

Product Datasheet

6-port Full Gigabit Industrial PoE Switch

SUN-IPS33064P



SUN-IPS33064P è uno switch industriale PoE full Gigabit. Dispone di 6* porte RJ45 adattive 10/100/1000M. Le porte 1-4 supportano lo standard IEEE802.3af/at PoE e la potenza della singola porta PoE raggiunge i 30W. Come dispositivo di alimentazione PoE, è in grado di rilevare e identificare automaticamente i dispositivi e di alimentarli attraverso i cavi di rete. Può alimentare apparecchiature finali POE come AP wireless, telecamere IP, ecc. Soddisfa l'ambiente di rete che richiede un'alimentazione PoE ad alta densità.

■ **Gigabit wire speed forwarding**

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

■ **Intelligent PoE power supply**

- ◇ IEEE802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ 4*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

■ **Stable and reliable**

- ◇ CCC, CE, FCC, RoHS.
- ◇ Low power consumption, No fan, aluminum casing.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, L/A, PoE.

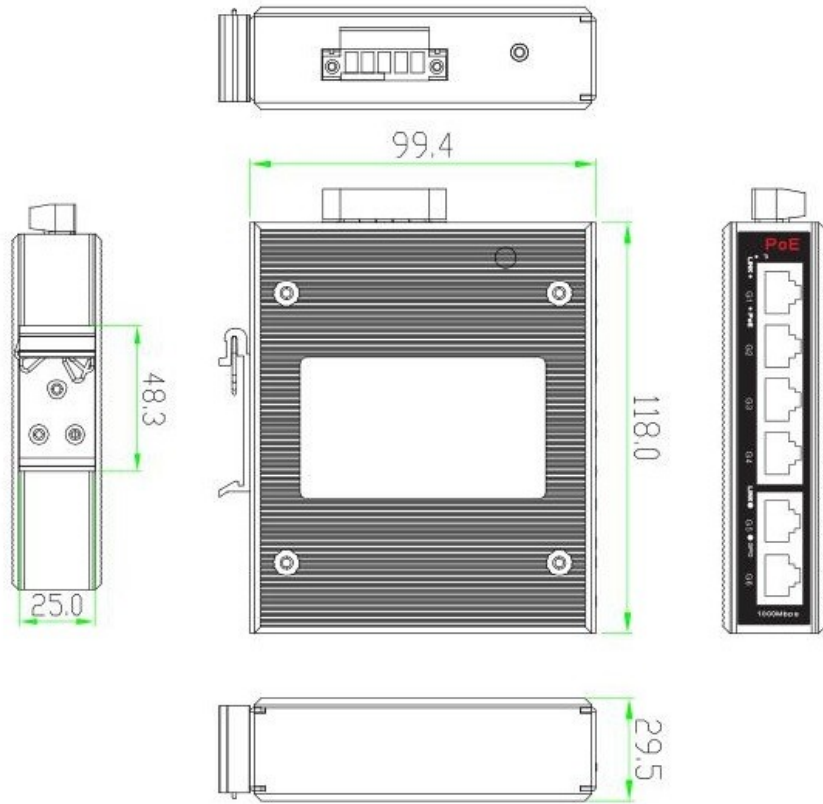
TECHNICAL SPECIFICATION

Model	SUN-IPS33064P
Interface Characteristics	
Fixed Port	4*10/100/1000Base-T PoE ports (Data/Power) 2*10/100/1000Base-T uplink RJ45 ports(Data) 2 set of V+, V- redundant DC power interface (5P Phoenix terminal)
Ethernet Port	Port 1-6 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meters)

