18-Port 10/100M &10/100/1000M PoE Switch

ONV-POE31016PL

OVERVIEW

ONV-POE31016PL series is ONV independent research and development of the non network management PoE switch .16*100M RJ45 port and 2*Gigabit uplink ports. Port 1-16 support IEEE 802.3af/at standard PoE power supply, single-port PoE power up to 30W. PoE output total power is 200W, As a PoE power supply device, it can automatically detect and recognize the power-receiving devices that meet the standards and supply power through the network cables. Power supply for PoE terminal equipment such as wireless AP, web cameras, VOIP phones, and video door intercoms can be powered by network cables to meet the demand for high-density PoE power supply network environment. It is suitable for hotels, campuses, factory dormitories, and small and medium-sized enterprises to set up an economy. Efficient network.

Non-network management models, plug and play, no configuration, easy to use.

FEATURE

■ 10/100M Access , Gigabit Uplink

◇ All Series supports 100M RJ45 Port + 10/100/1000M network Port, with feature of high flexibility.

◇ Support non-blocking wire speed forwarding

◇ Support full duplex based on IEEE802.3x and half duplex based on Backpressure

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■ Intelligent POE Power Supply Function

◇ 16*10/100M Base-TX RJ45 PoE ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage and other scenarios.

◇ Comply with IEEE 802.3af/at PoE power supply standard, automatic identification of PoE equipment for power supply, no damage to non PoE equipment. The maximum PoE output power of the whole machine is 200W, and the maximum PoE output power of single port is 30W.

◇ The PoE port supports priority mechanism. When the residual power is insufficient, the power supply of high priority ports is guaranteed, so that the equipment is overloaded.

■ Sup-Creative function design

◇ Long distance gear: when opening, the 9-16 port rate is reduced to 10M. Using the existing twisted pair wire, it can break through the restriction of the transmission of the twisted pair line and reach the distance of 250 meters at the farthest distance; on the other hand, the problem of transmission failure caused by the line aging can be solved.

■ The Equipment Is Stable And Reliable,Easy To Use

◇ The host has low power consumption, no fan mute design, and metal case to ensure stable operation of the product.

◇ It uses high redundancy design to provide stable POE power output for a long time.

◇ The equipment meets the national CCC standard and is in full compliance with the safety requirements of CE, FCC, and ROHS. It is safe and reliable to use.

◇ The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link/Act), and POE operation indicator(POE).

◇ Plug and play, no configuration, simple and convenient.

◇ Support desktop and 1U-19 inch cabinet installation.

TECHNICAL SPECIFICATION

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Model	ONV-POE31016PL	ONV-POE31024PL
Inherent port	16*10/100Base-TX POE Ports (Data/Power) 2*10/100/1000Base-TX Uplink RJ45 Ports (Data)	24*10/100Base-TX POE Ports (Data/Power) 2*10/100/1000Base-TX Uplink RJ45 Ports (Data)
POE Port	Port 1-16 support IEEE802.3af/at standard POE power supply	port 1-24 support IEEE802.3af/at standard POE power supply
Functional Switch	1*（Extender）After opening, port 9-16 support 10M/250 meter long distance transmission.	1*（Extender）After opening, port 17-24 support 10M/250 meter long distance transmission.
	Note: when the switch state changes, it must be restarted before the switch function can take effect	
Network Protocol	IEEE802.3 10BASE-T； IEEE802.3i 10Base-T； IEEE802.3u 100Base-TX； IEEE802.3ab 1000Base-T； IEEE802.3x	
POE Standard	IEEE802.3af/at	
Ethernet Port Feature	10/100 BaseT(X), 10/100/1000 BaseT auto-detection, full/half-duplex MDI/MDI-X auto-sensing	
Forwarding Mode	store and forward(Full Wire Speed)	
Switching Capacity	14.8Gbps (Non-blocking)	
Forwarding Rate@64byte	5.36Mpps	6.55Mpps
MAC address entry	16K	
Buffer Memory	4M	
UTP Transceiver	10BASE-TX ： Cat5 or later UTP(≤250 meter) 100BASE-TX ： Cat5 or later UTP(≤100 meter) 1000BASE-T ： Cat5e or later UTP(≤100 meter)	
Power Pin Assignment	Default 1/2(+), 3/6(-);Optional 4/5(+), 7/8(-)	
MAX / AVERAGE Power Per Port	30W/15.4W	
Total PWR / Input Voltage	200W （AC100-240V）	250W （AC100-240V）
Power Consumption	Standby:＜15W; Full load:＜200W	Standby:＜20W; Full load:＜250W
LED	Power indicator light: PWR (green); network indicator: Link/Act (yellow); POE work indicator: POE (green)	
Power Supply	Built in AC：100～240V 50-60Hz 4.1A	Built in AC：100～240V 50-60Hz 4.1A
Operation TEMP / Humidity	-20° C～+55° C；5%～90% RH (Non condensing)	
Storage TEMP / Humidity	-40° C～+75° C；5%～95% RH (Non condensing)	

