

Outdoor PoE Switch Guide EN

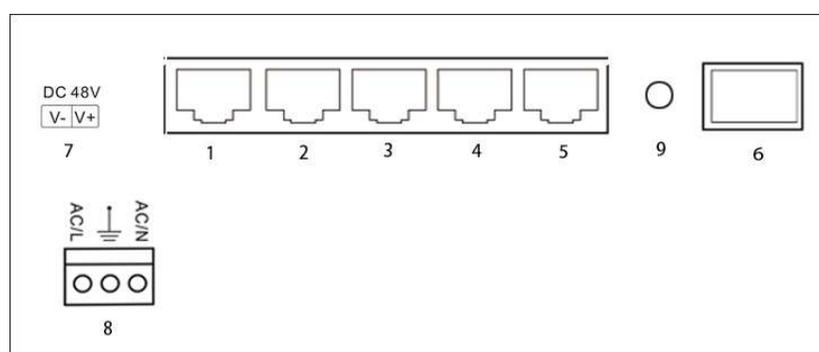
Thank you for picking us over the competition. For years we have been a leading provider of PoE over cat5 and Power Fiber System. Please take a few minutes to read through this guide before you get start. Not only there are some helpful tips, but also we have some guides to help you plan and install your switch.

Installation requirements.

If this product is for indoor application, pick the cat5e (or higher grade) UTP cable. If this product is for outdoor application, the shield cat5e (or higher grade) UTP cable should be used for all Ethernet connections. We recommended you choose pure copper UTP cable. Pure copper not only can guarantee maximum transmission distance, but also the bandwidth.

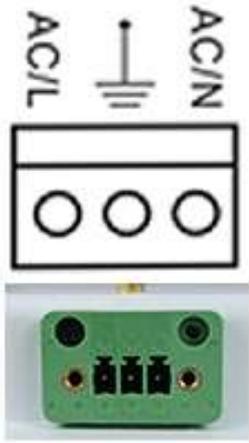
Hardware Overview

Front Panel



Port	Description
6	SFP port - support 100Mbps or gigabit SPF.
2-5	RJ45 port - 10/100/1000 Ethernet with PoE, support IEEE802.3af/at.
1	RJ45 port - 10/100/1000 Ethernet for uplink.

Power	Power
8	100V – 240VAC, and Ground.
7	Connect to external DC power, 48V-57V DC. The PoE powered switch can work with external power supply unit or another PoE switch
9	Reset button the PoE switch.
Data (Link/ACT)	OFF-No Link Red-10/100/1000mbps link flashing indicates data exchanging.
PoE indicator	OFF-No POE Yellow - 48V standard PoE.

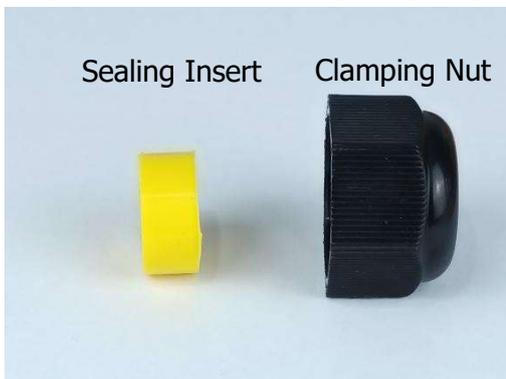


Detail	Description
Ground	ESD grounding for ESD protection. The screws and washer are included.

Hardware Installation

The Outdoor PoE switch can be mounted on the wall, or buried to the ground directly. Please follow the instruction below step by step to install the cable to the switch.

1. Firstly Disassemble the cable gland as shown below:



2. Slip the Ethernet cable through the clamping nut and the body of the sealing insert.



3. Now Crimp the RJ45 terminator



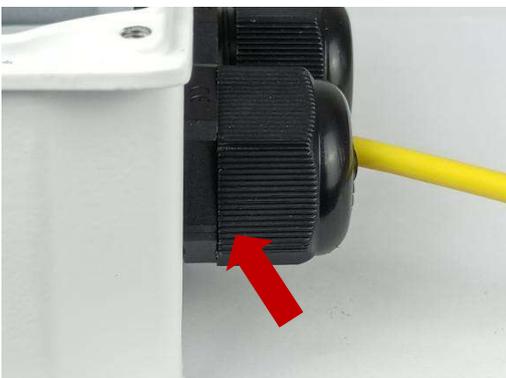
4. Next Plug the Ethernet connector to the PoE port.



