LINOVISION

POE-SW502GF-BT

Industrial 2 Ports Gigabit BT90W PoE Switch, SFP Uplink

POE-SW502GF-BT is a Mini Industrial 3 ports Optical-Electrical Media Converter. It offers 1 1000Mbps SFP port and 2 10/100/1000Mbps RJ45 ports with auto MDI / MDI-X function and 90W PoE++. It can convert Optical Ethernet into Electrical Ethernet with PoE. It is a hardened grade product whose operating temperature range is −40℉ to 167℉(−40℃ to 75℃). This media converter is ideal for applications requiring reliable and efficient network extension over both electrical and optical interfaces.

Outstanding Features

- **Flexible SFP Port:** Use a module like Conv-SFP-GE to convert the SFP port to RJ45 port, connect to network devices with RJ45 port such as Wireless AP, Routers.
- **Industrial Design:** This Converter with mini size of 3.74″ x2.75″ x1.14″(95mm×70mm×29mm), use DIN rail or wall mounting to easily fit into small cabinets or small machines, etc. Designed with IP40 aluminum industrial enclosure, wide working temperature from -40 ℉ to 185 ℉(−40 ℃ to 85 ℃), DIN Rail mounting, 6KV surge protection, suitable for harsh environments.
- **BT 90W Ports:** Comply with IEEE802.3 af/at/bt 90W POE++ standards, deliver up to 90W power per port, suitable for high-power POE devices, like POE lighting, PTZ camera, etc. Supports dual output, total POE budget is 180W.
- **Electromagnetic Interference Resistance:** This Converter meets EN55022 standard, it has strong capabilities to resist external electromagnetic interference.
- **Applications:** Provide safe and reliable BT90W PoE power to PTZ camera, POE lighting, wireless access point, and VoIP Phone, etc.

Specification

POE-SW502GF-BT	
Mechanical	
Dimensions (W*H*D)	3.74×2.75×1.14"(95×70×29mm)
Input Power	48 to 57V DC (4-pin Terminal Block)
Weight	0.55Lb(0.25Kg)
Material	Aluminum
Installation	DIN-rail Installation; Wall-mounted Installation
Interface	
Connector	2* 10/100/1000Mbps PoE RJ45 Ports
Optical Port	1* 1000Mbps SFP Slot
Ethernet	
Processing Type	Store-and-Forward
Forward Filtering Rate	14,880pps (10Mbps)
	14,8800pps (100Mbps)
	14,88000pps (1000Mbps)
PoE Standard	IEEE802.3 af/at/bt
PoE Budget	Totaling 180W
Packet Buffer Memory	1Mbits
Max Packet Length	9K Bytes
Address Table Size	2K MAC Addresses
Environmental	
Operating Temperature	-40°F to 167°F(-40°C to 75°C)
Storage Temperature	-40°F to 185°F(-40°C to 85°C)
Operating Humidity	5% to 95% non-condensing
MTBF	> 200,000 hrs

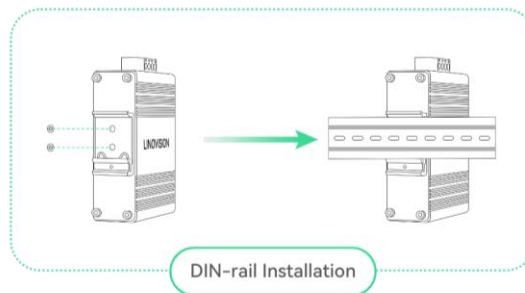## Package included

POE-SW502GF-BT

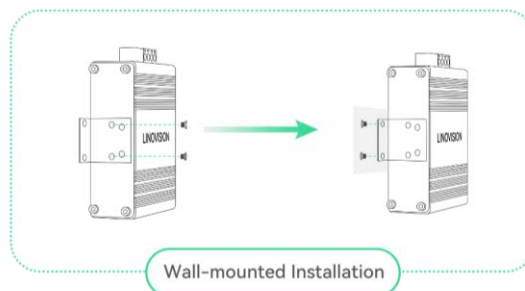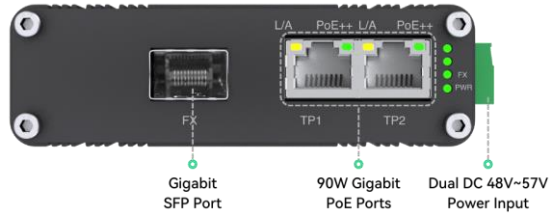DIN-Rail Mounting Accessory

Wall Mounting Accessory

POE-SW502GF-BT

User Manual

Installation

DIN-rail Installation

Wall-mounted Installation

Interface

Front View

Gigabit
SFP Port

90W Gigabit
PoE Ports

Dual DC 48V~57V
Power Input

Side View

Din-Rail   Ground Screw

Dimension

1.14"
(29mm)

3.74"
(95mm)

2.75"
(70mm)
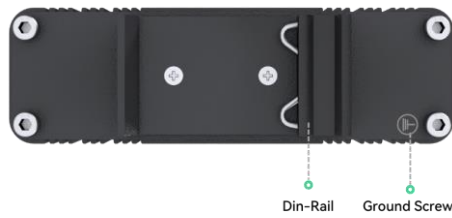
Disclaimer：Technical specifications may subject to change without prior notice