WS1006E-2G4T-S

4-port 10/100/1000BASE-TX+2-port 1000Base-FX Industrial Ethernet Switch

WS1006E-2G4T-S an hardened 6-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 4-port 10/100/1000BASE-TX RJ45 +2-port 1000Base-Fx delivered in an IP40 rugged, strong case with 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 wide temperature range from -40℃ to 75℃.

The WS1006E-2G4T-S series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The WS1006E-2G4T-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

- 4-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3AT/AF
- 2-port 1000Base-Fx interface SC/FC/ST/SFP
- Multi-Mode up to 2km
- Single-Mode up to 20km/40km/60km/80km

Industrial conformance

- 48V to 57V DC, redundant power input
- -40℃ to 75℃ operating temperature
- IP40 steel alloy
- DIN-rail design

Specifications:

Model No.	WS1006E-2G4T-SC2-S / WS1006E-2G4T-SC20-S / WS1006E-2G4T-S
10/100/1000Base-TX Port	4 port RJ-45 auto-MDI / MDI-X
1000Base-FX Port	WS1006E-2G4T-SC2-S: 2 SC interface WS1006E-2G4T-SC20-S: 2 SC Interface WS1006E-2G4T-S: 2 SFP Slot
Fiber Port Type	WS1006E-2G4T-SC2-S: SC / multi-mode ,up to distance 2km ; WS1006E-2G4T-SC20-S: SC / single-mode ,up to distance 20km ; WS1006E-2G4T-S: Vary on module
Optical Frequency	WS1006E-2G4T-SC2-S: 1310nm WS1006E-2G4T-SC20-S: 1310nm WS1006E-2G4T-S: Vary on module
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 8K
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 Fiber: Link 2(Green) Ethernet: Yellow
Power Input	12 to 52V DC redundant power
Power Consumption	< 10 watts
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X;

	IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter)
	100BASE-TX: Cat5 or later UTP(≤100meter)
	1000BASE-TX: Cat6 or later UTP(≤100 meter)
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)	143.7 x 103 x 44.2 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

WS1006E-2G4T-S	4-Port RJ45+2Port SFP (Interface optional)， Industrial Switch, 1000Mbps
WS1006E-2G4T-SC2-S	4-Port RJ45+2Port SC (Interface optional)， multi-mode ,up to distance 2km， Industrial Switch, 1000Mbps
WS1006E-2G4T-ST2-S	4-Port RJ45+2Port ST (Interface optional)， multi-mode ,up to distance 2km， Industrial Switch, 1000Mbps
WS1006E-2G4T-FC2-S	4-Port RJ45+2Port FC (Interface optional) ， multi-mode ,up to distance 2km，Industrial Switch, 1000Mbps
WS1006E-2G4T-SC20-S	4-Port RJ45+2Port SC (Interface optional)，single-mode ,up to distance 20km， Industrial Switch, 1000Mbps
WS1006E-2G4T-ST20-S	4-Port RJ45+2Port ST (Interface optional)，single-mode ,up to distance 20km， Industrial Switch, 1000Mbps
WS1006E-2G4T-FC20-S	4-Port RJ45+2Port FC (Interface optional) ，single-mode ,up to distance 20km，Industrial Switch, 1000Mbps

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-Industrial IoT product and digital solution provider-

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