

## 10/100M 10-Port Long Transmission Distance PoE Switch (ONV-H1108PL)

### Long Transmission Distance Standard PoE Switch



- ◆ Supply power to wireless AP and IP Camera through CAT 5 cable (Must use with DC24V to 12V non-standard PoE splitter cable)
- ◆ 1-10 Port: 10/100M auto sensing RJ45 port.
- ◆ Support port auto-flip (Auto MDI/ MDIX)
- ◆ Anti-thunder function for uplink port (Port 9-10 anti-thunder function reaches level 2)
- ◆ Total PoE Power: 120W (Port 1 - 8 )
- ◆ Max PoE power output is 30W.
- ◆ Support long transmission distance at 250 meters
- ◆ Switch Mode: Mode 1: Port 1-10: 10/100M auto-sensing. @100 meters; Mode 2: Port 1-8: 10M @ 250 meters; Port 9-10: 100M @ 100 meters
- ◆ Store and forward
- ◆ Fanless design, natural cooling. Mini size.

### Description

ONV-H1108PL supports data and power transmission through CAT.5 cables at the same time. And 8+2 port support fast connecting at 10/100Mbps. It also supports long transmission distance at 250 meters both for power and data, therefore, it saves cost for the project that requiring long distance transmission through extender, fiber and coaxial cable etc. It reduces line losses effectively though 4-core cable supplying power same time.

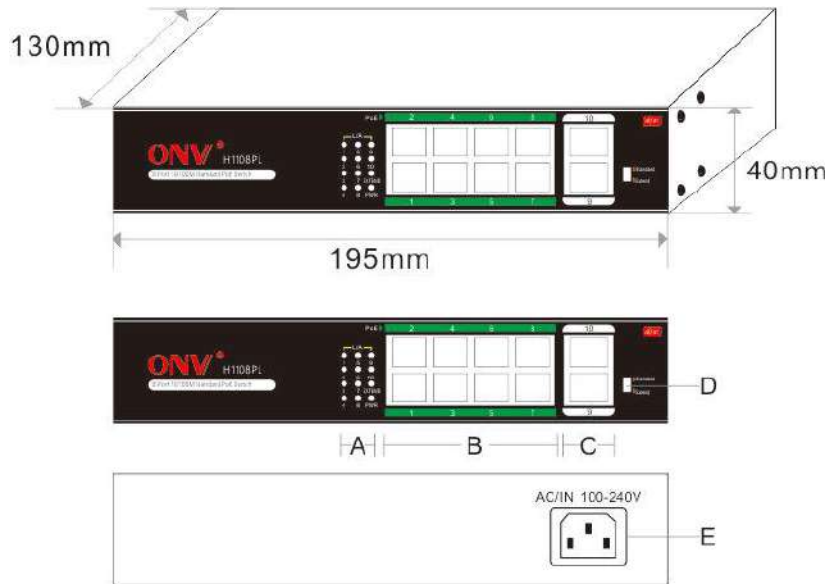
Cost effective ONV-H1108PL provide a simple network for wireless AP, business and home that are based on the installation of IP Camera. These devices away from electrical outlets are very suitable for hanging on the wall or ceiling. PoE eliminates the hassle for these devices, specially the electrical outlets. Connect the AC power connection to make those difficult device more flexible, and the installation cost minimization.

**Technical Specification**

|                                        |                                                                                                                                                                                                                                                          |
|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Name</b>                    | 10/100M 10-Port Long Transmission Distance PoE Switch                                                                                                                                                                                                    |
| <b>Product Model</b>                   | ONV-H1108PL                                                                                                                                                                                                                                              |
| <b>Connector</b>                       | 10x 10/100M copper RJ45 Ports (All ports support MDI/MDIX auto sensing)<br>Port 1-8: PoE port, max PoE power output is 30W.<br>Transmission Distance: 250 Meters @10M, 100 Meters @ 100M                                                                 |
| <b>Transfer Mode</b>                   | Store-And-Forward                                                                                                                                                                                                                                        |
| <b>Network Medium</b>                  | 10BASE-T: Cat3,4,5 UTP(≤100 meters);<br>100BASE-TX: Cat5 or later UTP(≤100 meters);                                                                                                                                                                      |
| <b>Performance Specification</b>       | Bandwidth: 2G<br>Network Latency (100 to 100Mbps): maximum delay less than 20 microseconds<br>Buffer Memory: 1.25M<br>MAC Size: 2K<br>MTBF: 100,000hours                                                                                                 |
| <b>Network Protocols and Standards</b> | IEEE 802.3i 10BASET<br>IEEE 802.3u 100BASETX<br>IEEE 802.3x Flow Control<br>IEEE 802.3af/at                                                                                                                                                              |
| <b>Switch Mode Definition</b>          | Mode 1: Port 1-10: 10/100M auto-sensing. @100 meters.<br>Mode 2: Port 1-8: 10M @ 250 meters<br>Port 9-10: 100M @ 100 meters                                                                                                                              |
| <b>LEDs Status</b>                     | PWR<br>L/A                                                                                                                                                                                                                                               |
| <b>Power</b>                           | Total Power: 120W<br>Input: AC100-240V, 50-60Hz<br>PoE Power Supply: 1,2(+)/3,6(-) (Default) ; 45(+),78(-) (Option)                                                                                                                                      |
| <b>Dimension</b>                       | 195 * 130 * 40mm                                                                                                                                                                                                                                         |
| <b>Working Environment</b>             | Operating Temperature: -20 ° ~ 55 ° C;<br>Storage Temperature: -20 ° ~ 75 ° C;<br>Humidity: 10% ~ 90%, non-condensing;<br>Storage Humidity: 10% ~ 95%, non-condensing;<br>Working Altitude: 3000 m (10,000 ft);<br>Storage Altitude: 3,000 m (10,000 ft) |
| <b>Radiation</b>                       | CE mark, commercial<br>FCC Part 15 Class B<br>VCCI Class B<br>EN 55022 (CISPR 22) , Class B                                                                                                                                                              |
| <b>Safety</b>                          | CE Mark ,commercial<br>CE/LVD EN60950                                                                                                                                                                                                                    |
| <b>Warranty</b>                        | 1 year warranty                                                                                                                                                                                                                                          |

