

18-Port Gigabit PoE Switch with 16 Gigabit PoE Ports and 2 Gigabit Fiber Ports 15.4W (POE33016PF)

18-Port Gigabit PoE Switch with 16 Gigabit PoE Ports



- ◆ Supply power to 5 classes Ethernet wireless access point (AP) and network surveillance cameras (PoE)
- ◆ Port1 to Port16 compatible with IEEE 802.3af standard power Supply (Maximum power of each port is 15.4W)
- ◆ 16x 10/100 /1000Mbps automatic adjustment RJ45 PoE ports, 2x 10/100 /1000Mbps SFP fiber uplink ports
- ◆ Meets the standards of the IEEE 802.3at/ IEEE 802.3/ IEEE 802.3u/ IEEE 802.3x standard
- ◆ The packet forwarding speed of the wire-speed port is 1.488Mbps
- ◆ Network port has lightning-proof function (AC power port: differential mode +/-2kV, common mode +/-4kV)
- ◆ All ports support wire-speed switching, frame size within the range of 64 to 1536 can achieve wire-speed
- ◆ 1U Rack mounted design, easy to install and use
- ◆ Automatic adjustment, plug and play, no need software and protocol conversion
- ◆ QOS, RSETMSTP, IGMP; RADIUS and 802.1X certification

Product Description

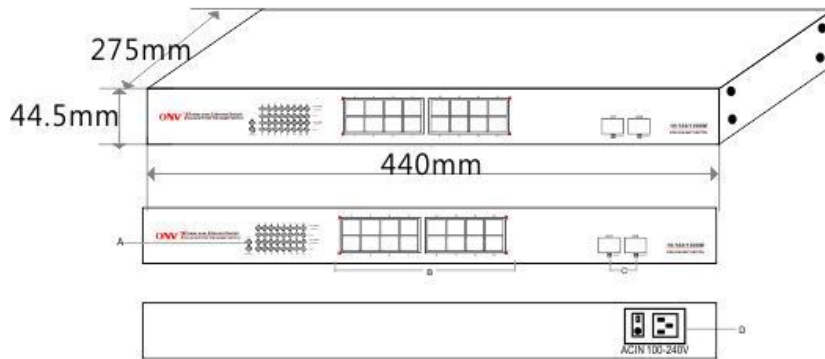
The 18-Port gigabit PoE ports provide fast connection to servers or the backplane of the gigabit speed. It features with PoE (Power Over Ethernet) function through different power levels of PoE power supply, that is it can supply the 48V DC power to the PD remote devices (e.g. IP Phone, WLAN AP, Security, Bluetooth AP etc.) via a network cable, in order that realizing the power supply for remote PD devices. As the power supply PSE (Power Sourcing Equipment) side device, which supports the standard IEEE802.3af power standard and single-port power is 15.4W.

This cost-effective PoE switch is perfectly suitable for security surveillance/ small business/ home use. It comes with excellent lightning-proof capabilities and security features. The product adopts the standard rack metal housing design and is easy to install. It is fully compliant with IEEE802.3af/ IEEE802.3 10BASE-T Ethernet/ IEEE802.3u 100BASE-TX fast Ethernet/ IEEE 802.3ab 1000BASE-T Gigabit Ethernet ANSI/IEEE802.3NWay auto-negotiation and IEEE802.3x flow control. This product comes with the PoE green power saving application mode.

