USER GUIDE

PoE & Optical Transmission

10/100M 4 Port Smart PoE Switch Series

ONV

Notice

Packing List

Please kindly check the following items:

- 1 Intelligent PoE switch
- 2 Mounting Kits
- 1 User Guide/Conformity Certificate/Warranty Card

⚠ Note

If any shortage or damage found, please contact us in time.

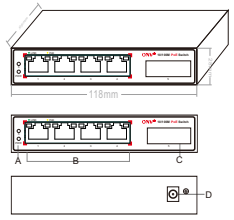
Overview

This series is a 100M uplink unmanaged PoE switch independently developed by ONV. Port 3-6/1-4 10/100M RJ45 port can support PoE function, comply with IEEE 802.3af/at standard, single port PoE power can reach 30W, The maximum PoE output power is 65W/130W, It can be connected to the NVR and router at the same time, which facilitates the expansion of the monitoring network. Support standard switching, 10M/250m long-distance transmission, and VLAN video surveillance three working modes. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP, video access control and intercom, through a network cable, to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises to form an economy. Efficient network.

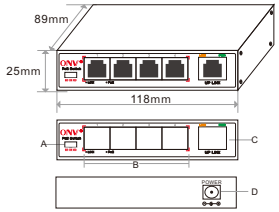
Feature

- All ports can support non-blocking wire-speed forwarding for smoother transmission.
- Support IEEE 802.3x full-duplex flow control and Backpressure half-duplex flow control.
- Support 4*10/100Base-T RJ45 ports, automatically identify PoE devices for power supply, and not damage non-PoE devices.
- Support standard switching, 10M/250m long-distance transmission, and VLAN video surveillance three working modes to improve the phenomenon of jam and mosaic in the monitoring network.
- Suppress network storms and improve network performance.
- Plug and play, no configuration, simple and convenient.
- Users can easily understand the working status of the device through the power indicator (PWR), PoE work indicator (PoE), and network status indicator (Link/Act).

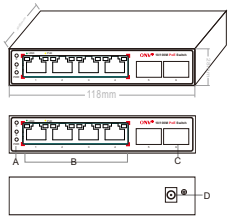
Dimension



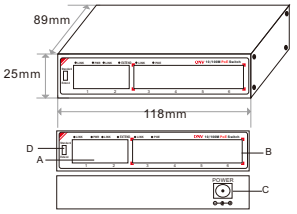
A.Working indicator B.4* PoE ports
C.1*155M SC fiber port D.DC48-52V



A. Multi-functional switch
B. 4* PoE ports C. 1*10/100M Uplink RJ45 ports
D. Power input port DC48V



A.Working indicator B.4* PoE ports
C.2*10/100M SFP ports D.DC48-52V



A.2*Gigabit Uplink RJ45 ports B. 4* PoE ports
C. Power input port DC48V D.Multi-functional switch

LED Indicator Description

Indicator	Status	Description
Power indicator:PWR	Green LED ON	Connected correctly, power supply is norma
	Green LED OFF	The power supply is not powered or the power supply is faulty
Link indicator	Yellow LED ON	Connected correctly
	Yellow LED Blink	Receiving or sending data
	Yellow LED Blink	Incorrect connection / link failure / power failure
PoE indicator : PoE	Green LED ON	The device is connected and powered normally
	Green LED Blink	Port short circuit or current is too large
	Green LED OFF	No powered device connected or not powered
Multi-function switch	S	Default allocation
	E	Long distance transmission
	V	1-8 ports VLAN isolation
	Standard	Default allocation
	Extend	Long distance transmission and VLAN isolation

