

Datasheet

6-port Full Gigabit Industrial Ethernet Switch

SUN-IPS33064



SUN-IPS33064 è uno switch Ethernet industriale gigabit.

Dispone di 6* porte RJ45 10/100/1000M. Ogni porta può supportare l'inoltro a velocità di linea completa.

Il livello di protezione è IP40, può supportare una doppia alimentazione ridondante, un basso consumo energetico e l'assenza di ventole.

■ **Gigabit wire speed forwarding**

- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on Backpressure.
- ◇ Supports gigabit RJ45 port and dual uplink RJ45 port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

■ **Stable and reliable**

- ◇ CCC, CE, FCC, RoHS.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link.
- ◇ Low power consumption, No fan, aluminum shell, excellent heat dissipation to ensure the stable operation of the switch.

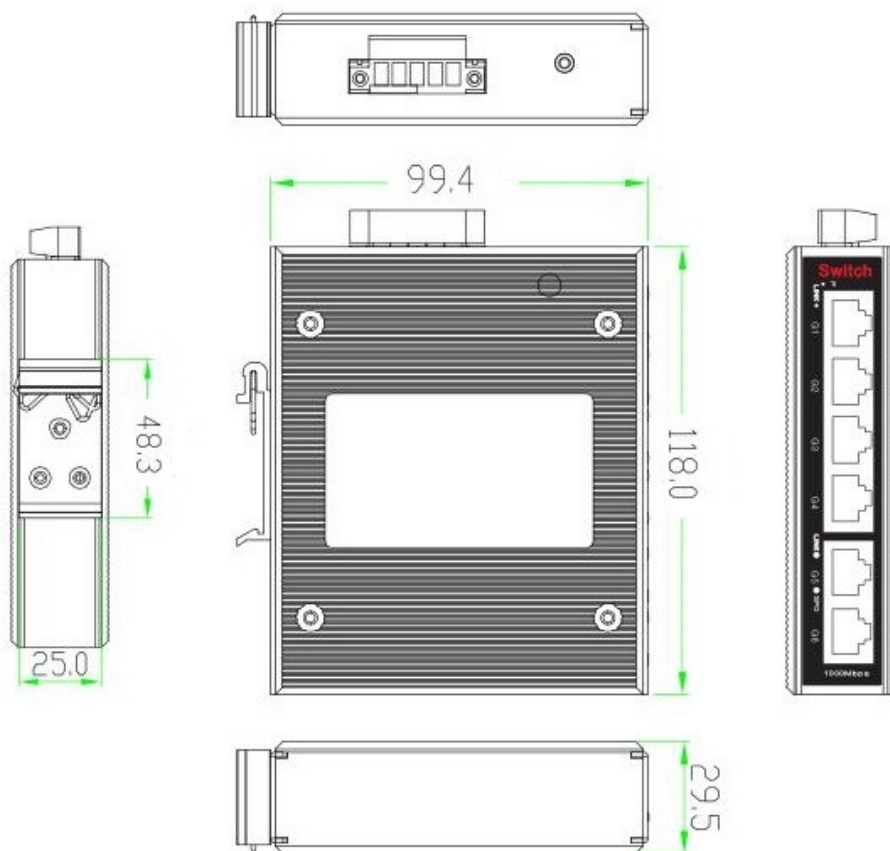
TECHNICAL SPECIFICATION

Model	SUN-IPS33064
Interface Characteristics	
Fixed Port	6*10/100/1000Base-T RJ45 ports (Data) 2 set of V+, V- redundant DC power ports (5P Phoenix terminal)
Ethernet Port	Port 1-6 support 10/100/1000Base-T(X) 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 IEEE802.3u 1000Base-T, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	16Gbps
Forwarding Rate@64byte	8.93Mpps

