GEP-0523

Quick Installation Guide

Package Content

Please check the following items in the package before installing the switch.

GEP-0523	**x** 1
AC/DC adapter	**x** 1
AC power line	**x** 1
User manual	**x** 1

Brief introduction

Many thanks for purchasing Gigabit Ethernet POE Switch! This product supports IEEE802.3ab 1000Base-T and IEEE802.3z 1000Base-X protocols. This manual matches the 5-port 10/100/1000Mbps Ethernet switch with PoE features of our company. The following product select guide is for your reference.

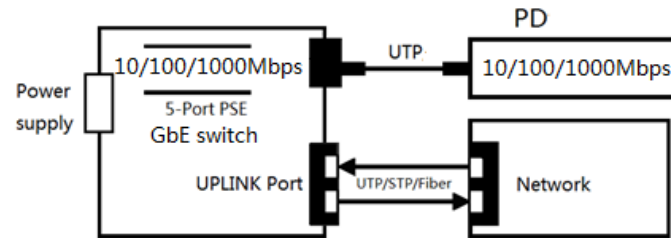Product Select guide for Gigabit Ethernet PoE Switch.

Model	Specifications
5 x UTP	10/100/1000M adaptive, with 4 PSE port

Installation

1. Interface

All RJ-45 copper interfaces support Auto-Negotiation for optimal speed detection through RJ-45 CAT5 UTP cables with a maximum length of 100 meters (or 328 feet). They also support standard Auto-MDI/MDI-X that can detect the type of connection to any Ethernet device without requiring special straight or crossover cables.

2. Connection

All ports support 802.3af compliant Power Devices (PD) and other network devices (e.g. work station, hub or switch). Connect one end of the standard UTP CAT5 network cable to the 10/100/1000Mbps RJ-45 ports on the front panel of the switch. Connect the other of the cable to the typical network devices.
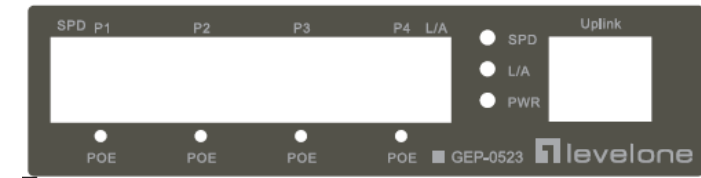
3.Power on

Connect one end of the power adapter to the switch. Connect the power plug of the adapter to a standard wall outlet. When the switch is powered on, the PWR LED should be remain static green. The LED of each port indicates the connection status of corresponding port. (See Table.1 for detailed description)

4. Panel

All link ports and LED indicators are located on the front panel, leaving only Power port on the back panel. GEP-0523 are of the identical back panel.

Front panel of GEP-0523

Back Panel

5. LED indicator

The LED indicators serve as device monitoring and error display. Detailed descriptions are summarized in the following table.

LED	Status	Description
PWR	Green	Device active
POE	Yellow	PoE function active and Connected PD is supplied with PoE
POE	OFF	PoE function deactivated or No PD identified
L/A	Green	Link to port
L/A	OFF	Link failure
L/A	Blink	Data transfer to port
SPD	Green	Transfer rate is 1000Mbps
SPD	OFF	Transfer rate is 10/100Mbps

Technical parameters:

1. Standard Protocol:

IEEE802.3 10Base-T

IEEE802.3u100Base-TX

IEEE802.3ab1000Base-T

IEEE802.3z1000Base-X

IEEE802.3x flow control

IEEE802.3af POE

IEEE802.3at POE+

2. Connectors:

    4× UTP RJ-45 connector with PSE function

    1×UTP RJ-45 connector

3. Operation mode:

    TX: 10/100/1000 Mbps auto-negotiation mode

4. Power supply:

    52VDC@1.25A with 802.3af

5. PSE Pinout: PIN1/2: Pos(+), PIN3/6:Neg(-)

6. Operation temperature: -20℃~70 ℃

7. Storage temperature: -40℃~85 ℃

8. Operation humidity: 5%-90% non-condense

9. Storage humidity: 5%-90% non-condense

10. Twisted Pair cable: Cat.5e UTP cable

11. Dimensions: 30×111×96mm (H x W x D)

Warning:

1. This product is suitable for indoor application.

2. It is dangerous to stare at the fiber transmitter with the naked eye.

3. The appliance inlet is used as the disconnect device and shall remain readily operable at all time.

Trouble shooting:

Device is not connecting. Please check that the corresponding network device is using the same transfer rate as the media switch (10Mbps or 100Mbps).