

## 10-Port 10/100M Industrial PoE Switch (ONV-IPS31108PFB )

### 10-Port 10/100M Industrial PoE Switch



- ◆ Industrial design, 8\*10/100M RJ45 ports, 2\*gigabit TP/SFP combo ports.
- ◆ 8 PoE ports support both IEEE802.3af and IEEE802.3at.
- ◆ Supports IEEE802.3x flow control for Full-duplex Mode and back pressure for Half-duplex Mode.
- ◆ RJ-45 port supports Auto MDI/MDI-X.
- ◆ Automatic MAC address learning and aging.
- ◆ Auto-Negotiation for Full-duplex Mode and Half-duplex Mode.
- ◆ Plug and play, with LED indicators for monitoring power/link/activity, easy to use.
- ◆ Provides DIN35 rail-type installation method.
- ◆ Electromagnetic compatibility of up to 4 grade standard
- ◆ IP40 protection class.
- ◆ Superior performance, successfully used in industrial field
- ◆ Default PoE power supply type is end-span, mid-span optional.

### Product Description

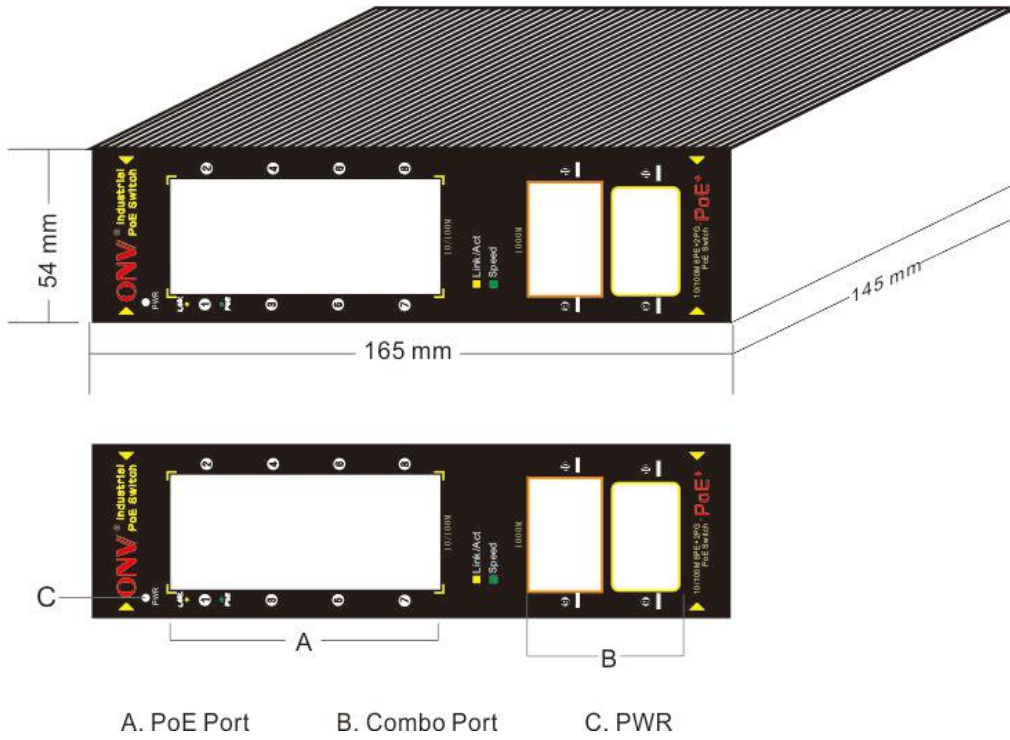
ONV-IPS31108PFB unmanaged PoE switch comes with 8x 10/100Base-T RJ45 Ethernet ports, 2x gigabit TP/SFP combo ports. It can supply power to industrial equipment such as weather-proof IP cameras with windshield wiper and heater, high-performance AP and industrial IP telephone. This industrial unmanaged PoE switch are highly flexible. The transmission distance of the SFP fiber port can be up to 120km, and with high resistance to electromagnetic interference.

ONV-IPS31108PFB product components were rigorous screened, have superior performance in stability, environmental adaptability. Shells were made by aluminum extrusion, more lighter, stronger, better resistance ability to corrosion and electromagnetic interference, ensure stability and security of Industrial Ethernet Switch, plus standard DIN-35 rail type installation method. Power input also chooses a suitable industry-standard types of power, to get more powerful suitability to environment.

