



## INDUSTRIAL 6 PORT 10/100M POE SWITCH 4 \*POE PORTS, IEEE 802.3af/AT COMPATIBLE, +2 \* RJ45 STANDARD PORTS;

# S70402CB

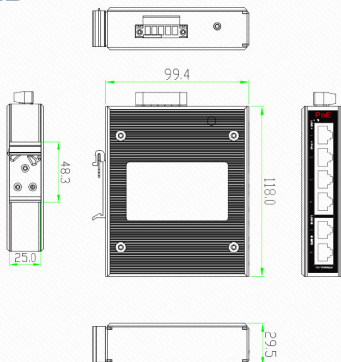


The S70402CB is a 10/100M industrial PoE switch. It has 6\*10/100M RJ45 ports, Port 1-4 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W, the maximum PoE output power is 60W. As a PoE power supply device, it can automatically detect and recognize the power receiving equipment 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, VoIP phone, 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. It is unmanaged, plug and play, no configuration, easy to use.

### FEATURES

- Supports "10/100M PoE port and dual RJ45 port" combination, which enables users to flexibly build networking to meet the needs of various scenarios;
- Supports non-blocking wire speed forwarding;
- Supports full duplex based on IEEE802.3x and half duplex based on backpressure;
- 4\*10/100Base-TX RJ45 ports support PoE power supply to meet the needs of PoE power supply in various scenarios in the industrial field;
- IEEE 802.3af/at PoE standard, without damaging non-PoE devices;
- 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;
- Low power consumption, No fan, aluminum shell;
- CE, FCC, RoHS;
- It can show the device status through the LED indicator of PWR, Link, PoE;

### DIMENSIONS



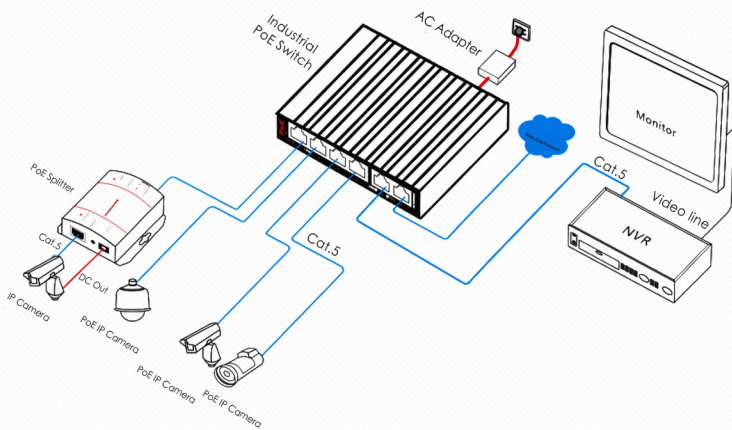
### SPECIFICATIONS

MODEL	S70402CB
INTERFACE CHARACTERISTICS	
Fixed Port	4*10/100Base-TX PoE ports (Data/Power) 2*10/100Base-TX RJ45 ports (Data) 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-T: Cat5e or later UTP(≤100 meter)
Ethernet Port	10/100Base-TX, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
CHIP PARAMETER	
Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u 100Base-FX, IEEE802.3x
Forwarding Mode	Store and Forward(Full Wire Speed)
Switching Capacity	1.6Gbps
Forwarding Rate@64byte	0.89Mpps
MAC	1K
Buffer Memory	768k
Jumbo Frame	1536bytes
LED Indicator	Power: PWR (Green), Network: Link (Yellow), PoE: PoE (Green)
POE & POWER	
PoE Port	Port 1-4
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)
Max Power Per Port	30W; IEEE802.3af/at
Total PWR/Input Voltage	120W(max)(depends on external power supply)/48V
Power Consumption	Standby<3W, Full Load<120W(max) (depends on external power supply)
Working Voltage	48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
Power Supply	requires external power supply 48V/60W or 48V/120W
PHYSICAL PARAMETER	
Operation Temperature/Humidity	-40~+75°C; 5%~90% RH Non condensing
Storage Temperature/Humidity	-40~+85°C; 5%~95% RH Non condensing
Dimensions (L*W*H)	119mm*100mm*30mm
Net/Gross Weight	<0.5kg/<0.7kg
Installation	Desktop, DIN Rail

Disclaimer: Design & specifications are subject to change without prior notice.



## APPLICATION



## SPECIFICATIONS

### CERTIFICATION

Lightning Protection/ Protection Level	Lightning Protection: 6KV 8/20us; Protection Level: IP40 IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-3(RS): 10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable:±4kV; data cable: ±2kV IEC61000-4-5(Surge): power cable: CM±4kV/DM±2kV; data cable:±4kV
	IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field):100A/m; 1000A/m,1s to 3s IEC61000-4-9(pulsed magnet field): 1000A/m IEC61000-4-10(damped oscillation): 30A/m 1MHz IEC61000-4-12/18(shockwave): CM 2.5kV, DM 1kV IEC61000-4-16(common-mode transmission): 30V; 300V, 1s FCC Part 15/CISPR22(EN55022); Class A IEC61000-6-2(Common Industrial Standard)
Mechanical Properties	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock) IEC60068-2-32 (free fall)
Certification	CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS;

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## POWER SUPPLY SELECTION TABLE

PRODUCT	MODEL	DESCRIPTION	UNIT
65W Desktop Power Adaptor	SPSO5265	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°C~+65°C	PC
110W Desktop Power Adaptor	SPSO52110	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°C~+65°C	PC
60W DIN Rail Industrial Power Supply	DPSO4860	Din Rail type 60W single set of output power supply; Input Voltage: AC 100V~240V 50-60Hz,1A Output Voltage: DC 48V 1.25A Operation Temperature: -40°C~+70°C	PC
120W DIN Rail Industrial Power Supply	DPSO48120	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°C~+70°C	PC