

WS1008E-8E-S

8-port 10/100BASE-TX Industrial Ethernet Switch



Slim Type with more Practicability and Convenience

WS1008E-8E-S is a hardened 8-port Industrial Ethernet Switch, providing non-blocking wire-speed performance in harsh industrial environments. It also provides 8-port 10/100/100BASE-TX RJ45 copper interfaces delivered in an IP30 rugged, strong case with a redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with a wide temperature range from -40 to 75°C.

The WS1008E-8E-S series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 ports and performs highly stable fiber performance.

The WS1008E-8E-S series is packaged in a compact IP40 case with Din Rail Installation. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 12V DC to 52V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function

Industrial conformance

- 12V to 52V DC, redundant power input
- -40°C to 75°C operating temperature
- IP40 steel alloy
- DIN-rail hardware design

Specifications:

Model No.	WS1008E-8E-S
10/100BASE-TX Port	8 port RJ-45 auto-MDI / MDI-X
Performance Specification	Bandwidth: 1.6Gbps Packet Buffer Memory:1Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
Installation	DIN rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	Steel alloy
LED Indicator	Power: Red Ethernet: Yellow POE: Green
Power Input	12 to 52V DC redundant power
Power Consumption	3 watts max
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤100meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A IEC61000-4-2 (ESD): ±6kV (contact), ±8kV (air) IEC61000-4-3 (RS): 10V/m (80~1000MHz) IEC61000-4-4 (EFT): Power Port: ±2kV; Data Port: ±1kV IEC61000-4-5 (Surge): Power Port: ±1kV/DM, ±2kV/CM; Data Port: ±1kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

Certification	CE FCC Rohs compliance
Dimensions (W x D x H)	142.5x 103.5x 47.5mm
Weight	Product Weight: 0.52KG Packing Weight: 0.62KG
Working Environment	Working temperature: -40-75°C Storage temperature: -40-75°C Relative Humidity: 5%~95 % (no condensation)

Ordering Information

WS1008E-8E-S	8-Port RJ45 Industrial Switch,100Mbps
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-Industrial IoT product and digital solution provider-

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