

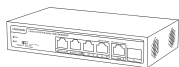
LINOVISION

4 Ports Full 2.5G PoE Switch
POE-SW305G25F
Quick Guide (V1.0/2026-5-19)

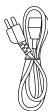


Quick Guide

Package Contents



POE-SW305G25F

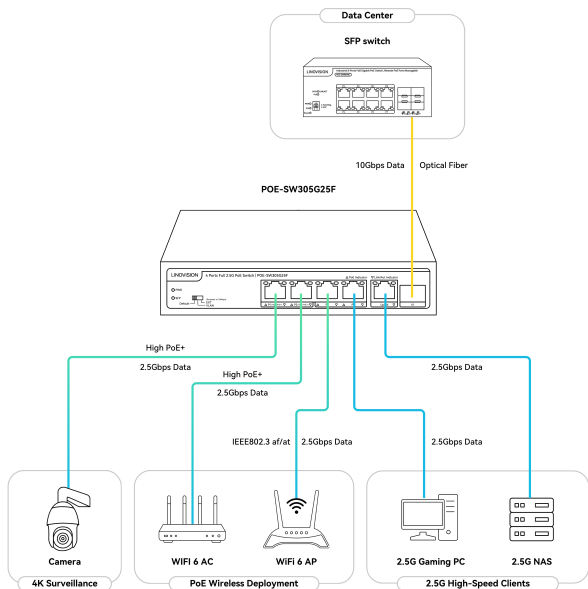


Power Adapter



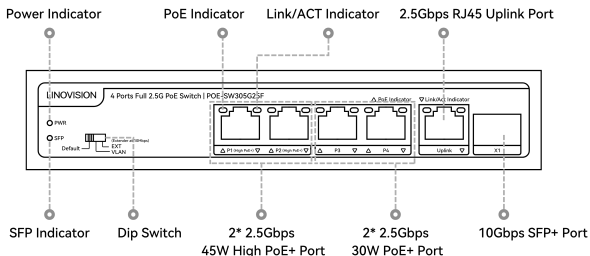
User Manual

Connection Diagram



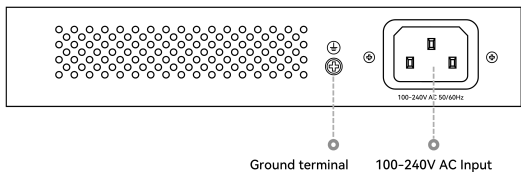
Interface

Front View

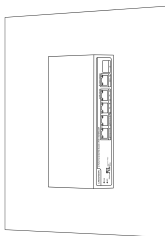
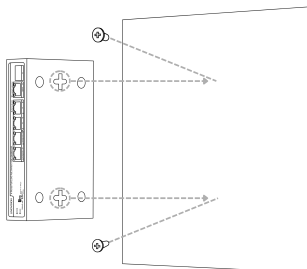


Total PoE Budget 100W

Rear View



Installation



Wall-mounting Installation

Specifications

Model	POE-SW305G25F
Interface	5*10M/100M/1000M/2.5Gbps RJ45 Port 1*1G/2.5G/10Gbps SFP+ slot
Standard	IEEE802.3, IEEE802.3ae, IEEE802.1ab, IEEE802.3x, IEEE802.3u, IEEE802.3ab, IEEE802.3z IEEE802.3af, IEEE802.3at
Network Media(Cable)	10BASE-TX:UTP category 3, 4, 5 cable (≤100m) 100BASE-TX:UTP category 5, 5e cable (≤100m) 1000BASE-X:UTP category 5e, 6 cable (≤100m) 2.5GBASE-X:UTP category 6, 6A cable (≤100m) 10GBASE-X:UTP category 6A, 7 cable (≤100m) 1000BASE-X: MMF, SMF modules 10GBASE-X: MMF, SMF modules 10GBASE-SR: OM1/OM2/OM3 or above MMF (2m~300m) 10GBASE-LR: IEC's B1.1 and B1.3 SMF (2m~10000m)
LED Indicator	PWR(Green), LNK/ACT(Green), PoE(Orange)
MAC Address Table	4K, Auto-learning, Auto-update
Jumbo Frame	12KBytes
Packet Buffer	8Mbit
Transfer Mode	Storage-and-Forward
Switching Capacity	45Gbps
Packet Forward Speed	33.48Mpps
Dimensions (L*W*H)	168*94*32mm (6.61*3.70*1.26 in)
Total Power Supply	110W
Input Voltage	AC: 100-240V,50/60Hz
PoE Total Power	100W
PoE Port	Port 1-4
PoE Output Voltage	1-2 Ports 45W (Max)
PoE Power On RJ45	1/2(+), 3/6(-)
Operation Temperature	0°C ~ 50°C (32°F ~ 122°F)
Storage Temperature	-40°C ~ 70°C (-40°F ~ 158°F)
Operation Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing
Electrostatic Standard	Contact ±6KV, Air ±8KV

Lightning Protection Grade	Differential mode $\pm 2\text{KV}$ common mode $\pm 6\text{KV}$
MTBF	>50000 hours

LED Indicator

LED	Color	Function
PWR	Green	Off: No Power supply. Light: Indicates the Switch has power.
LNK/ACT	Green	Off: The data port has been disconnected. Light: The data port is connected.
PoE	Orange	Off: The port does not supply power to the opposing device. Light: The port is connected with the power supply equipment.

DIP Switch

Mode	Description
Default	Standard switching mode. All ports can communicate with each other. Functions like a conventional 2.5G PoE switch.
VLAN	Port isolation mode. Ports 1–4 are isolated from each other while maintaining communication with Ports 5–6 (uplink ports). Connect Ports 5–6 to the central switching device.
EXT	Long-range transmission mode. The port speed is limited to 10 Mbps, enabling transmission distances of up to 250 m (820 ft). Ideal for IP surveillance deployments, reducing cabling costs and eliminating the need for additional network extenders in many applications.