

# WS1005E-5E-S

## 5-port 10/100BASE-TX Industrial Ethernet Switch



WS1005E-5E-S is a hardened 5-port Industrial Ethernet Switch, providing non-blocking wire-speed performance in harsh industrial environments. It also provides 5-port 10/100/100BASE-TX RJ45 copper interfaces delivered in an IP40 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°C to 75°C.

The WS1005E-5E-S series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 ports and performs highly stable fiber performance.

The WS1005E-5E-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

- 5-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
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

**Specifications:**

Model No.	<b>WS1005E-5E-S</b>
10/100BASE-TX Port	5 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
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)	117.7 x 88.7 x 34mm mm
Weight	Product Weight: 0.36KG Packing Weight: 0.46KG
Working Environment	Working temperature: -40 – 75℃ Storage temperature: -40 – 75℃ Relative Humidity: 5%~95 % ( no condensation)

## Ordering Information

<b>WS1005E-5E-S</b>	4-Port RJ45 +1Port RJ-45 uplink Industrial Switch,100Mbps
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