

PoE Switch with 16x PoE Ports 2x Gigabit Combo Ports (ONV-POE31016PFB)

PoE Switch with 16x PoE Ports and 2x Gigabit Combo Ports



- ◆ Can supply power to wireless AP and IP Camera
- ◆ 16*10/100Mbps auto-sensing RJ45 ports, 2*gigabit combo TP/SFP ports
- ◆ Total PoE power: 250W (Port 1 to Port 16)
- ◆ Maximum power per port ups to 30W
- ◆ Support Auto MDI/ MDIX
- ◆ Support anti-thunder to port(AC power port: Differential mode + / -2kv, common mode + / -4kv)
- ◆ IEEE802.3 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3z, IEEE802.3ab
- ◆ Flow control mode: full duplex adopts IEEE 802.3x standard, and half duplex adopts Back pressure standard
- ◆ Adopt store-and-forward architecture. Up to line speed at the frame length range of 64 to 1536
- ◆ Built-in 1U rack power supply series, easy to place it into standard mounting brackets
- ◆ Plug and play

Description

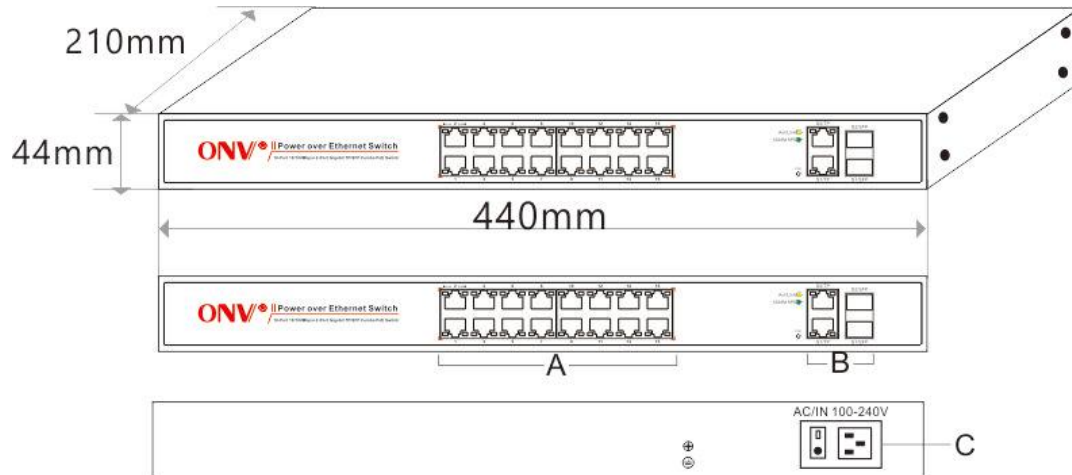
This ONV-POE31016PFB switch provides a network point for power supply and data transmission. All the 16 PoE ports can be connected with 10/100Mbps quickly, and the uplink port is 1.25Gbps fiber interface, among which 1-16 ports can provide standard IEEE 802.3af power supply. Due the advanced self-sensing algorithm supply power for IEEE802.3af terminal unit only, there is no need to worry about damaging proprietary PoE or non-PoE standard equipment. In addition, it will stop power supply when PoE devices are not connected. In short, The ONV-POE31016PFB features simple and reliable design, automatic identification PoE requirements, duplex and high-speed.

This cost-effective ONV-POE31016PFB provide network layout need to simplify wireless access point (AP) and IP-based surveillance cameras in order to install in commercial network and home network. The devices far away from power socket are very suitable for hanging on the wall or ceiling. PoE eliminates the need for connecting these devices to power socket. So it make more flexible for those difficult to connect with AC power socket, and cut down the installation cost. It is ideal choice for those want to deploy a small commercial network and home network that use wireless access point (AP) and IP-based surveillance cameras.

