

OPTICAL NETWORK VIDEO TECHNOLOGIES (SHENZHEN)
CO., LTD.

Product Datasheet

6-Port Full Gigabit Industrial PoE Switch

(ONV-IPS33064P)



OVERVIEW

ONV-IPS33064P series is an industrial PoE switch independently developed by ONV. 6*10/100/1000M RJ45 ports. port 1-4 support IEEE 802.3af/at standard PoE power supply, single-port PoE power up to 30W, Maximum PoE Power 60W (at-120W) . As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to PoE terminal equipment such as wireless AP, web camera, industrial sensor through

network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for intelligent transportation, rail transit, electric power, mining, metallurgy and green energy. Industrial scenes such as construction set up a cost-effective and stable communication network.

FEATURE

■ Full Gigabit Ethernet port

- ◇ All series supports full gigabit Ethernet ports, high speed and high bandwidth connection to meet the needs of various scenarios.
- ◇ Support non-blocking wire speed forwarding
- ◇ Support full duplex based on IEEE802.3x and half duplex based on Backpressure.

■ Intelligent POE Power Supply Function

- ◇ 4*10/100/1000M Base-TX RJ45 ports support PoE power supply, 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 60W(at-120W), and the maximum PoE output power of single port is 30W.

■ The Equipment Is Stable And Reliable,Easy To Use

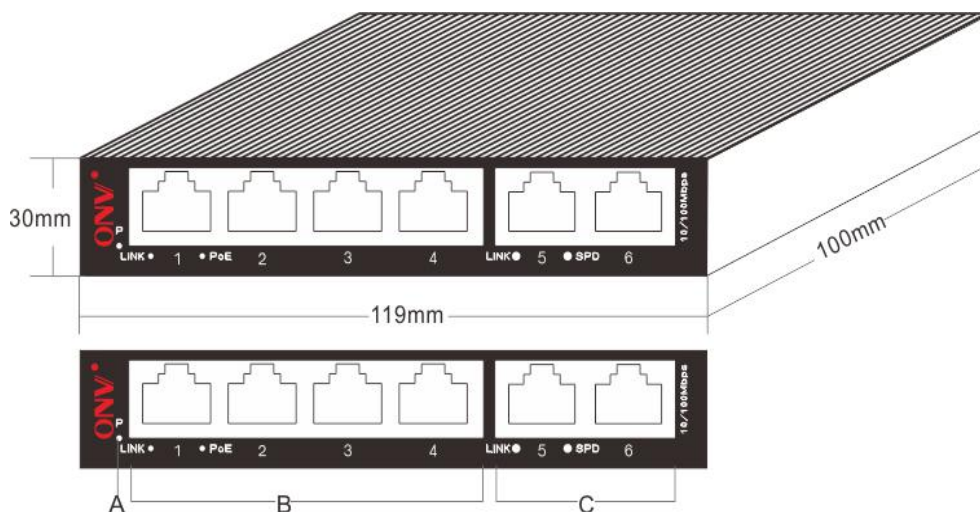
- ◇ The host has low power consumption, no fan mute design, and metal case to ensure stable operation of the product.
- ◇ The equipment meets the national CCC standard and is in full compliance with the safety requirements of CE, FCC, and ROHS. It is safe and reliable to use.
- ◇ The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link/Act), and POE operation indicator(POE).

TECHNICAL SPECIFICATION

Model	ONV-IPS33064P	ONV-IPS33064P-at
Interface	4*10/100/1000Base-T POE ports (Data/Power) 2*10/100/1000Base-T uplink Ethernet ports (Data)	
POE Port	Port 1 - 4 support PoE @ IEEE802.3af/at	
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	10/100/1000BaseTX,Auto-sensing, full/half duplex MDI/MDI-X self-adaption	
Forwarding Mode	Store and Forward (Full wire speed)	
Switching Capacity	16Gbps (Non-blocking)	
Forwarding Rate@64byte	8.93Mpps	
MAC	8K	
Buffer Memory	2M	
Twisted Pair Transmission	10BASE-T:Cat3,4,5 UTP(≤100 meter) 100BASE-TX :Cat5 or later UTP(≤100 meter) 1000BASE-T: Cat6 or later UTP(≤100 meter)	
Power Supply Pin	Default: 1/2(+), 3/6(-) 4 core power supply ,optional orderl: 4/5(+), 7/8(-)	
Power Supply	No, you can purchase industrial power supply 48V/60W or 48V/120W, see the accessory information table for purchase.	
MAX / AVERAGE Power Per Port	30W/15.4W	30W/30W
Total PWR / Input Voltage	60W/(48VDC)@ af	120W/(48VDC)@ at
Power Consumption	Standby:<3W; Full load:<60W	standby:<4W; Full load:<120W
LED	power indicator:PWR (Green) ; network indicator :Link (Yellow) ;PoE indicator:PoE (Green)	
Power Supply	The power supply is not supported by default.If you need to purchase it, please refer to the accessory product information.	
Operation TEMP / Humidity	-40~+80°C;5%~90% RH, Non-condensing	
Storage TEMP / Humidity	-40~+85°C;5%~95% RH, Non-condensing	

