

162941 MC SW6POE

5 Ports 10/100M Industrial PoE Switch



The MC SW6POE is a PoE unmanaged switch. PoE is supported on all 4 ports.

It has 4*10/100M PoE ports and 1*100Base-T uplink RJ45 port, Port 1-4 can support IEEE 802.3af/at PoE standard, single port PoE power up to 30W. 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. Unmanaged model, plug and play, no configuration, easy to use.

- Fixed Port: 4*10/100Base-T PoE ports (Data/Power)
1*100Base-T uplink RJ45 port (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
- 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 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: 60W/48VDC
- Power Consumption: Standby:<3W; Full load:<60W
- Working Voltage: 48-57VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
- Power Supply: No, optional 48V/60W or 48V/120W industrial power supply
- Operation TEMP/Humidity: -40 to +75°C; 5% to 90% RH Non condensing
- Storage TEMP/Humidity: -40 to +85°C; 5% to 95% RH Non condensing
- Dimension (L*W*H): 119*100*30mm
- Net/Gross Weight: <0.5kg / <0.7kg
- Installation: Desktop, DIN rail
- Certification: CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS

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- 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)

Application

