LINOVISION

POE-Splitter1224

User Manual

Updated on November 16, 2023

Introduction

PoE Splitter consisting of one PoE Input Port, one Ethernet port, and one DC Power Output port. PoE (Power over Ethernet) technology allows the existing Ethernet infrastructure to transmit electrical power, along with data, to remote IP endpoints over the Ethernet cables. It can work with all IEEE802.3 af/at PoE compliantPSE (Power Sourcing Equipment) or PoE Supplier Adapter and supports Mode A (end- span) and Mode B (mid-span). The maximum power available at PD is up to 25W and it delivers power up to 100 meters.

Unique Features

- PoE 36V~60V input (max 30W), DC 12V/DC 24V/POE 24V output
- Provides both DC connector and Green terminal (one DC output at a time), max power output is 25W
- Supports 10/100/1000Mbps transmission speed, max 328ft (100 meters) transmission
- 6KV lighting protection and level 3 ESD protection
- Signal and power isolation design to avoid signal interference
- -40°C~75°C (-40 °F~167 °F) working temperature

Package Contents

x1

POE-Splitter1224

x1

RJ45 Cable

x1

DC Cable

x1

PoE 24V Adapter

x1

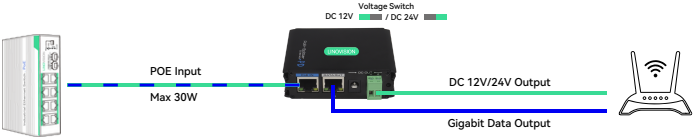
Wall Mounting Pack & DIN Rail

x1

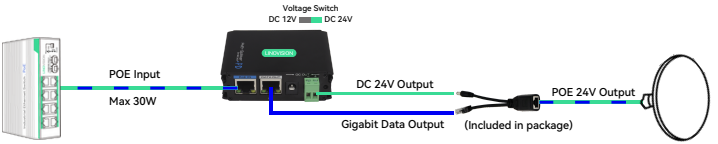
User Manual

Applications

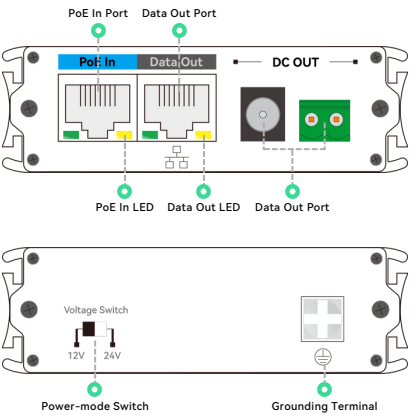
1 PoE Split to DATA + DC12V/24V



2 PoE Split to Passive 24V PoE



Panel View

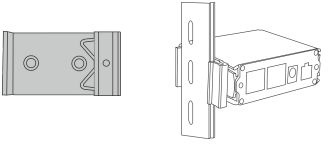


Installation

Please follow installation step as below:
1) Please turn off the signal source and the device's power, installation with power on may damage the device;
2) Please power off the device while using the 12V/24V Power-mode Switch in case of destroying the device;
3) Use another network cable to connect the IP camera with the PoE splitter's ethernet port;
4) Connect the DC power line with the splitter's DC port, and connect the other side to the IP camera's power port;
5) Check if the installation is correct and device is good, make sure all the connection is reliable and system is powered on;
6) Make sure all the network devices have power supply and they work normally;
7) Use a network cable to connect the PoE switch, and connect the other side with the splitter's PoE In port.

The equipment must connect anti-thunder ground, otherwise the protection level of the equipment will be greatly reduced; please use 20th or over wire connect ground port to the ground.

Wall Mounting



DIN Rail Mounting

Data Sheet

Item		Item Description
Interfaces	PoE In	1×RJ45
	Data Out	1×RJ45
	DC Out	1×green terminal 1×DC connector(*alternative)
	Grounding	Grounding Terminal
PoE Power Supply	Protocol	IEEE803.2af/at
	Power Supply	Support Mode A (End-Span) and Mode B (Mid-Span)
	Power Requirements	PoE 36V~60V 30W(max)
	Power Consumption	≤25.4W
	Output Power	DC 12V/24V by DIP switch control
	Output Ripple	<5%
Ethernet Port Parameter	Transmission Distance	100m
	Transmission Speed	10/100/1000Mbps
	Transmission Medium	Cat5/5e/6 Standard Network Cable
Status Indicator	Input PoE Power	1 (PoE In Port RJ45 Yellow Light)
	Output DC Power	1 (Ethernet Port RJ45 Yellow Light)
Protection Level	ESD	3 level, Standard: IEC61000-4-2
	Lightning Protection	PoE Power: 3KV (Differential Mode), 6KV (Common Mode) 1.2/50us, 8/20us Ethernet: 3KV (Differential Mode), 6KV (Common Mode) 10/7000us
Environmental	Environmental	-40℃~75℃
	Storage Temperature	-40℃~85℃
	Humidity (Non-Condensing)	0~95%
Mechanics	Dimension (L×W×H)	82mm×63mm×25mm
	Material	Aluminum
	Color	Black
	Weight	180g

Contacts

For assistance, please contact linovision technical support:
Web: https://www.linovision.com
Email: support@linovision.com