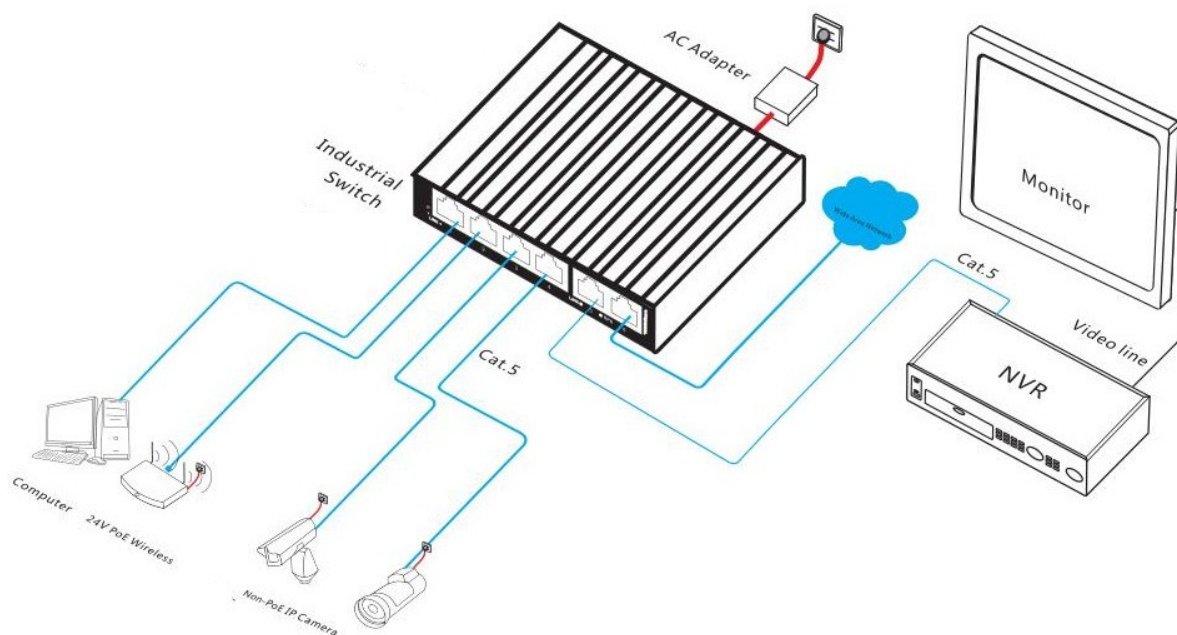
MAC	8K
Buffer Memory	2M
Jumbo Frame	9.2K
LED Indicator	Power: PWR (Green), Network: Link, Link/Act (Yellow)
Power Supply	
Working Voltage	12-48VDC, 5P industrial phoenix terminal, support anti-reverse protection
Power Consumption	Standby<4W, Full load<6W
Power Supply	No, optional 24V/24W industrial power supply
Physical Parameter	
Operation TEMP / Humidity	-40°C~+75°C, 5%~90% RH Non condensing
Storage TEMP / Humidity	-40°C~+85°C, 5%~95% RH Non condensing
Dimension (L*W*H)	119*100*30mm
Net /Gross Weight	<0.6 kg / <0.8kg
Installation	Desktop, DIN rail
Certification & Warranty	
Lightning Protection	Protection level: IP40 Lightning protection: 6KV 8/20us IEC61000-4-3 (RS):10V/m (80~1000MHz) FCC Part 15/ CISPR22 (EN55022): Class B IEC61000-6-2 (Common Industrial Standard) IEC61000-4-9 (Pulsed magnet field):1000A/m IEC61000-4-10 (Damped oscillation): 30A/m, 1MHz IEC61000-4-12/18 (Shockwave): CM 2.5kV, DM 1kV IEC61000-4-4 (EFT): Power cable:±4kV, Data cable: ±2kV IEC61000-4-16 (Common-mode transmission): 30V, 300V, 1s IEC61000-4-2 (ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-6 (Radio frequency transmission): 10V(150kHz~80MHz)

	IEC61000-4-8 (Power frequency magnetic field):100A/m, 1000A/m, 1s to 3s IEC61000-4-5 (Surge): Power cable: CM±4kV/ DM±2kV, Data cable: ±4kV
Mechanical Properties	IEC60068-2-6 (Anti vibration) IEC60068-2-32 (Free fall), IEC60068-2-27 (Anti shock)
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS

DIMENSION



APPLICATION



ORDERING INFORMATION

Model	Description	Recommended Power Supply
SUN-IPS33064	Unmanaged industrial Ethernet switch with 6*10/100/1000M RJ45 ports. It can support dual DC redundant power input and DIN rail mounting.	24V/24W

Note: The power supply is not included by default and needs to be purchased separately.

POWER SUPPLY

Product	Model	Description	Unit
24W DIN Rail Industrial Power	SUN-DP24-24	DIN Rail 24W single set of output power supply Input Voltage: AC100V~240V 50-60H, 0.35A	PC

Supply	Output Voltage: DC24V 1.0A Operation Temperature: -40°C to +70°C
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RELATED PRODUCT

Model	Description
SUN-IPS33032F	Unmanaged industrial Ethernet fiber switch with 2*10/100/1000M RJ45 ports and 1*1000M SFP port. It can support dual DC redundant power input and DIN rail mounting.
SUN-IPS33042F	Unmanaged industrial Ethernet fiber switch with 2*10/100/1000M RJ45 ports and 2*1000M SFP ports. It can support dual DC redundant power input and DIN rail mounting.
SUN-IPS33064F	Unmanaged industrial Ethernet fiber switch with 4*10/100/1000M RJ45 ports and 2*1000M SFP ports. It can support dual DC redundant power input and DIN rail mounting.
SUN-IPS33108	Unmanaged industrial Ethernet switch with 10*10/100/1000M RJ45 ports. It can support dual DC redundant power input and DIN rail mounting.
SUN-IPS33108F	Unmanaged industrial Ethernet fiber switch with 8*10/100/1000M RJ45 ports and 2*1000M SFP ports. It can support dual DC redundant power input and DIN rail mounting.
SUN-IPS33128F	Unmanaged industrial Ethernet fiber switch with 10*10/100/1000M RJ45 ports and 2*1000M SFP ports. It can support dual DC redundant power input and DIN rail mounting.

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