PoE Switch with 16 PoE Ports and 2 Gigabit Uplink RJ45 Ports (ONV-POE31016P)

PoE Switch with 16 PoE Ports and 2 Gigabit Uplink Ports

◆Can supply power to network surveillance cameras that without PoE function

◆16*10/100Mbps PoE ports and 2*10/100/1000Mbps auto-sensing Uplink RJ45 ports

◆Supports port auto-flip (Auto MDI/ MDIX)

◆Maximum PoE power: 250W

◆Maximum power per port: 30W

◆Adopts store-and-forward architecture

◆Features with fanless, natural cooling, small, compact and quiet design, suitable for desktop or wall

◆ Built-in 1U rack power supply series, easy to place it into standard mounting brackets
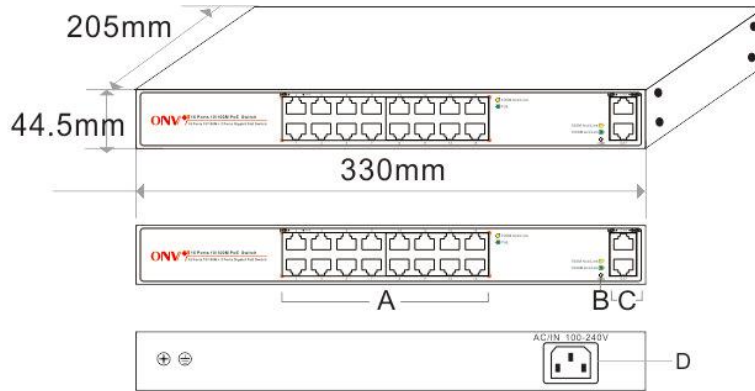
Description

This ONV-POE31016P switch provides a network point for power supply and data transmission. All the 16 PoE ports can be connected with 10/100Mps quickly, among which 1-16 ports can provide standard IEEE 802.3af power supply. Due the advanced self-sensing algorithm supply power for IEEE802.3af/at terminal unit, 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 POE31016P features simple and reliable design, automatic identification PoE requirements, duplex and high-speed.

This cost-effective ONV-POE31016P provide network layout need to simplify wireless access point (AP) and IP-based surveillance cameras network 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.
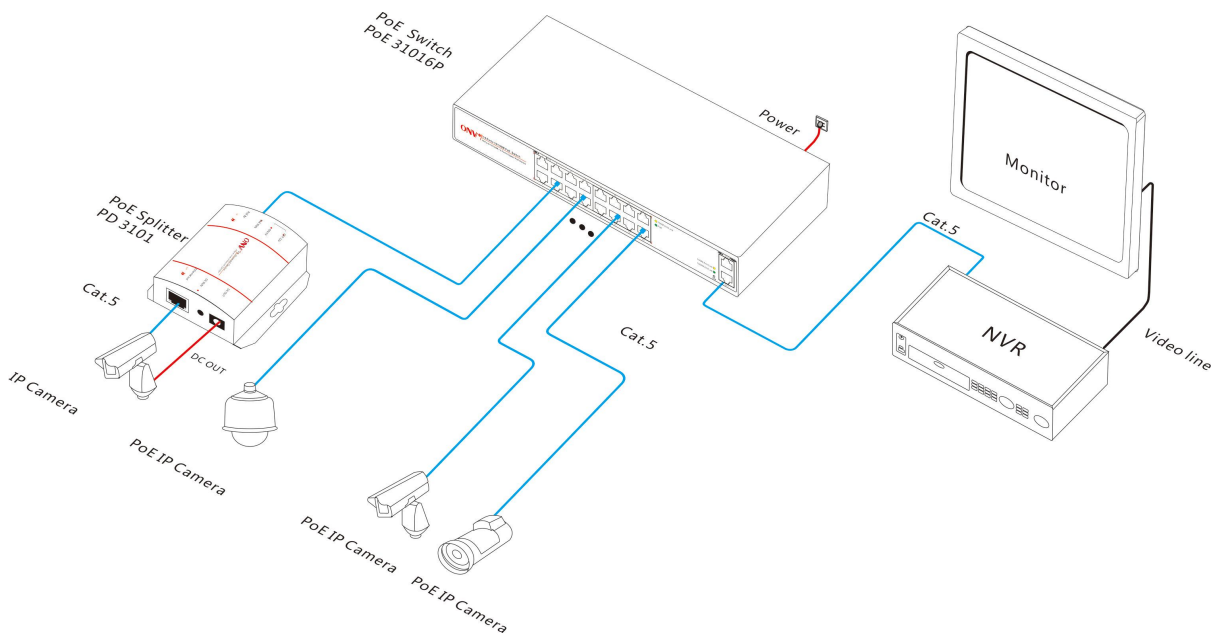
Technical Specification

Product Name	PoE Switch with 16 Ethernet PoE Ports and 2 Gigabit RJ45 Ports
Product Model	ONV-POE31016P
Connector	16*10/100Mbps PoE ports and 2*10/100/1000Mbps auto-sensing RJ45 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)
Performance Specifications	Bandwidth: 14.8Gbps (non-blocking) Network Latency (100 to 100M bps): maximum delay less than 20 microseconds Forwarding Rate: 53.57Mpps Packet Buffer Memory: 4M Address Database Size: 16K 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:250W Max PoE power for each port:30W Power input: AC100-240V 50/60Hz; (every country use a custom power plug)
Dimension/Weight	330*205*4.5 mm, 2.1kg
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: 3,000 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

205mm

44.5mm

330mm

A   B C

AC/IN 100-240V

D

A.16xPoE Ports   B.Work Indicator
C. 2x Gigabit Uplink Ports   D.Power Input Port AC100-240V,50/60Hz

Application

PoE Switch
PoE 31016P

Power

Monitor

PoE Splitter
PD 3101

Cat.5

Cat.5

Cat.5

NVR

IP Camera

DC OUT

Video line

PoE IP Camera

PoE IP Camera

PoE IP Camera

Ordering Information

Product Model: POE31016P

Product Description: 16x 10/100M ports + 2x gigabit uplink ports PoE switch, IEEE802.3af/at, Max PoE power for each port is 30W, total power is 250W.

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

Packing List

Packing List	PoE Switch with 16 PoE Ports and 2 Gigabit Uplink Ports (ONV-POE31016P)
	Power Cable
	Mounting Kits
	User Guide
	Warranty Card

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