USER GUIDE

PoE & Optical Transmission ////////////

ONV-H1004P&ONV-H1008P

ONV

Statement

Packing List

Please kindly check the following items:

➤ 1 PoE switch
➤ 1 Power Adapter
➤ 2 Mounting Kits
➤ 1 User Guide/Conformity Certificate/Warranty Card

⚠ Note

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

Product overview

Product Introduction

10/100M unmanaged PoE switch can provide both 10/100M Ethernet data and Power over network cable, it can be used as Ethernet Power Sourcing Equipment, it can automatically detect and identify whether connected devices such as IP camera comply with standard IEEE PoE 802.3af, 802.3at and supply power for them. 10/100M unmanaged PoE switch easier the deployment of Wireless AP, IP camera and IP-based network equipment.
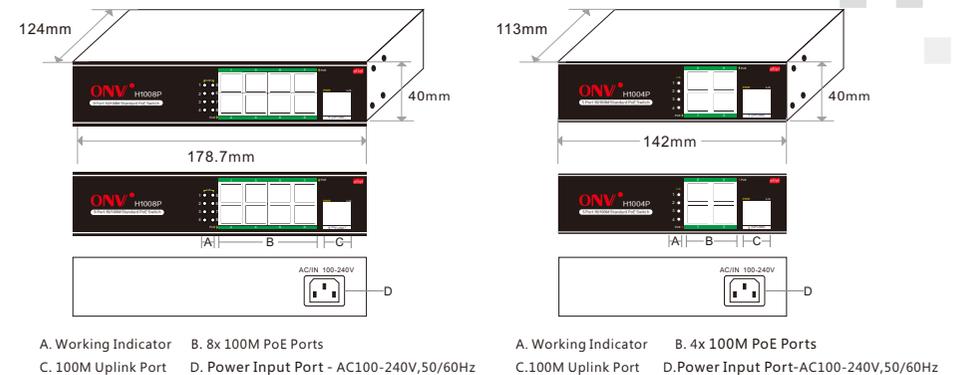
⚠ Note

The product 'Switch' mentioned in the manual, if without a special request, it is refering to 10/100M unmanaged PoE switch, PoE switch in short in below.

Feature

➤ Comply to IEEE802.3, IEEE802.3u, IEEE802.3af, IEEE802.3at.
➤ 10/100M self-adaptive, down link port support PoE.
➤ All the ports support Auto MDI/MDIX.
➤ Each PoE port support Power up to 15.4Watts(IEEE802.3af), 30Watts(IEEE802.3at)
➤ Comptible with Powered device applied to IEEE802.3af
➤ Support IEEE802.3x Full Duplex flow control and Duplex backpressure flow control fuction
➤ Automatic MAC address learning and aging.
➤ High perfermance full load power configuration.
➤ LED indicator monitor working status and help fault detection

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Technical Structure and Port Description

124mm
40mm
178.7mm
AC/IN 100-240V
|A| B |C|
D

A. Working Indicator   B. 8x 100M PoE Ports
C. 100M Uplink Port   D. Power Input Port - AC100-240V,50/60Hz

113mm
40mm
142mm
AC/IN 100-240V
|A| B |C|
D

A. Working Indicator   B. 4x 100M PoE Ports
C.100M Uplink Port   D.Power Input Port-AC100-240V,50/60Hz

Indicator description:

Indicator	Status	Description
Power Indicator:PWR	Yellow ON	Working normally
	OFF	Power disconnected
Link Indicator : L/A	Green Blink	Data under transmission for corresponding port
	Green ON	Connect with 10M/100M network device
	OFF	No network device connected

⚠ Note

Please confirm that the PD devices are complying with IEEE802.3af/at standard.

Priority: this function will protect device when it is overload, if all PD consumption are higher than specified, switch port will be sorted by priority, port1, port2, port3, port N then power supply of lowest priority will be off.

Power port, Power adapter: please use 48V power supply, the switch will be damaged if use mismatched power supply; Please input AC110-245V\50Hz for internal power supply switch.

PoE port: The PoE ports include PoE function, it can transmit power and data when connected matching device, you can estimate the working status of each port on front panel LED.

Ethernet Port: Except PoE port, other port are Ethernet RJ45 port, all port support Auto MDIMDIX, plug and play, also you can estimate the working status of each port on front panel LED.

Connection Diagram
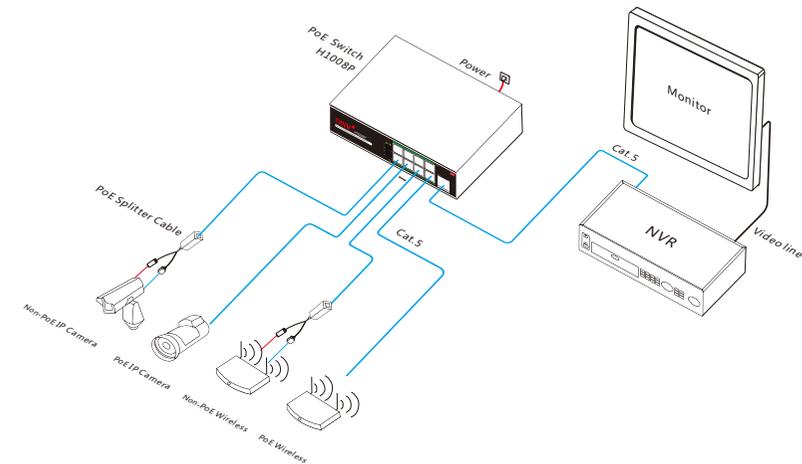
Installation guide

Please install with the supporting devices.

Installation

Please confirm the following things before installation:
1 If the POE port power meet the power requirement of the connecting devices.
2 If the POE standard requirement and power supply match with the power receiving device,
 "1/2+、3/6-(End-span)/4/5+、7/8-(Mid-span).
3 If the output power of the supporting power adapter is consistent 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 though network cable.

⚠ Note

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

Power

Connect the power cord, plug it in, turn on the power. When turned on, the switch will automatically initialize, and at this time the following cases will occur for the LED lights:
1 Except the POE port lights, all the other lights will be off after bright, which means the restoration is successful.
2 Power LED remains lit.

⚠ Note

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

Model description with details

ONV-H1004P: 5-Port 10/100M PoE Switch. 1-4 Port could support PoE at the standard of IEEE802.3af. Each port power is 15.4W. The max power for each port is 30W. Total Power is 65W. Power Supply Built-in

ONV-H1008P: 9-Port 10/100M PoE Switch. 1-8 Port could support PoE at the standard of IEEE802.3af. Each port power is 15.4W. The max power for each port is 30W. Total Power is 130W. Power Supply Built-in