

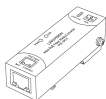
LINOVISION

10/100/1000M PoE PD Fiber Media
Converter
POE-SP01F
Quick Guide (V1.0/2026-3-5)

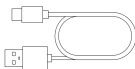


Quick Guide

Package Contents



POE-SP01F



Type-C USB Data

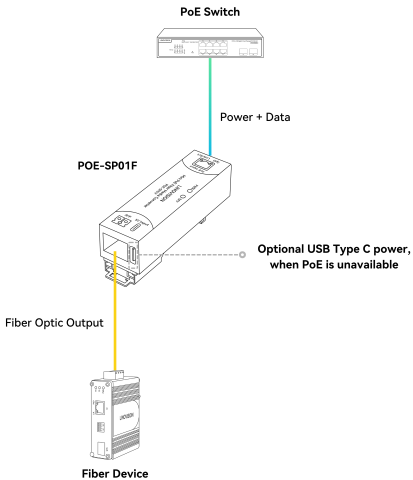


Wall Mounting Accessory



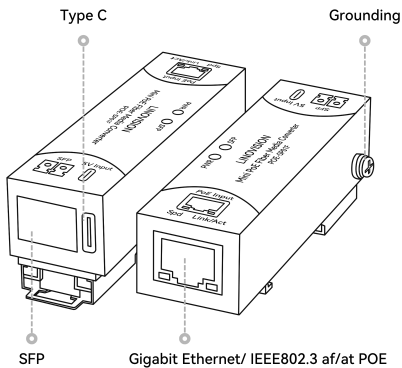
Quick Guide

Connection Diagram

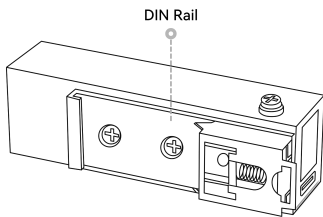


Interface

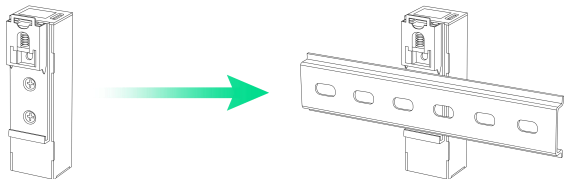
Front & Back View



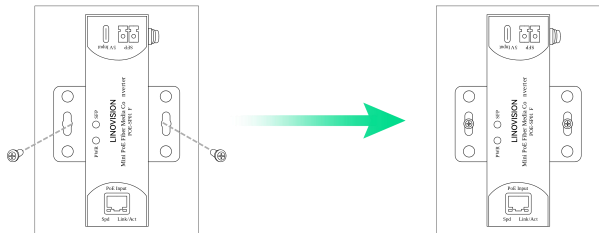
Bottom View



Installation



DIN-rail Installation



Wall-mounting Installation

Specifications

Ethernet Interface (RJ45)	
Interface Type	RJ45
Transmission Rate	10/100/1000 Mbps
Duplex Mode	Full Duplex / Half Duplex Auto Negotiation
Protocol	IEEE 802.3, IEEE 802.1Q (VLAN)
MAC Address Table	4096 entries
Cable Type	Cat5e / Cat6 or higher
MDI/MDI-X	Auto MDI/MDI-X supported
Fiber Interface	
Interface Type	SFP Slot
Fiber Standard	1000Base-SX / LX
Transmission Rate	1000 Mbps
Duplex Mode	Full Duplex
Wavelength	1310 nm / 1550 nm
VLAN Support	IEEE 802.1Q
Transmission Distance	5 km – 120 km (depending on SFP module)
Power Supply	
PoE Input	IEEE 802.3af PD
External Power Input	Type-C
Input Voltage	DC 5 V
Power Consumption	≤ 5 W
Mechanical Specifications	
Operating Temperature	-40°C ~ +85°C (-40°F ~ +185°F)
Storage Temperature	-40°C ~ +85°C (-40°F ~ +185°F)
Operating Humidity	0% ~ 95% (non-condensing)
MTBF	>100,000 hours

LED Indicator

LED	Color	Status	Description
PWR	Green	On	Power is connected
		Off	No power
FIB	Green	On	Fiber port link established
		Flashing	Fiber data transmitting
		Off	Fiber link down
Link/Act	Green	On	Ethernet port connected
		Flashing	Ethernet data transmitting
		Off	Ethernet link down
SPD	Green	On	1000 Mbps connection

RJ45 UTP Wiring Table

A-End RJ45 Connector		Straight Cable B-End Connector		Crossover Cable B-End Connector	
Pin No.	Twisted Pair Color	Pin No.	Twisted Pair Color	Pin No.	Twisted Pair Color
1	White/Orange	1	White/Orange	1	White/Green
2	Orange	2	Orange	2	Green
3	White/Green	3	White/Green	3	White/Orange
4	Blue	4	Blue	4	Blue
5	White/Blue	5	White/Blue	5	White/Blue
6	Green	6	Green	6	Orange
7	White/Brown	7	White/Brown	7	White/Brown
8	Brown	8	Brown	8	Brown

Troubleshooting

Issue	Possible Cause	Solution
PWR LED off	No power input	Check Type-C power supply
FIB LED off	Fiber link failure	Check fiber cable and connectors
Link/Act LED off	Ethernet cable issue	Check RJ45 cable
Packet loss	Duplex mismatch	Adjust duplex settings
Connection unstable	Cable or fiber issue	Check wiring or fiber alignment