Technical Specification

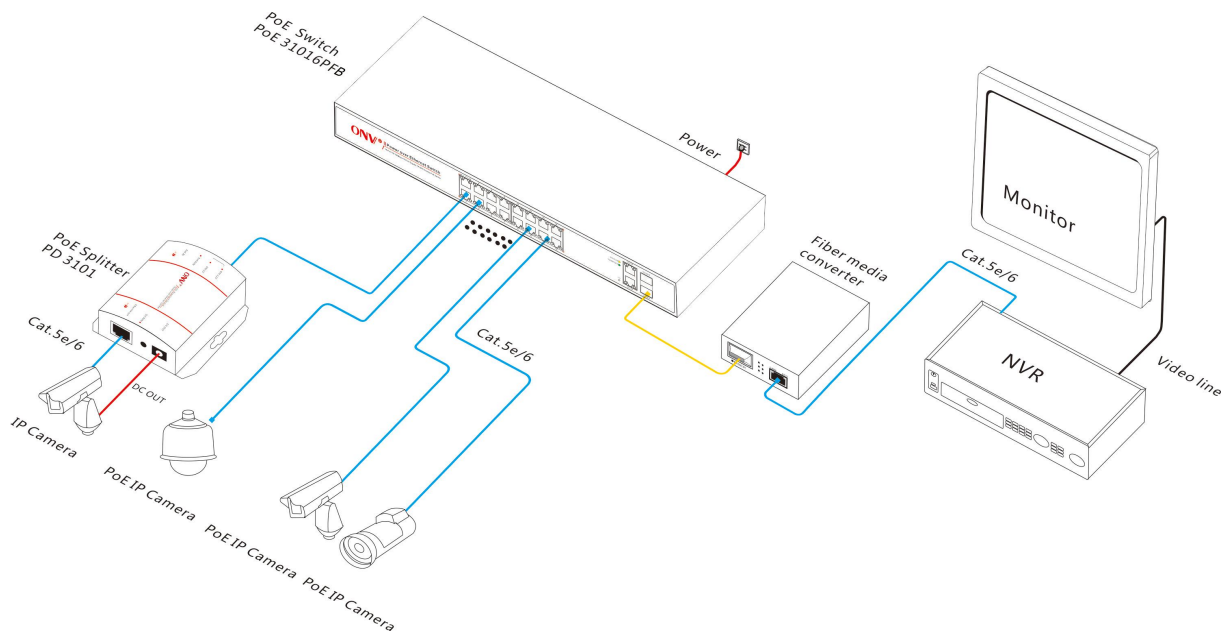
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|--|---|
| Product Name | PoE Switch with 16x Ethernet PoE Ports and 2x Gigabit Combo Ports |
| Product Model | ONV-POE31016PFB |
| Connector | 16x 10/100M copper cable RJ45 ports(all ports support MDI/MDIX) 2x gigabit combo ports |
| Transfer Mode | Store-And-Forward |
| Network Medium | 10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: 5 classes and more than 5 classes(≤100 meter) |
| | Single mode(9/125um) optical transmission, transmission distance: 25km(double optical default, single optical alternative) |
| Performance Specifications | Bandwidth: 8.8Gbps (non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Packet Buffer Memory: 2.75M Forwarding Rate: 2.68Mpps Address Database Size: 4K MTBF: 100,000 hours |
| Network Protocols and Standards | IEEE 802.3i 10BASET IEEE 802.3u 100BASETX IEEE 802.3x Flow Control IEEE 802.3af DTE Power via MDI IEEE 802.3af/at |
| LEDs Status | System: power supply Every Port: connecting, PoE working status |
| Power | Maximum PoE power:250 W Max PoE power for each port is 30W. Power input: AC100-240V 50/60Hz; (every country use a custom power plug) |
| Dimensions/Weight | Dimensions: 440 * 210 * 44mm, 2.85kg |
| Working Environment | Operating Temperature: -20 ° ~ 55 ° C Storage Temperature: -20 ° ~ 75 ° C Humidity: 10% ~ 90%, non-condensing Storage Humidity: 10% ~ 95%, non-condensing Working Altitude: 3000 m (10,000 ft) Storage Altitude: 3,000 m (10,000 ft) |
| Radiation | CE mark, commercial FCC Part 15 Class B VCCI Class B EN 55022 (CISPR 22), Class B |
| Safety | CE Mark ,commercial CE/LVD EN60950 |
| Warranty | 1 year warranty(3 years warranty for power adapter) |

Dimension



A. 16 * PoE Ports B. 2 Sets of Combo Port
C. 100-240VAC, 50/60Hz

Application



Ordering Information

Product Model: ONV-POE31016PFB

Product Description: 16x 10/100M Ethernet PoE ports + 2x gigabit combo ports PoE switch, and 1-16 ports supports IEEE802.3af/at, Max PoE power for each port is 30W, whole power is 250W

Ordering Notes: Default PoE power supply is end-span (1/2, 3/6 line pair), mid-span (4/5,7/8 line pair) for optional

Packing List

| | |
|---------------------|--|
| Packing List | PoE Switch with 16 PoE Ports and 2 Gigabit Combo Ports (ONV-POE31016PFB) |
| | Power Cable |
| | Mounting Kits |
| | User Guide |
| | Warranty Card |

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