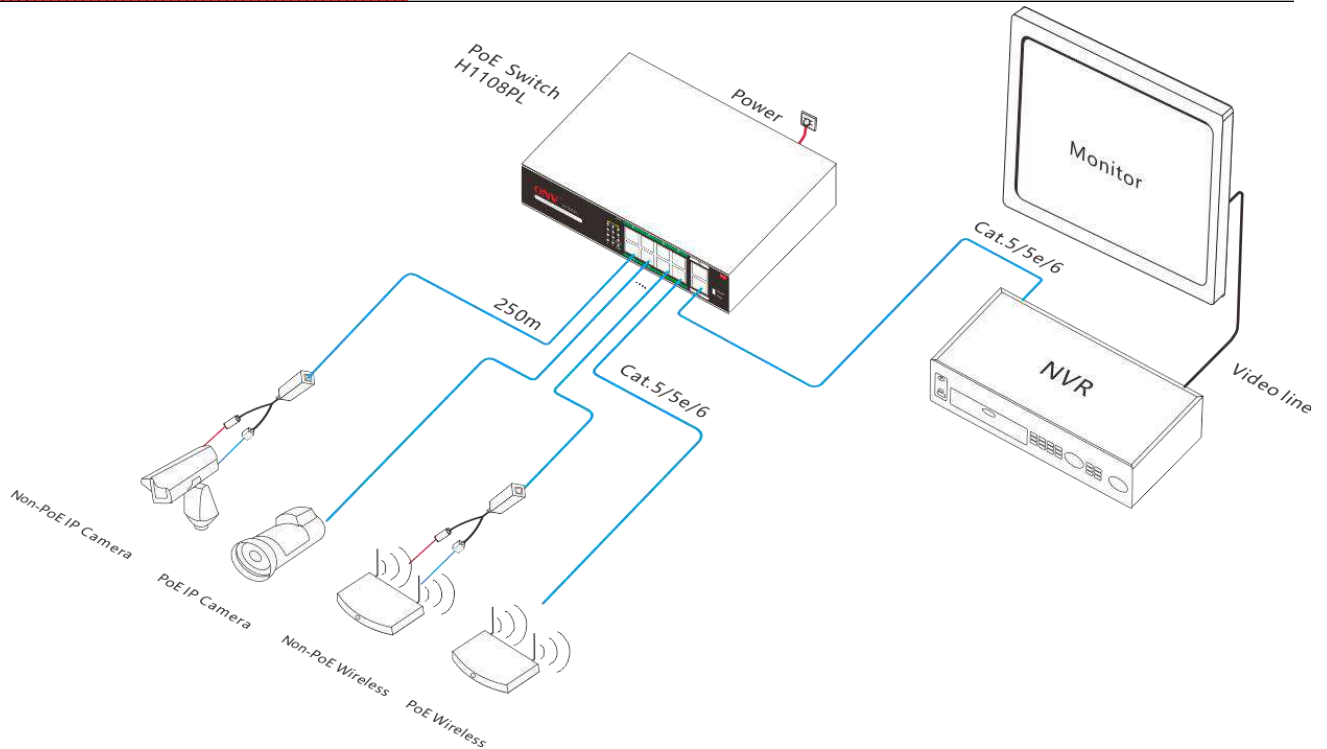
# Long Transmission Distance PoE Switch

## Dimension



- A. Working LED Indicator
- B. 8\*10/100M PoE Ports
- C. 10/100M Uplink Port
- D. Functional Switch
- E. Power Input Port - AC 100-240V, 50/60Hz

## Application



**: Ordering Information**

**Product Model:** ONV-H1108PL

**Product Description:** 10-Port 10/100M standard PoE Switch. Port 1-8 support PoE function with port isolation function. IEEE802.3af/at, max PoE power output is 30W. Total power is 120W. Long transmission distance at 250 meters for both power and data. Built-in power supply.

**Note:** PoE Power Supply: 1,2(+)/3,6(-) (Default) ; 45(+),78(-) (Option)

**: Packing list**

|              |                                                                |
|--------------|----------------------------------------------------------------|
| Packing List | 10/100M 10-Port Long Transmission Distance Standard PoE Switch |
|              | Power Cable                                                    |
|              | Mounting Kits                                                  |
|              | User Guide                                                     |
|              | Warranty Card                                                  |

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