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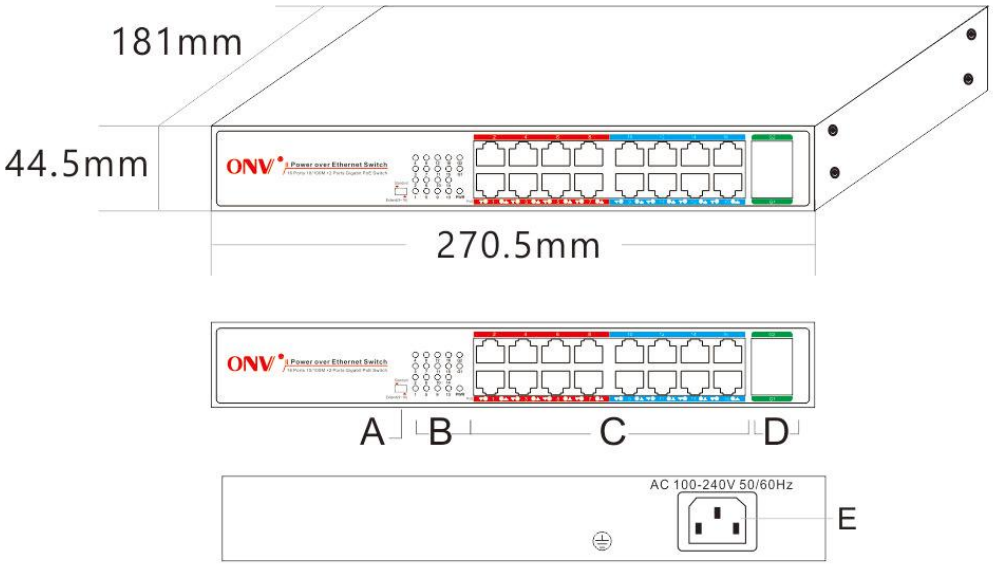
Dimension（L*W*H）	270*181*44.5mm	330*204*44mm
Net /Gross Weight	＜1.7kg / ＜2.2kg	＜2.3kg / ＜3kg
installation method	desktop type ,wall mounted type,hanging type	
Anti-surge / Protection Level	Anti-surge:4KV 8/20us; Protection Level:IP30	
Certification	3C CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;ROHS;	
Warranty	1 Year (2 Years for Power Supply), lifelong maintenance.	

DIMENSION



A. Multi-functional Switch
B. Working LED Indicator
C. 16*PoE Ports
D. 2*10/100/1000M Uplink RJ45 Ports
E. Power Input Port - AC100-240V, 50/60HZ

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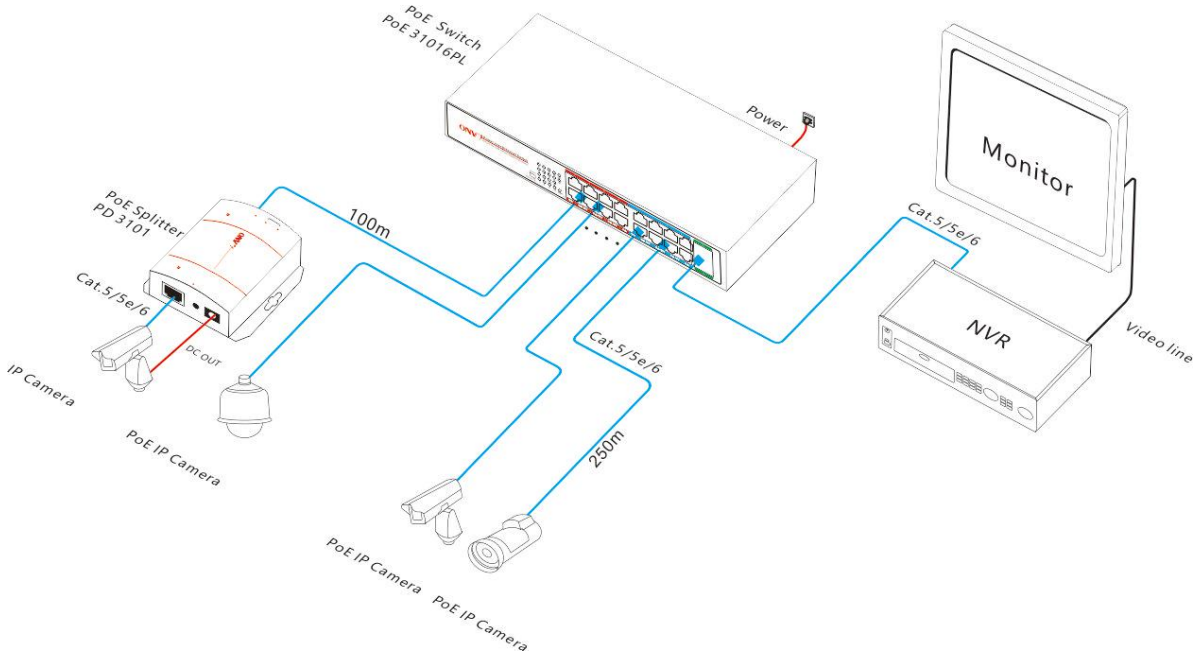
APPLICATION



PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	18-Port 10/100M &10/100/1000M PoE Switch(ONV-POE31016PL)	1	SET
	Power Cable	1	PC
	Mounting Kits	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

ORDERING INFORMATION

Model	Description
ONV-POE31016PL	16* 10/100M RJ45 port +2* 10/100/1000M uplink RJ45 port non management PoE switch, port 1-16 support IEEE 802.3af/at POE Standard, POE output total power is 200W, port 9-16 support long-distance 10M/ 250m transmission, with built-in power supply.
ONV-POE31024PL	24* 10/100M RJ45 port +2* 10/100/1000M uplink RJ45 port non management PoE switch, port 1-24 support IEEE 802.3af/at POE Standard, POE output total power is 250W, port 17-24 support long-distance 10M/ 250m transmission, with built-in power supply.

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CONTACT US

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