

# 2 Ports Full Gigabit Industrial Ethernet Switch

1\*GE+1\*1000M SFP/SC Industrial Ethernet Switch

**EWIND**



- 1\*10/100/1000M RJ45 port+ 1\*100/1000M SFP/SC port Industrial Ethernet Switch;
- Operation TEMP:-40~85°;
- 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-IS1802 is a 10/100/1000M industrial Ethernet switch. It has 1\*10/100/1000M port and 1\*1000M SFP/SC 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.

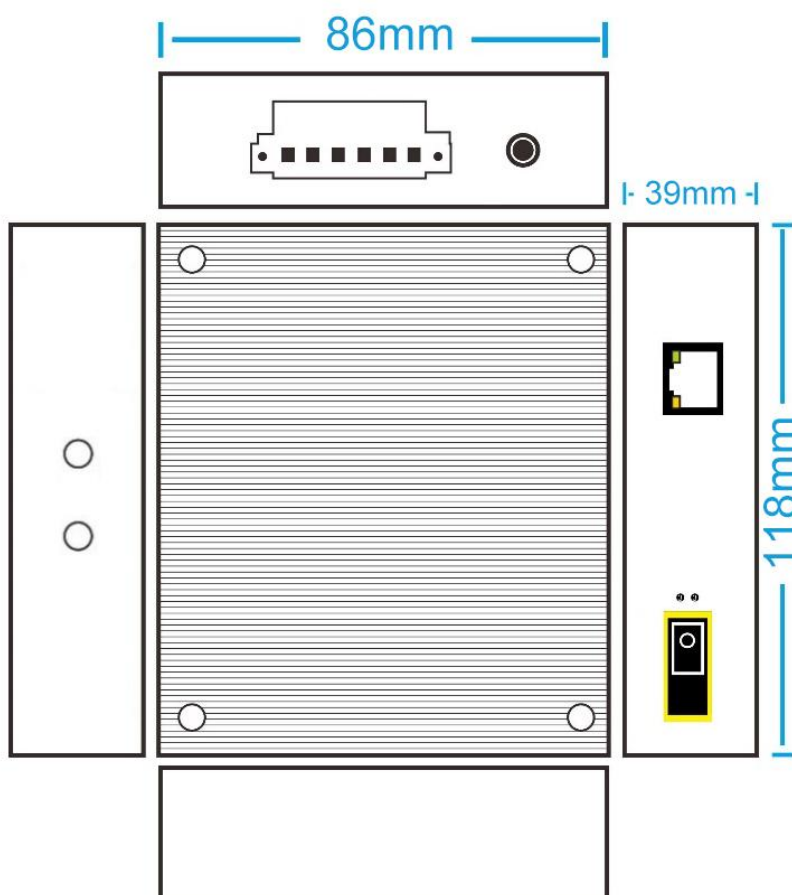
## TECHNICAL SPECIFICATION

Model	EW-IS1802
Interface	1*10/100/1000Base-T PoE port (Data) 1*100/1000Base-X uplink SFP/SC fiber slot port (Data) 2 set of V+, V- redundant DC power interface (6 Pin Phoenix terminal)
POE Port	Port 1
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x

Ethernet Port Feature	Port 1 support 10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
SFP Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	8Gbps
Forwarding Rate@64byte	2.98Mpps
MAC	1K
Buffer Memory	1M
Jumbo Frames	10K
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP (≤100 meter)
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM, 1550nm 0-120KM.
Working Voltage	12-48VDC; 6 PIN industrial phoenix terminal, anti-reverse protection.
LED Indicator	Power: PWR (green), Network: Link, Link/Act (green)
Power Supply	No, optional 48V/24W or 48V/36W industrial power supply
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)	118*86*39mm
Net /Gross Weight	<0.3kg/<0.5kg
Installation	Desktop, 35mm DIN rail
Lightning protection / protection level	Lightning protection: 6KV 8/20us; Protection level: IP40 IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-3(RS): 10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable: ±4kV; data cable: ±2kV IEC61000-4-5(Surge): power cable: CM±4kV/DM±2kV; data cable: ±4kV IEC61000-4-6(radio frequency transmission): 10V(150kHz~80MHz) IEC61000-4-8(power frequency magnetic field): 100A/m; 1000A/m, 1s to 3s

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

DIMENSION



APPLICATION



PACKING LIST

CONTENT	QTY	UNIT
2 Port Full Gigabit Industrial Fiber Switch (EW-IS1802)	1	SET
User Guide	1	PC
Warranty Card	1	PC