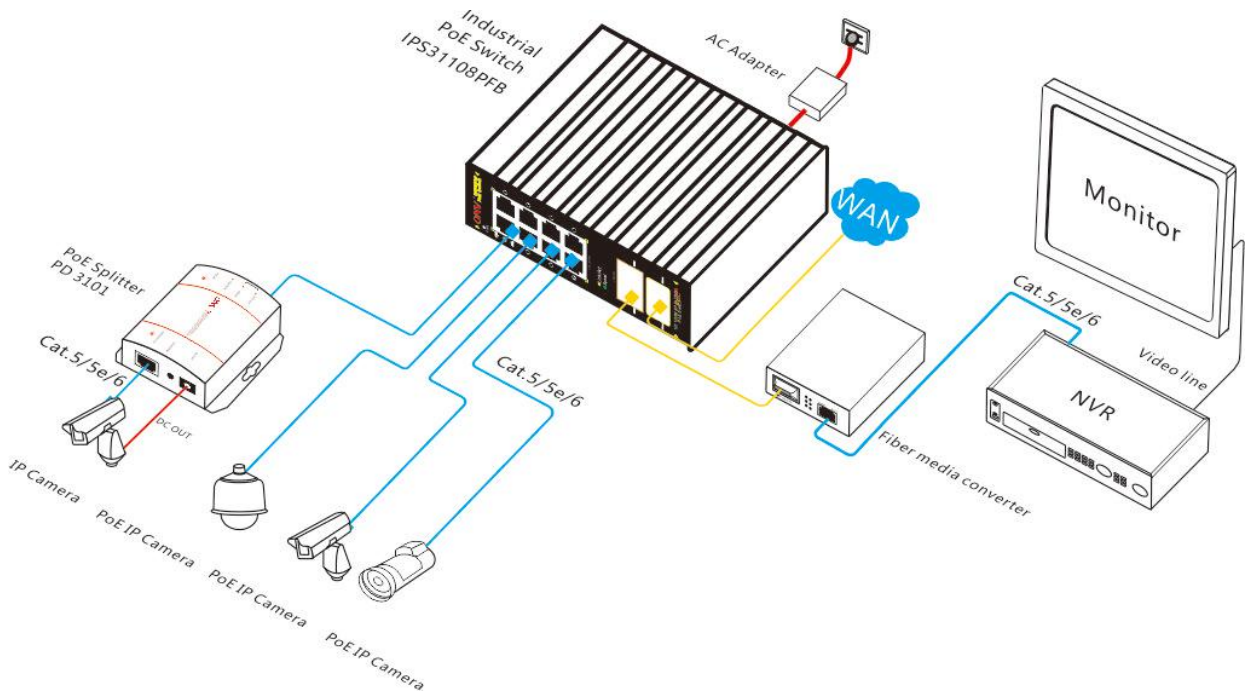
Technical Specification

|                            |   |
|----------------------------|---|
| Product Name               | 10-port Industrial PoE Switch with 8 PoE Ports  |
| Product Model              | ONV-IPS31108PFB   |
| Connector                  | Fiber Port: 2*gigabit TP/SFP combo ports<br>RJ45 Port: 8*10/100BaseT port that support PoE  |
| Switching Performance      | Bandwidth: 5.6G (Non-blocking)<br>Packet Buffer Memory: 4M<br>Forwarding Rate: 4.17Mbps<br>MAC Address Table Size: 16K<br>Switch Processing Scheme: Store-and-Forward |
| Network Medium             | 10BASE-T: Cat3/ 4/ 5 UTP (≤100m)<br>100BASE-TX: Cat5 or more UTP (≤100m)<br>1000BASE-T: UTP Cat 5 or more (≤100m)   |
| Performance Specifications | MTBF: 539608 hours  |
| Protocols and Standards    | IEEE 802.3i 10BASET<br>IEEE 802.3u 100BASETX<br>IEEE 802.3x Flow Control<br>IEEE 802.3af DTE Power via MDI<br>IEEE 802.3af/at   |
| LED Indicators             | Power: PWR; Link; PoE, L/A  |
| PoE Features               | PoE Standard:IEEE802.3af/at   |
|                            | Single PoE Port Power Output: 30W max   |
|                            | 8 PoE ports, auto detect AF/AT devices  |
|                            | PoE Port Output Voltage: DC48-57V<br>Power Pin Assignment:1,2+/3,6- (Default); 4,5+/7,8- (Option)   |
| Dimensions / Weight        | Shell: IP40 protection grade, metal shell<br>Dimension(LxWxH): 165*148*54mm<br>Weight: 0.90Kg<br>Installation Method: DIN rail installation                           |
| Working Environment        | Operating Temperature: -40℃ ~ +80℃;<br>Storage Temperature: -40℃ ~ +85℃;<br>Relative Humidity: 5 ~ 95%, non-condensing  |
| Certification              | CE mark, commercial<br>FCC Part 15 Class B<br>VCCI Class B<br>EN 55022 (CISPR 22), Class BCE Mark ,commercial<br>CE/LVD EN60950, RoHS                                 |
| Warranty                   | 5 years warranty  |

Dimension



Product Application Example



Product Ordering Information

**Product Model:** ONV-IPS31108PFB

**Product Description:** 10-port 10/100M Industrial PoE Switch, with 8\*10/100M RJ45 Ethernet ports, 2\*gigabit TP/SFP combo ports. Port 1-8 support PoE, compatible with both IEEE802.3af/at. Max PoE power for each port is up to 30W.

Packing List

|                     |  |
|---------------------|--|
| <b>Packing List</b> | 10-port 10/100M Industrial PoE Switch ( ONV-IPS31108PFB) |
|                     | User Guide   |
|                     | Warranty Card  |

**Note:** SFP module and power adapter is not included in this package. Please order it separately.

**Contact Us:**

**ONV Headquarter**

Tel: 0086-755-33376606

Fax: 0086-755-33376608

Technical Support: 0755-33376610

Website: [www.onvcom.com](http://www.onvcom.com)

Zip: 518000

Address: Room 1003, Block D, Terra Building, Futian district, Shenzhen,China

**ONV Factory**

Tel: 0086-755-33079466

Fax: 0086-755-33079477

Email: [onv@onvcom.com](mailto:onv@onvcom.com)

Website: [www.onvcom.com](http://www.onvcom.com)

Address: The 4-5th Floor, A building, SenYuTai (Science&Technology) Park, HuaNing Road, Dalang sub-district, Longhua district , Shenzhen ,China

