

Install Guide



PoE Adapter

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Safety Guidelines

- Please read this Install Guide carefully before using the adapter;
- Operate the adapter in a well-ventilated working environment;
- DO NOT expose the adapter to humidity, heat, vibration or dust to avoid potential short circuit and malfunction; Place it at least 30cm away from heat sources on all sides;
- DO NOT open the adapter's housing whether it is working or not;
- The adapter operates properly only within the voltage range of 100-240V AC;
- Ensure the power cord connected to the adapter is grounded and if necessary, take effective measures to keep the adapter away from strong current or lightning;
- Ensure total length of the Ethernet cables used to connect an upstream switch to the PoE adapter and connect the PoE adapter to a PD (powered device) is within 100m.

Chapter 1 Overview

1. Product Overview

This adapter is compact, exquisite, and easy to use with its Plug-and-Play feature. It's PoE-capable, namely, it can deliver data and electricity simultaneously based on the existing Ethernet infrastructures. The PoE feature lowers both power cord material and installation cost. This adapter also applies low power consumption and ensures high performance against overvoltage, overcurrent and overloading damages. Through a single Cat.5 (or higher) twisted-pair Ethernet cable, the adapter can supply power to a low-power IEEE 802.3af-compliant/IEEE 802.3at-compliant device such as a wireless AP, an IP camera and an IP telephone. It's an ideal product for you to enjoy wonderful e-life.

2. Package Contents

Open the package and verify the following items. If any item is missing or damaged, please contact your reseller for assistance.

- PoE Adapter
- Power Cord
- Install Guide

3. Physical Description

1	PSE LED	A solid green light indicates that the adapter is delivering power to the connected PD.
2	DATA&PWR OUT	Connect a PD to this port with a Cat.5 (or higher) twisted-pair cable.
3	DATA IN	Connect an upstream switch to this port with a Cat.5 (or higher) twisted-pair cable.
4	PWR LED	A solid green light indicates that the adapter is working properly.
5	PWR Receptor	100~240V AC.

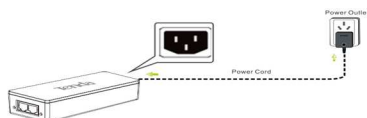


Note:

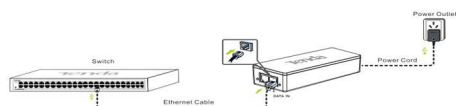
1. If PWR LED is off, it indicates the adapter is not powered up or other power failures occur. Please check the power cord and the connected device.
2. If PSE LED is off, please check the PD and verify that only an IEEE 802.3at-compliant/IEEE 802.3af-compliant device can be powered through the adapter.

Chapter 2 Installation

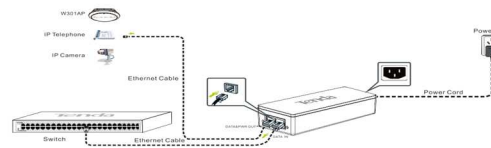
1. Plug the power cord into an earthed power outlet to power up the PoE adapter;



2. Connect one of the switch's RJ45 ports to the PoE adapter's "DATA IN" port using a Cat.5 (or higher) twisted-pair cable;



3. Connect one of the AP's RJ45 ports to the PoE adapter's "DATA&PWR OUT" port using a Cat.5 (or higher) twisted-pair cable. (Apart from the AP, it can also be an IP telephone, an IP camera and so on.)



Note:

1. The PoE adapter serves only Ethernet-enabled devices;
2. PDs connected to the PoE adapter must be IEEE 802.3af-compliant/IEEE 802.3at-compliant.

Appendix A Specifications

General Specifications	
Standards	IEEE 802.3af, IEEE 802.3at
Total Data Transmission Distance	≤100m
Output Voltage	51V
Output Power	30W
Input Voltage	100-240V AC
Ports	2 RJ45 ports
Cable	Cat.5 (or higher) twisted-pair cable
LED	2 LEDs (1 PSE LED and 1 PWR LED)
Operating Environment	
Operating Temperature	0℃~40℃
Storage Temperature	-40℃~70℃
Operating Humidity	0%~90% RH (Non-condensing)
Storage Humidity	10%~90% RH (Non-condensing)

Appendix B Safety and Emission Statement

CE

CE Mark Warning

This is a Class B product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

FC

FCC Statement

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 interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radiofrequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

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