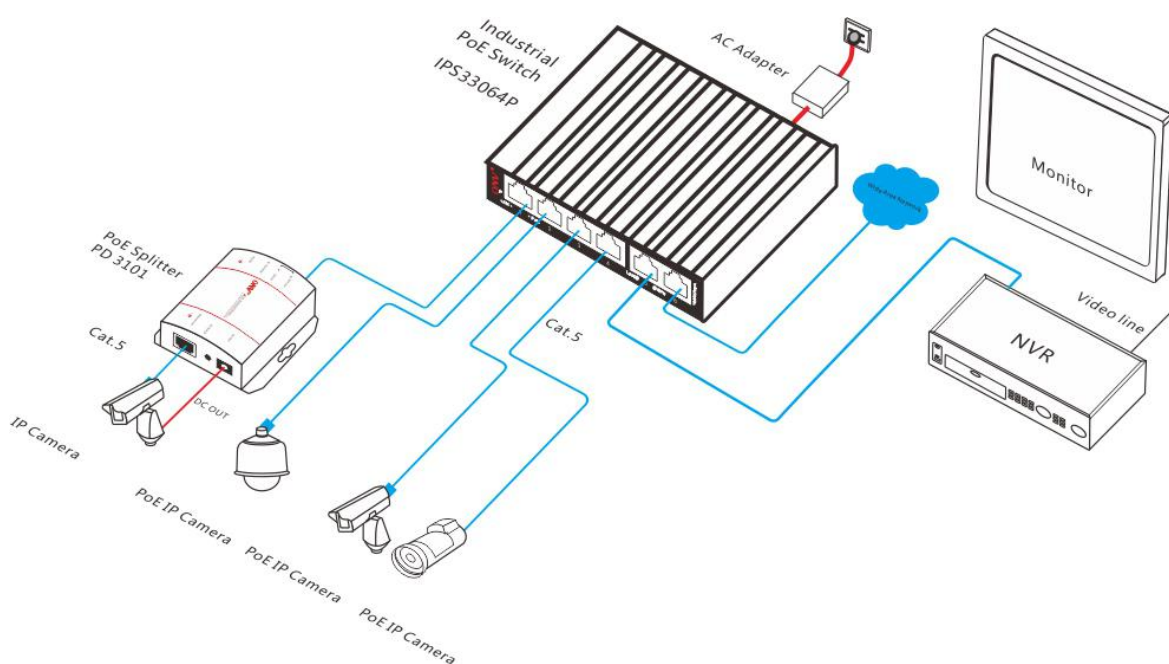
Dimension	119*100*30mm
Net /Gross Weight	<0.5kg/<0.8kg
Installation method	Desktop.35mm DIN rail installation
Lightning Protection / Protection Level	<p>Port lightning protection : 4KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD)\pm8kV Contact Discharge,\pm15kV Air Discharge IEC61000-4-3(RS)10V/m (80~1000MHz) IEC61000-4-4(EFT)Power Line: \pm4kV; Data Line: \pm2kV IEC61000-4-5(Surge)Power Line,CM\pm4kV/DM\pm2kV;Data Line,\pm4kV IEC61000-4-6 (Radio Frequency Conduction) 10V (150kHz~80MHz) IEC61000-4-8 (Power Frequency Magnetic Field) 100A/m Continued; 1000A/m,1s to 3s IEC61000-4-9 (Pulsed Magnetic Field) 1000A/m IEC61000-4-10 (Damping Oscillation) 30A/m ,1MHz IEC61000-4-12/18 (SHOCKWAVE) CM 2.5kV, DM 1kV IEC61000-4-16 (Common Mode Conduction) 30V Continued; 300V,1s FCC Part 15/CISPR22(EN55022) Class B IEC61000-6-2(General Industry standard)</p>
Mechanical Feature	<p>IEC60068-2-6(Anti-Vibration) IEC60068-2-27(Shock resistance) IEC60068-2-32(Free falling)</p>
Certification	<p>CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B; RoHS;</p>
Warranty	5 years for Industrial PoE switch , lifelong maintenance.

DIMENSION



A. Power indicator B. 4*10/100/1000M PoE ports
 C. 2*10/100/1000M uplink Ethernet ports

APPLICATION



PACKING LIST

	CONTENT	QTY	UNIT
Packing List	6-Port full gigabit Industrial PoE Switch (ONV-IPS33064P)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

Note: The product does not match the power supply by default. If you want to purchase it, please refer to the accessory product information.

ORDERING INFORMATION

Model	Description
ONV-IPS330 64P	4*10/100/1000M PoE Ports + 2*10/100/1000 uplink Ethernet Ports industrial PoE switch, Port 1-4 support IEEE 802.3af/at PoE standard, the total power of the whole machine is 60W@af/120W@at.support DIN rail mounting .

Power Supply Selection Table

Product	Model	Description	Unit
65W Desktop Power Adaptor	GWS-AP65-52	Desktop tape 65W single set of output power adapter; Input Voltage:AC 100V~240V 50-60Hz,1.1A Output Voltage:DC 52V 1.25A Operation Temperature:-20℃—+65℃	PC
110W Desktop Power Adaptor	GWS-AP110-52	Desktop tape 110W single set of output power adapter; Input Voltage:AC 100V~240V 50-60Hz,2.0A Output Voltage:DC 52V 2.0A Operation Temperature:-20℃—+65℃	PC
60W DIN Rail Industrial Power	GWS-DP60-48	Din Rail type 60W single set of output power supply;	PC

Supply		Input Voltage:AC 100V~240V 50-60Hz,1A Output Voltage:DC 48V 1.25A Operation Temperature:-40℃—+70℃	
120W DIN Rail Industrial Power Supply	GWS-DP120-48	Din Rail type 120W single set of output power supply; Input Voltage:AC 100V~240V 50-60Hz,1.5A Output Voltage:DC 48V 2.5A Operation Temperature:-40℃—+70℃	PC

CONTACT US



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