5. Repeat the step above to install the rest of the cable. Use rubber plug to block holes if you need some of them.



6. Fasten the clamping nut manually until it close the gap.

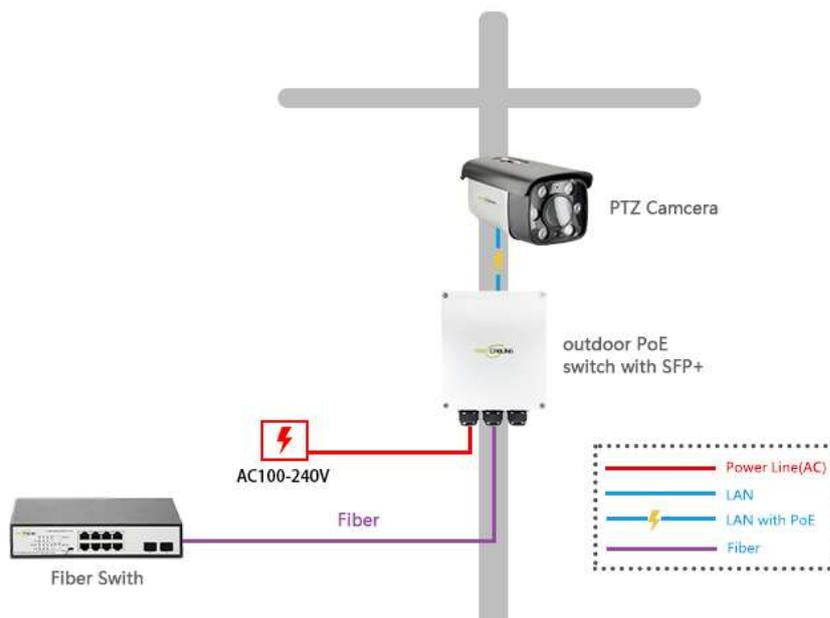


7. Now put on the cover and fasten the 4 screws, take a closed look at space between the cover and the case.



Connecting the Switch

The PoE Powered switch accepts AC main power 110VAC-240VAC or external power input (Power Supply Unit is not



The SFP slot has built-in to support fiber optical cable connection. The SFP module is being sold separately. The switch is compatible with the generic protocols SFP module.

NOTE: Be sure you never connect two uplink ports to same core switch or router which will create ring network and block all the network accessing.

1. First, Insert SFP module (sold separately) to SFP slot.
2. Next, Attach the fiber optical cable to the SFP module.
3. Now Plug PoE IP device to one of ports in PoE Powered Switch , then turn on the AC

Once the PoE Powered Switch connected to the another PoE switch or PoE injector, the power LEDs will be turned on. In a short while, you can connect your IP device to one of the PoE port, the corresponding LINK/ACT LEDs will be turned on in Red, then start flashing. All these means your IP device has been powered up and start exchange data with PoE Powered switch.

If you just see the PoE indicate LEDs keep being ON and OFF. Usually, this means the PoE switch can't verify your IP device, so it will refuse to release the power in order to protect whatever is in the front-end. Either the failed on

your IP device (including the IP device doesn't comply with IEEE802.3af/at) or the failed on the cable could cause the verification process unsuccessful.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.
3. This equipment is provided with a detachable power cord which has an integral safety ground wire intended for connection to a grounded safety outlet.
4. Do not substitute the power cord with one that is not the provided approved type. Never use an adapter plug to connect to a 2-wire outlet as this will defeat the continuity of the grounding wire.
5. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can provide a shock hazard that can result in serious injury or death.
6. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
8. Protective bonding must be installed in accordance with local national wiring rules and regulations.

Need More help?

If you require more help setting up your visual PoE switch, please head to our help site where you will be able to find all the help guides and video tourist.

Visit our help site
fastcabling.com/support/

Declaration of Conformity

We, Fastcabling LTD., hereby declare that the products:

Fastcabling Outdoor PoE Switch with SFP module

is in conformity with all the essential requirements of **EMC Directive 2014/30/EU**

Assessment of compliance of the product with the requirements relating to the following specifications:

EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

EN 55032:2015+AC:2016 Class A

AS/NZS CISPR 32:2015 Class A

EN 61000-3-2:2014 Class A

EN 61000-3-3:2013

EN 55035:2017

