

LINOVISION

# POE-SW308G-4BT

User Manual  
Updated on January 1, 2025

## Important Safeguards & Warning

### Attention:

Please read the following safeguards and warnings carefully before using the product in order to avoid damage and loss.

### Note:

Do not expose the device to soot, high humidity or dust. Doing so may cause fire or electric shock.  
Do not install the device in direct sunlight as it may cause overheating and failure.Installation of the units should be via the compatible rack mount or securely on a flat surface.  
Do not place the device on carpet to or around the unit. Doing so may cause overheating, failure or fire.  
Do not place stack or place objects on the unit.  
This unit contains 0 user serviceable parts, servicing should only be performed by approved technicians.

### Warning:

Do not use a power supply other than the provided manufacture power supply. Failure to do so may cause unit failure or damage.

### Special Announcements:

This manual is reference only.  
All the designs and software here are subject to change without prior.

## Product Overview

### Introduction:

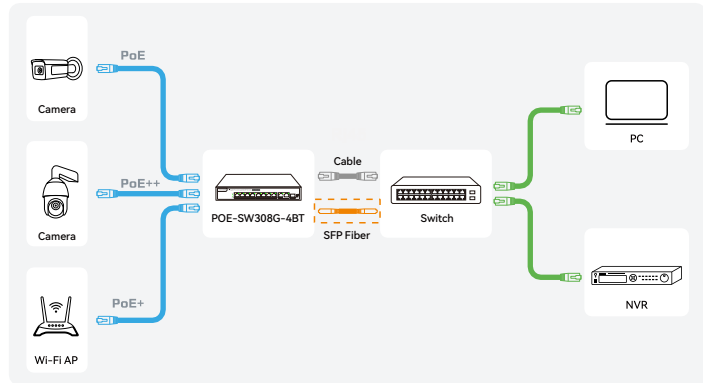
LINOVISION's POE-SW308G-4BT 802.3bt POE++ switch is a compact yet powerful networking solution designed to support the increasing demand for high-power devices. This switch provides Power over Ethernet Plus Plus (POE++) capability, delivering up to 90W on first 4 ports, making it ideal for powering high-performance devices such as PTZ cameras, WiFi6 access points, LED lighting, and industrial equipment.

Engineered for reliability and efficiency, LINOVISION's PoE++ switches feature gigabit Ethernet support and robust safety mechanisms like surge protection and overcurrent prevention. Their plug-and-play design ensures quick setup, while the compact form factor makes them suitable for both office and industrial environments. These 802.3bt PoE++ switches offer tremendous value by reducing infrastructure costs and simplifying deployment. They eliminate the need for separate power supplies, enhance energy efficiency, and provide scalable solutions tailored to small-to-medium networks or edge deployments.

### Common features:

- 802.3bt commercial PoE++ switch.
- Support IEEE 802.3af, IEEE 802.3at and IEEE 802.3bt standards.
- Supports PoE Power up to 90 watts for PoE++ port.
- Confirm to IEEE802.3, IEEE802.3u, IEEE802.ab, IEEE802.z.
- MAC auto study and aging, MAC address list capacity is 8k.
- All the RJ45 ports self-adapt MDI/MDIX mode.
- All the RJ45 ports self adaptive 10/100/1000Mbps.
- Commercial wide temperature design (-4°F~131°F/ -20~55°C).
- Support 6KV ESD protection on all ports.

## Typical Application:



## Operation Guide:

### Please check and confirm the following notes before installation.

- If the PoE port meets the power requirements of the connecting device.
- If the PoE standard requirements and power supply matches with the connecting devices.
- If the output power of the matched power adapters is compatible with the specification of the adapters.

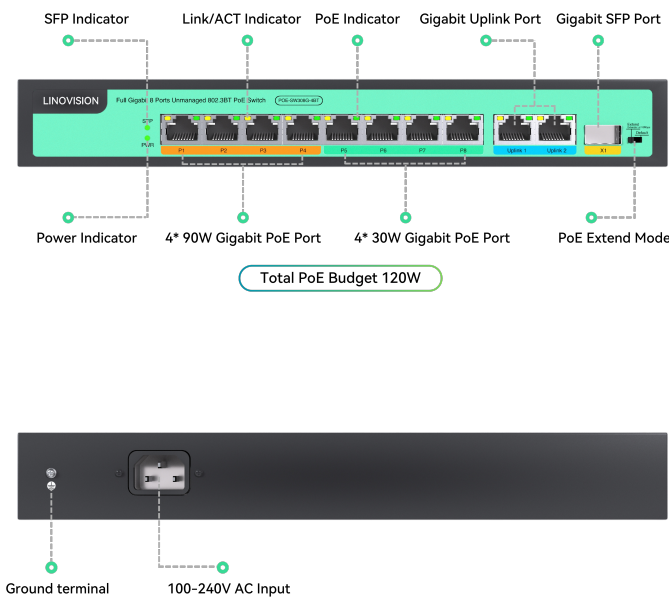
### Then Please follow the following steps to install the PoE switch.

- Put the PoE switch on the table, wall or rack.
- Connect the power outlets through the power cable.

### Caution:

- Please do not put heavy products on the PoE switch and ensure good ventilation environments for the PoE switch.
- Please cut off the power first before plugging the power adapter.
- Indoor use only.

## Panel View



## Technical specification

Model	POE-SW308G-4BT
Hardware Specifications	
Connector	10*10/100/1000BASE-T RJ45, 1*1000MBase-X SFP
PoE Port	4*10/100/1000Mbps PoE+ port 4*10/100/1000Mbps PoE++ port
LED Indicators	Power Indicator: PWR(green).Network Indicator: Link(green) PoE Working Indicator: PoE(yellow).SFP Indicator: Link(green)
Switch Architecture	Store and Forward
Backplane bandwidth	24Gbps
Packet forwarding rate	17.86Mpps
MAC address	8k
Power requirement	AC100~240V 50/60Hz
ESD Protection	6KV ESD
Dimension(W×D×H)	250mm x 180mm x 44.5mm
Weight	4.41lb(2Kg)
Power over Ethernet (PoE) Specifications	
Network standard	IEEE802.3i 10 BASE-T, IEEE802.3u 100 BASE-TX IEEE802.3ab/z 1000 BASE-TX, IEEE802.3x Flow Control
PoE Standard	IEEE 802.3 af/at/bt
PoE Supply Type	1/2/4/5(+), 3/6/7/8(-)
PoE Power Output	Max. 90W (Single Port)
PoE Power budget	Total 120W
Environment	
Environment specification	Operating temperature: -4°F~131°F (-20°C~55°C) Storage temperature: -4°F~131°F (-20°C~75°C) Operating humidity: 5%~95% Storage humidity:5%~95%
Safety	FCC Part15 Class A, CE, RoHS

## 802.3bt PoE++ Switch Warranty Card

WARRANTY CARD			
INFORMATION(FILLED BY THE CUSTOMER)			
PRODUCT NAME		SERIES NUMBER	
PRODUCT MODE		LINKMAN	
CUSTOMER		ZIP CODE	
ADDRESS		FAX	
TEL		SHIPPING DATE	
E-MAIL			
Quality Certificate			
Checked By: _____			
Date: _____			
This warranty card is only valid as it is filled in and got the product repaired			