Technical Specification

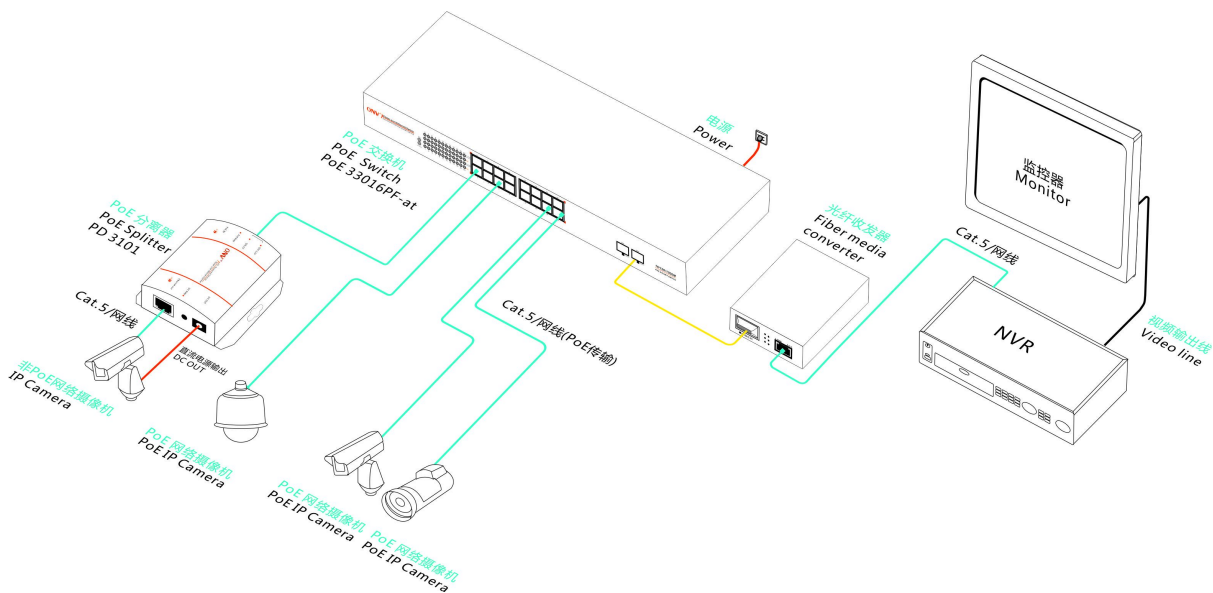
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|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name | 18-Port Gigabit PoE Switch with 16 Gigabit PoE Ports 15.4W |
| Product Model | POE33016PF |
| Connector Type | 16x 10/100/1000M copper cable RJ45 PoE ports(All ports support MDI/MDIX automatic adjustment); 2x 10/100 /1000Mbps SFP fiber uplink ports |
| Forwarding Mode | 1000M line speed forwarding; Packet Length: 10K; Packet Buffer: 4.1M |
| Network Medium | 10BASE-T: Cat3,4,5 UTP(≤100 meters) 100BASE-TX: Cat5 or more UTP(≤100 meters) 1000BASE-TX: Cat5 or more UTP(≤100 meters) |
| Performance Specifications | Backplane Bandwidth: 52Gbps Network Delay: less than 20 microsecond Packet Buffer: 96KB Address Address Database: 8K MTBF: 190,000 hours (about 21 years) |
| PoE Description | IEEE 802.3af, each port power is 15.4W; Port1 to Port16 support PoE power; The even number Port(1/3/5/7/9/11/13/15) is end-span(1/2+, 3/6- line pair) power supply, the odd number port(2/4/6/8/10/12/14/16) is mid-span(4/5+, 7/8- line pair) power supply |
| PoE Power | Port output power is 15.4W (IEEE802.3af) |
| Power Supply Type | End-span type(Mid-span optional) |
| Network Protocols | IEEE 802.3; IEEE 802.3u; IEEE 802.3x Flow Control; IEEE 802.3af |
| LED Indicator Status | Power, Network, PoE working status |
| Power | IEEE802.3af standard, each port power is 15.4W, total power is 250W |
| Voltage | Input: AC100~240V 50/ 60Hz |
| Dimension | Dimension (LxWxH): 440 x 275 x 44.5mm |
| Working Environment | Working temperature: -20°C ~ 75°C; Storage temperature: -40° ~ 85°C; Working Humidity: 10% ~ 90%, no condensation; Storage Humidity: 5% ~ 90%, no condensation; Working Altitude: 3000 meters (10,000ft); Storage Altitude: 3000 meters (10,000ft) |
| 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,RoHS |
| Warranty | 1 Year Warranty, Life-time Maintenance |

Product Size Display



- A. Working Status Light
- B. 16x Gigabit PoE Ports
- C. SFP Fiber Port
- D. AC100-240V, 50/60Hz Input Port

Product Application Display



Product Ordering Information

Product Model: POE33016PF

Product Description: 18-Port gigabit PoE switch with 16 gigabit PoE ports and 2x gigabit SFP fiber ports; port1 to port16 supports POE IEEE 802.3af international standard, each port power is 15.4W, the total power is 250W

Ordering Note: The even number port is end-span (1/2+, 3/6- line pair) power supply, the odd number port is mid-span(4/5+, 7/8- line pair) power supply

Product Packing Lists

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|----------------------|------------------------------------------------------------------------|
| Packing Lists | 18-Port Gigabit PoE Switch with 16 Gigabit PoE Ports15.4W (POE33016PF) |
| | Power Adapter Cable |
| | User Guide |
| | Warranty Card |