

WS1016E-16EP-A

16-port 10/100BASE-TX Industrial PoE Switch



The WS1016E-16EP-A Industrial PoE switch, 16 Port 10/100Mbps PoE ports, for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other PoE supported devices. Specially designed for harsh outdoor applications. It can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power.

The WS1016E-16EP-A 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 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

Interface

- 16-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function
- 16-Port PoE, 802.3at/af support, 30W max. each port

Industrial conformance

- 48V to 57V DC, redundant power input
- -40°C to 75°C operating temperature
- IP40 aluminum housing
- DIN-rail hardware design

Specifications:

Model No.	WS1016E-16EP-A
10/100BASE-TX Port	16 port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports:1-8 port support PoE
	Power Output:
	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage: DC48V
	Power Pin Assignment:1/2+;3/6-
Performance Specification	Power Type: End-span(Mid-span optional)
	Bandwidth: 1.6Gbps
	Packet Buffer Memory:1Mbit
	Packet Forwarding Rate:1.2Mpps
Installation	DIN rail
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	aluminum housing
LED Indicator	Power: Red
	Ethernet: Yellow
	POE: Green
Power Input	48 to 57V DC
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(≤ 100 meter)
Industry Standard	<p>FCC CFR47 Part 15, EN55022/CISPR22, Class A</p> <p>IEC61000-4-2 (ESD): ± 6kV (contact), ± 8kV (air)</p> <p>IEC61000-4-3 (RS): 10V/m (80~1000MHz)</p> <p>IEC61000-4-4 (EFT): Power Port: ± 2kV; Data Port: ± 1kV</p> <p>IEC61000-4-5 (Surge): Power Port: ± 1kV/DM, ± 2kV/CM; Data Port: ± 1kV</p> <p>IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)</p> <p>IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)</p>
Certification	CE FCC Rohs compliance
Dimensions (W x D x H)	142.5x 103.5x 47.5mm
Weight	<p>Product Weight: 1.25KG</p> <p>Packing Weight: 1.4KG</p>
Working Environment	<p>Working temperature: $-40 \sim 75^{\circ}\text{C}$;</p> <p>Storage temperature: $-40 \sim 75^{\circ}\text{C}$</p> <p>Relative Humidity: 5%~95 % (no condensation)</p>

Ordering Information

WS1016E-16EP-A	16-Port RJ45 Industrial PoE Switch, 100Mbps, IP40 aluminum housing
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-Industrial IoT product and digital solution provider-

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