	PoE1500S: 1 Power LED and 1 PSE LED PoE1300S: 1 Power LED	
Operating Environment		
Operating Temperature	0℃~40℃	
Storage Temperatu	rage Temperatu -40℃~70℃	
Operating Humidity	erating Humidity 0%~90% RH (Non-condensing)	
Storage Humidity	10%~90% RH (Non-condensing)	

Technical Support

Toll Free: 1-800-570-5892 (For USA only) Tel: +86 (755) 2344 2820 2765 7180 Email: support@tenda.com.cn

1.4 Hardware Overview



1	PSE LED: Power delivery indicator. A solid green light indicates that the PoE 1500S is delivering power to the connected PD.
2	DATA &PWR OUT :Connect this port to a PD (Powered Device) with a Cat.5 cable.
3	DATAIN Connect this port to an Ethernet device with a Cat.5 cable.
4	POWER LED: A solid green light indicates that the PoE 1500S/PoE1300S is working normally.
5	Power Receptor: 100~240V input voltage

▲ Note:

1. If the power LED does not light up, it indicates that the power cord may not be correctly connected or a power malfunction occurs. Verify the power connection and the device.

2. If the PSE LED does not light up, go to check whether the connected PD is IEEE802.3af-compliant; Note that only an IEEE802.af-compliant device can be powered by the PoE 1500S adapter. 3. PoE1300S has no PSE LED.

1.5 Environmental Requirement

in length for better performance.

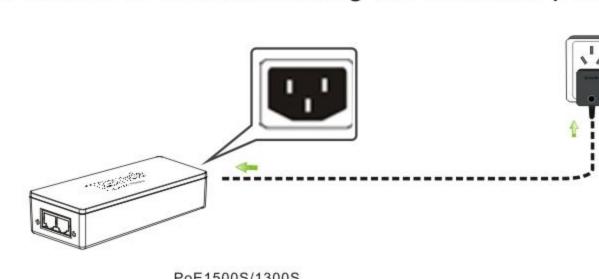
(1)To avoid potential short circuit or malfunction, DO NOT expose the adapter to heat, humidity, heat, vibration or dust. (2) Keep the device, at least 30cm, away from heat source. (3) Make sure the cable connected to a PD does not exceed 100 meters

Chapter 2 Installation

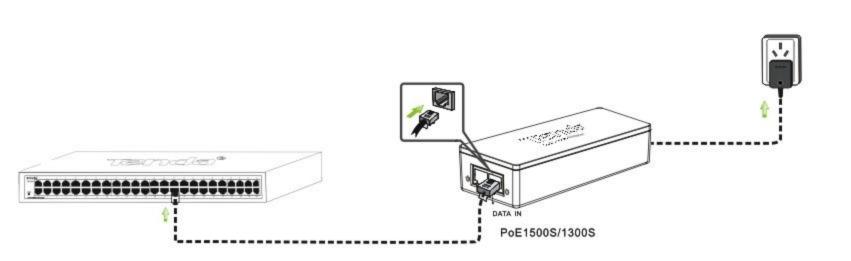
The following illustrates installation process by connecting the adapter to an AP.

1. Power up the PoE1500S plugging the included power cord into an outlet nearby.

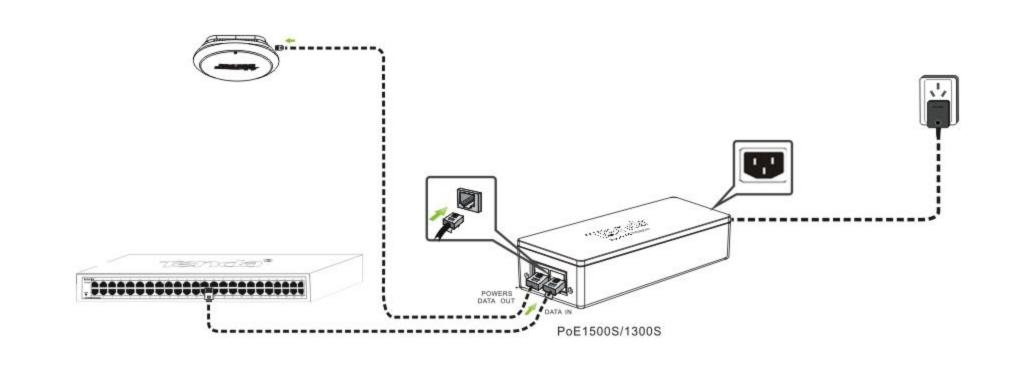
1.1 Plug the device to an outlet using the included power cord.



1.2 Connect one of the switch's RJ45 port to the PoE1500S' "data in" port using a Cat.5 cable.



1.3 Connect one of the AP's RJ45 port to the PoE1500S' "data &power out" port using a Cat.5 cable.



FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and(2) this device must accept any interference received, including interference that may cause

undesired operation. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment.

Manufacturer: SHENZHEN TENDA TECHNOLOGY CO.,LTD. Address: Tenda Industrial Park, No. 34-1, Shilong Rd., Shiyan Town, Bao'an District, Shenzhen, P.R.China 518108 Technical Support: support@tenda.com.cn Telephone: 0086.755.2765.7180 Email: sales@tenda.com.cn Website: http://www.tenda.cn