

# 3 Ports 10/100M Industrial Ethernet Switch

## 2\*FE +1\*SC Industrial Ethernet Switch



- 2\*10/100M RJ45 port+ 1\*155M SC slot port Industrial ethernet switch;
- Multi-mode dual fiber:2km, wavelength:850/1310nm;
- Single-mode dual fiber:25km, wavelength:1310nm;
- Single-mode Single-fiber:25km;wavelength:1310/1550nm;
- Input voltage:DC12-48V, Redundant dual power 6-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty.

**RoHS** **FC** **CE**

### Introduction

The EW-IS1703 is a 10/100M industrial Ethernet switch. It has 2\*10/100M RJ45 port and 1\*155M SC slot 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.

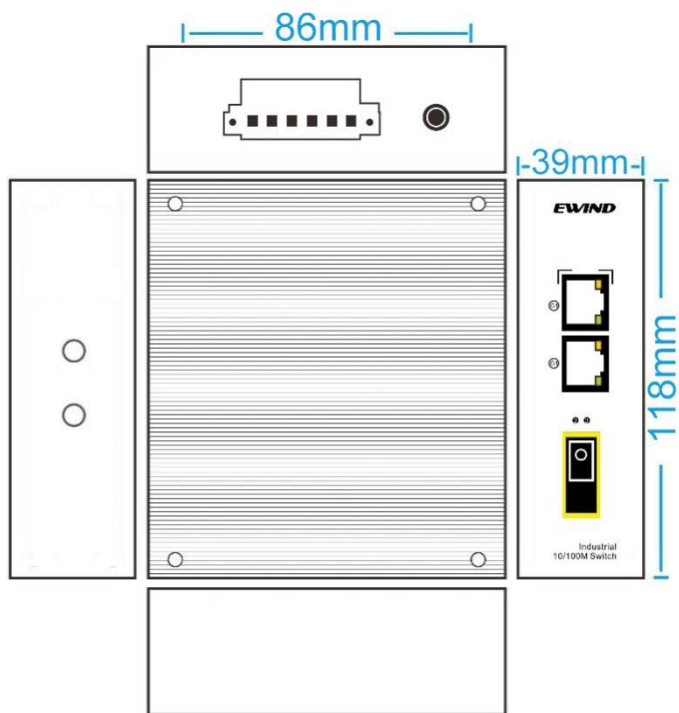
### TECHNICAL SPECIFICATION

Model	EW-IS1703
Fixed Port	2*10/100Base-TX RJ45 port (Data) 1*155M uplink SC port (Data) 2 set of V+, V- redundant DC power interface (6 Pin Phoenix terminal)
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-T: Cat5e or later UTP (≤100 meter)
Ethernet Port	10/100Base-TX, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
Fiber Port	The default optical module is single-mode dual-fiber 20km, SC interface.
Optical Cable/ Distance	Multi-mode: 850nm 0~500M; 1310nm 0~2kM; single mode: 1310nm 0~40KM,1550nm 0-120KM.

Network Protocol	IEEE802.3 10BASE-T, IEEE802.3i 10Base-T, IEEE802.3u 100Base-TX, IEEE802.3u 100Base-FX, IEEE802.3x
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	1.6Gbps
Forwarding Rate@64byte	0.30Mpps
MAC	1K
Buffer Memory	768K
Jumbo Frame	1536bytes
LED Indicator	Power: PWR (green), Network: Link (yellow), Fiber port: L/A (green)
Total PWR / Input Voltage	36W /48VDC
Power Consumption	Standby:<4W; Full load:<36W
Working Voltage	12-48VDC; 6 Pin industrial Phoenix terminal, support anti-reverse protection.
Power Supply	No, optional 48V/24W or 48V/36W industrial power supply
Operation TEMP / Humidity	-40~+75°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension (L*W*H)	118*86*39mm
Net /Gross Weight	<0.2 kg / <0.5 kg
Installation	Desktop, 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	<p>IEC60068-2-6 (anti vibration)</p> <p>IEC60068-2-27 (anti shock)</p> <p>IEC60068-2-32 (free fall)</p>
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	5 years, lifelong maintenance.

DIMENSION



APPLICATION



## ORDER INFORMATION

Model	Description
EW-IS1703-2FE	Unmanaged industrial ethernet fiber switch with 2*10/100M port and 1*155M SC port . By default, the SC port 1310nm/20km single-mode dual-fiber module. It can support dual DC redundant power input (Phoenix terminal connection) and DIN rail mounting.
EW-IS1703-2FE-M	Unmanaged industrial ethernet fiber switch with 2*10/100M port and 1*155M SC port. The SC port 850nm/0.5km or 1310nm/2km multi-mode dual fiber module. It can support dual DC redundant power input (Phoenix terminal connection) and DIN rail mounting.
EW-IS1703-2FE-A	Unmanaged industrial ethernet fiber switch with 2*10/100M port and 1*155M uplink SC port. The SC port 1310nm/20km single-mode single-fiber module. It can support dual DC redundant power input (Phoenix terminal connection) and DIN rail mounting.
EW-IS1703-2FE-B	Unmanaged industrial ethernet fiber switch with 2*10/100M port and 1*155M uplink SC port. The SC port 1550nm/20km single-mode single-fiber module. It can support dual DC redundant power input (Phoenix terminal connection) and DIN rail mounting.

## PACKING LIST

CONTENT	QTY	UNIT
3 Ports 10/100M Industrial Ethernet Switch (EW-IS1703)	1	SET
User Guide	1	PC
Warranty Card	1	PC