

EN-S4P PoE Switch

# Quick Installation Guide



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## Declaration

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The symbol indicates that the product should not be discarded as unsorted waste but must be sent to separate collection facilities for recovery and recycling.

## Overview

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The installation Guide for EN-S4P and mainly introduces the hardware specification, installation methods, and precautions of the installation. There may be differences in the appearance and configuration from other models. All product images in this manual are for illustration purposes only and may differ from the actual product.

This manual includes the following chapters:

1. Product Introduction. Including the basic functions and specification of EN-S4P, as well as the product appearance and applications introduction.
2. Installation Introduction. Introducing the preparation work and precautions before installing the product.
3. Product Installation.

## For Whom

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Network Engineers  
Network Administrators  
Field Technicians

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# 1. Introduction

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## 1.1 Introduction

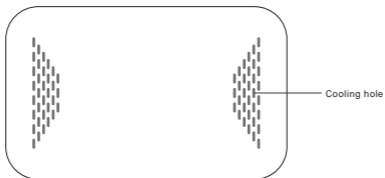
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EN-S4P is a 4-port Gigabit PoE switch with an uplink RJ45 LAN data port, can deliver power and transmit data to 4 802.3af/at PDs simultaneously, total power budget is 60W. Come with an AC to DC power supply at Level 6 energy efficiency. Good heat dissipation with ventilation holes to ensure long-term stable operation.

## 1.2 Appearance

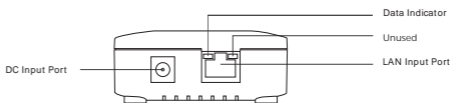
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- Upper View



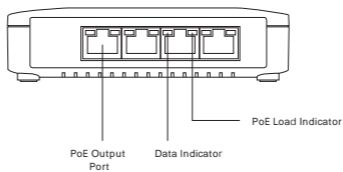
1-1 Upper View

• Side View



1-2 Side View

• Front View



1-3 Front View

### Indicator Display:

Items	Status	Description
PoE Load Indicator Green	Solid Light	PD is powered(Default/Normal)
	Light Off	No connection to PD
Data Indicator Yellow	Flashing Light	Data available(Normal)
	Light Off	No Data transmission
Light Off		PoE Switch is powered off/defective.

## 1.3 Specification

Items	Description
Power Input	DC Input : 55Vdc 1.1A
Data Input	LAN Input : RJ45 Ethernet
Output	802.3af/at, 30W(max)*4 Ports, total 60W
PoE Power Pins	3/6(+), 1/2(-)
Work Temp.	0 to 40
Operating Humidity	20% to 80% , non-condensation
Operating Altitude	Up to 2000 meters
Storage Temp.	-20 to 70
Storage Humidity	10% to 90% , non-condensation
Network Protocol	IEEE802.3i / IEEE802.3u / IEEE802.3ab
Data Speed	RJ45:10/100/1000Mbps
Regulatory Compliance	CE
IP Rated	IP20
Dimensions & NW	116.4mm X 71.3mm X 30.5mm ( 151.3g )
EMC	EN 55032:2015/A11:2020
	EN 55035:2017/A11:2020

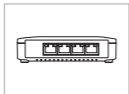
## 2. Installation Preparation

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### 2.1 Package Contents

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Open the box of the EN-S4P and carefully unpack it, the box should contain the following items:



EN-S4P



Operation manual



AC to DC Power Supply Adapter

### 2.2 Inspection

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2.2.1 Connect the device to the AC to DC power supply, the power cable is 1.5 meters with DC barrel jack at 5.5\*2.1mm.

2.2.2 Connect the PoE port to the PoE powered device(PD). Such as the IP Cameras or Wireless APs.

As showed in Figure 2-1 ;

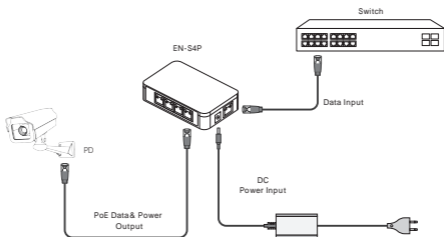


**Caution :**

Please use PoE powered device(PD) that complies with IEEE802.3af/at to connect this product. Can not feed non-802.3af/at standard PD, nor 24Vdc PD.

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2-1 Device Connection

**Caution:**

1. Please read the instructions carefully and follow the standard operating procedures before using.
2. Please place it in a well-ventilated and dry area, and it is for indoor use only.
3. Connect the AC to DC power supply adapter cable with DC barrel jack into the rear of the Procet PoE switch. On the other end of the power cable plug into a standard grounded wall outlet for safety.
4. Connect a CAT5/5e/6 cable with the RJ45 connector into the RJ45 socket labeled PoE 1, PoE2, PoE3 and PoE4. On the other end of the CAT5e/6 cable, connect to your PoE powered Device (PD, such as IP Cameras etc). The total Ethernet cable length can not exceed 100 meters.
5. The device must be placed on a stable surface, preferably affixed and mounted permanently. Do not leave it "dangling" and use plugged-in cables in tension as support. Drops, falls, and impacts experienced by the injector can compromise the internal components & cause premature failure.
6. Do not place heavy objects on top of this injector. Allow at least 5cm of clearance on all sides of the device for heat ventilation / natural convection.



## 3. Installation

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### 3.1 Inspection

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Inspect the installed equipment before putting it into operation :

- Make sure the PD is compliant with our product.
- Make sure the Ethernet cable connection is correct.

Make sure all connections are correct, and turn on the power, inspect all the indicators.



**Caution :**

If it is placed in an outdoor environment, please install the device in a waterproof case with a height of 45cm if possible.

Waterproof Ethernet cables should be with a protective sheath. CAT5e/6 cables are recommended.

Qualification Card

PASS