

5 Ports 100M Industrial Ethernet Switch

4*FE +1*FE Industrial Ethernet Switch

EWIND



- 4*10/100M RJ45 ports+ 1*100M RJ45 port Industrial Switch
- Operation TEMP:-40~85°;
- Input voltage: DC12-57V, Redundant dual power 5-bit industrial terminals;
- Switching capacity: 1.6Gbps, MAC table:1K;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty.

RoHS **FC** **CE**

Introduction

The EW-IS1705E is a 10/100M industrial Ethernet switch. It has 4*10/100M RJ45 port and 1*100M RJ45 port, 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.

TECHNICAL SPECIFICATION

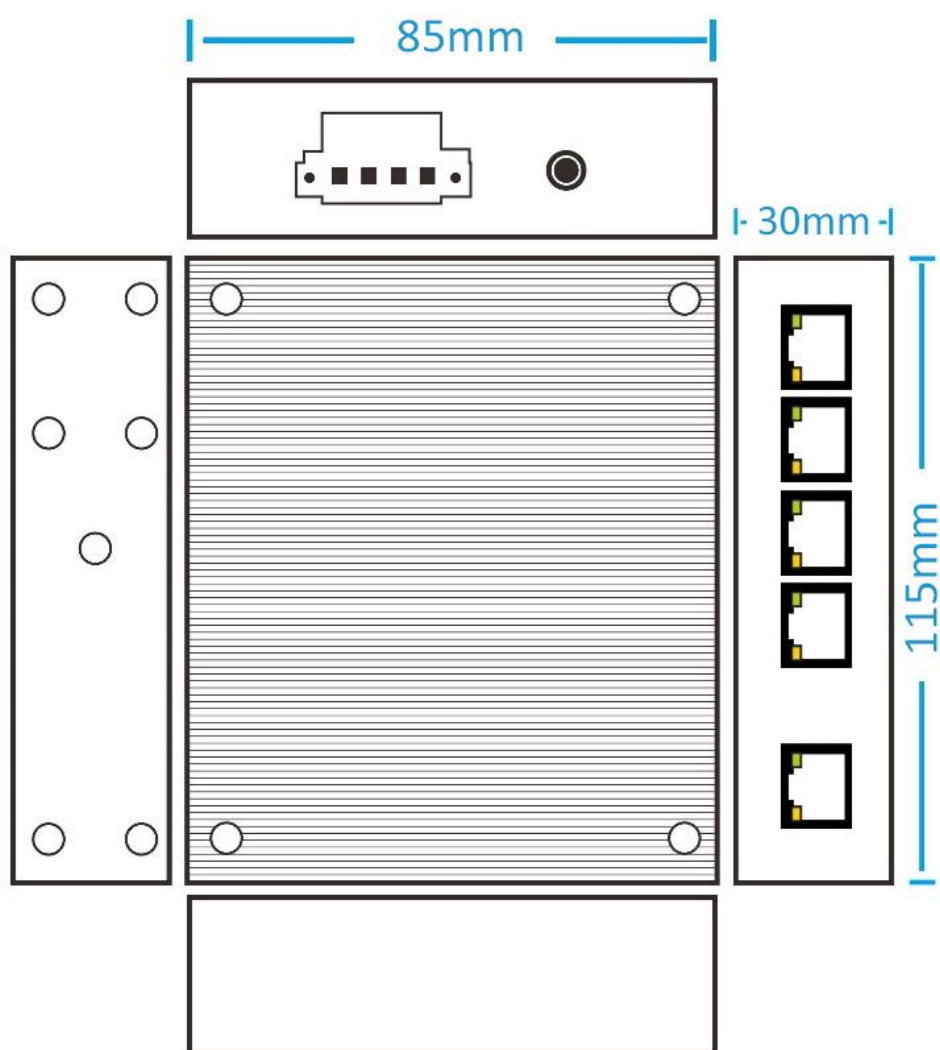
Model	EW-IS1705E
Interface	4*10/100Base-T ports (Data) 1*100Base-T Uplink RJ45 port (Data) 2 set of V+, V- redundant DC power interface (5Pin Phoenix terminal)
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3x
Ethernet Port Feature	Port 1-4 support 10/100Base-T,auto-sensing,Full/half duplex MDI/MDI-X self-adaption

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Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	1.6Gbps
Forwarding Rate@64byte	0.744Mpps
MAC	1K
Buffer Memory	1M
Jumbo Frames	10K
MTBF	100000 hours
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤ 100 meter) 100BASE-TX: Cat5 or later UTP (≤ 100 meter)
Working Voltage	12-57VDC; 5P industrial phoenix terminal, anti-reverse protection.
Power Consumption	Standby:<1W; Full load:<3W
LED Indicator	Power: PWR (green), Network: Link, Link/Act (green);
Operation TEMP / Humidity	-40~+80°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+125°C;5%~95% RH Non condensing
Dimension (L*W*H)	115*85*30mm
Net /Gross Weight	<0.7kg/<1.0kg
Installation	Desktop, 35mm DIN rail
Lightning protection / protection level	<p>Lightning protection: 6KV 8/20us; Protection level: IP40</p> <p>IEC61000-4-2(ESD): ± 8kV contact discharge, ± 15kV air discharge</p> <p>IEC61000-4-3(RS):10V/m(80~1000MHz)</p> <p>IEC61000-4-4(EFT): power cable: ± 4kV; data cable: ± 2kV</p> <p>IEC61000-4-5(Surge): power cable:CM± 4kV/DM± 2kV; data cable: ± 4kV</p> <p>IEC61000-4-6(radio frequency transmission):10V(150kHz~80MHz)</p> <p>IEC61000-4-8(power frequency magnetic field):100A/m;1000A/m ,1s to 3s</p> <p>IEC61000-4-9(pulsed magnet field):1000A/m</p> <p>IEC61000-4-10(damped oscillation):30A/m 1MHz</p> <p>IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV</p> <p>IEC61000-4-16(common-mode transmission):30V; 300V,1s</p> <p>FCC Part 15/CISPR22(EN55022): Class A</p> <p>IEC61000-6-2(Common Industrial Standard)</p>

Mechanical Properties	IEC60068-2-6 (anti vibration), IEC60068-2-27 (anti shock), IEC60068-2-32 (free fall)
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	5 years, lifelong maintenance.

DIMENSION



APPLICATION



PACKING LIST

CONTENT	QTY	UNIT
5 Ports 100M Industrial Ethernet Switch (EW-IS1705E)	1	SET
User Guide	1	PC
Warranty Card	1	PC