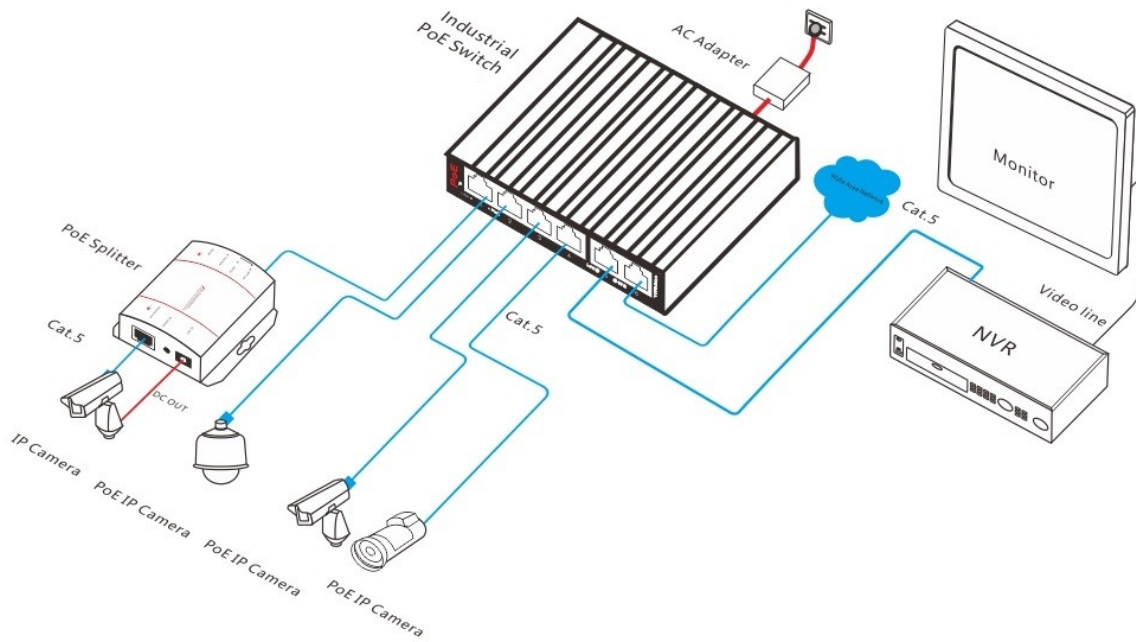
	100BASE-TX: Cat5 or later UTP(≤100 meters) 1000BASE-T: Cat5e or later UTP(≤100 meters)
Chip Parameter	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T IEEE802.3u 100Base-TX, IEEE802.3ab 1000Base-T, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	16Gbps
Forwarding Rate@64byte	8.93Mpps
MAC	8K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Network: Link(Yellow), POE: PoE (Green), Speed: SPD (Green)
PoE & Power Supply	
PoE Port	Port 1 to 4 IEEE802.3af/at
Power Supply Pin	1/2(+) 3/6 (-)
Max Power Per Port	30W, IEEE802.3af/at
Power Consumption	Standby:<5W, Full load:af<60W, at<120W
Power Supply	No, optional 48V/60W or 48V/120W industrial power supply
Working Voltage	DC48-57V, 5P industrial Phoenix terminal, support anti-reverse protection.
Physical Parameter	
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	<0.6kg / <0.8 kg
Installation	Desktop, DIN rail

Certification & Warranty	
Lightning Protection	<p>Lightning protection: 6KV 8/20us; Protection level: IP40</p> <p>IEC61000-4-2(ESD): ±8kV contact discharge,±15kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable:±4kV; data cable: ±2kV</p> <p>IEC61000-4-5(Surge): power cable:CM±4kV/DM±2kV; data cable: ±4kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p> <p>IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s</p> <p>IEC61000-4-9(pulsed magnet field): 1000A/m</p> <p>IEC61000-4-10(damped oscillation): 30A/m 1MHz</p> <p>IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV</p> <p>IEC61000-4-16(common-mode transmission) :30V; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022): Class B</p> <p>IEC61000-6-2(Common Industrial Standard)</p>
Mechanical Properties	<p>IEC60068-2-32 (free fall)</p> <p>IEC60068-2-27 (anti shock)</p> <p>IEC60068-2-6 (anti vibration)</p>
Certification	<p>CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15</p> <p>Class B, RoHS</p>

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	Recommended Power Supply
SUN-IPS33064P	Unmanaged industrial PoE switch with 6*10/100/1000M RJ45 ports. Port 1-4 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.	60W/120W

Note: Industrial PoE switch do not include power supply by default.

POWER SUPPLY

Product	Model	Description	Unit
65W Desktop Power Adapter	SUN-AP65-52	Desktop 65W single set of output power adapter Input Voltage: AC100V~240V 50-60Hz, 1.1A Output Voltage: DC52V 1.25A Operation Temperature: -20°C to +65°C	PC
110W Desktop Power Adapter	SUN-AP110-52	Desktop 110W single set of output power adapter Input Voltage: AC100V~240V 50-60Hz, 2.0A Output Voltage: DC52V 2.0A Operation Temperature: -20°C to +65°C	PC
60W DIN Rail Industrial Power Supply	SUN-DP60-48	Din Rail 60W single set of output power supply Input Voltage: AC100V~240V 50-60Hz, 1.0A Output Voltage: DC48V 1.25A Operation Temperature: -40°C to +70°C	PC
120W DIN Rail Industrial Power Supply	SUN-DP120-48	Din Rail 120W single set of output power supply Input Voltage: AC100V~240V 50-60Hz, 1.5A Output Voltage: DC48V 2.5A Operation Temperature: -40°C to +70°C	PC

RELATED PRODUCT

Model	Description
SUN-IPS33064PF	Unmanaged industrial PoE fiber switch with 4*10/100/1000M RJ45 ports and 2*1000M SFP ports. Port 1-4 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.
SUN-IPS33064PFG	Unmanaged industrial PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M SFP port. Port 1-4 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.
SUN-IPS33108P	Unmanaged industrial PoE switch with 10*10/100/1000M RJ45 ports, Port 1-8 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.
SUN-IPS33108PF	Unmanaged industrial PoE fiber switch with 8*10/100/1000M RJ45 ports and 2*1000M SFP slot port. Port 1-8 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.
SUN-IPS33128PF	Unmanaged industrial PoE fiber switch with 10*10/100/1000M RJ45 ports and 2*1000M SFP ports. Port 1-8 can support IEEE802.3af/at PoE standard. It can support dual DC power input and DIN rail mounting.

SUNELL ITALIA STARK SOLUTION

Via 3° Strada n°36 Zona Industriale 95121 Catania (CT)

info@sunellitalia.net