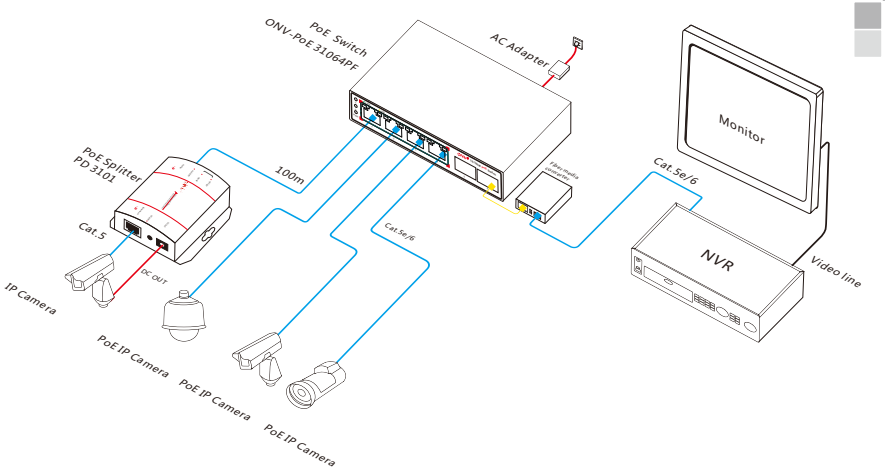
⚠

Note: The device has built-in precision components, please take care to avoid the vibration, so as not to affect the performance of the equipment. If you find that the equipment has been damaged or lost any parts during transportation, please inform the company or our dealers and we will get back to you as soon as possible.

POWER jack: Power jack, connected to the power adapter. The built-in power intelligent network management PoE power supply switch series products do not need an external power adapter.Directly connected to AC100~240V, 50/60Hz.

Ethernet port: Adaptive RJ45 port. All RJ45 ports support auto flip, plug and play. Each port can be identified by the indicator light on the front panel Working status.

Application



Installation guide

Please install with the supporting devices.

Installation

Please confirm the following things before installation:
1. If the POE ports meets the power requirement of the connecting devices.
2. If the POE standard requirements and power supply matches with the power receiving device (1/2+ 3/6-(End -span))
3 .If the output power of the matched power adapter is compatible with the specification in the label of the POE switch

Please install the POE switch according to the following steps:
1. Put the PoE switch on the surface of a large and stable table.
2. Plug the power adapter into the power connector, and then connect the power outlet through the power cord.
3. Connect the network devices to the POE switch port with network cable.

⚠ Note

1.Please do not put heavy products on the POE switch, and please ensure good ventilation environment for the POE switch.
2.Please cut off the power first before plugging the power adapter.

Power

Connect the power cable, plug it into power socket, turn on the power, then the switch will automatically initialize, and LED lights status will display as following:
1 All lights will flash brightly except for the PoE ports, which means a successful power boot has occured.
2 Power LED remains lit.

⚠ Note

If initialization is inconsistent with the above, please check the power.

Model Detail

ONV-POE31004PL(at) : Unmanaged PoE switch with4*10/100MPoE ports +1*10/100M uplink RJ45 port ,Port 1-4 can support IEEE 802.3af/at PoE standard, Adjust function switch, 1-4 port VLAN isolation or 10M/250m long distance transmission, external 65W(at-110W) power supply.

ONV-POE31004PF(at) : Unmanaged PoE switch with 4*10/100M PoE ports + 1*155M uplink SC port . Port 1-4 can support IEEE 802.3af/at international standard. By default, the SC port 1310nm/20km single mode dual fiber module is configured. External 65W(at-110W) power supply.

ONV-POE31004PF-A(at) : Unmanaged PoE switch with 4*10/100M PoE ports + 1*155M uplink SC port . Port 1-4 can support IEEE 802.3af/at international standard. By default, the SC port 1310nm/20km single mode single fiber module is configured. External 65W(at-110W) power supply.

ONV-POE31004PF-M(at) : Unmanaged PoE switch with 4*10/100M PoE ports + 1*155M SC uplink port . Port 1-4 can support IEEE 802.3af/at international standard. By default, the SC port 850nm/0.5km or 1310nm/2km multi-mode dualfiber module is configured. External 65W(at-110W) power supply.

ONV-POE31064PL(at) : Unmanaged PoE switch with 4*10/100M PoE ports +2*10/100M uplink RJ45 ports , Port 3-6 can support IEEE 802.3af/at PoE standard . Adjust function switch, 3-6 port VLAN isolation or 10M/250m long distance transmission, external 65W power supply. external 65W(at-110W) power supply.

ONV-POE31064PF(at) : Unmanaged fiber PoE switch with 4*10/100M PoE ports and2*155Muplink SCports, Port 1-4 can support IEEE802.3af/atPoE standard . External 65W(at-110W) power supply.

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