

10 Ports Full Gigabit Industrial Ethernet Switch

8*GE+2*GF Industrial Ethernet Switch

EWIND



- 8*10/100/1000M RJ45 + 2*100/1000M SFP fiber Port Industrial Ethernet Switch;
- Operation TEMP:-40~85°;
- Input voltage: DC12-48V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;
- 5 years warranty.

RoHS **FC** **CE**

Introduction

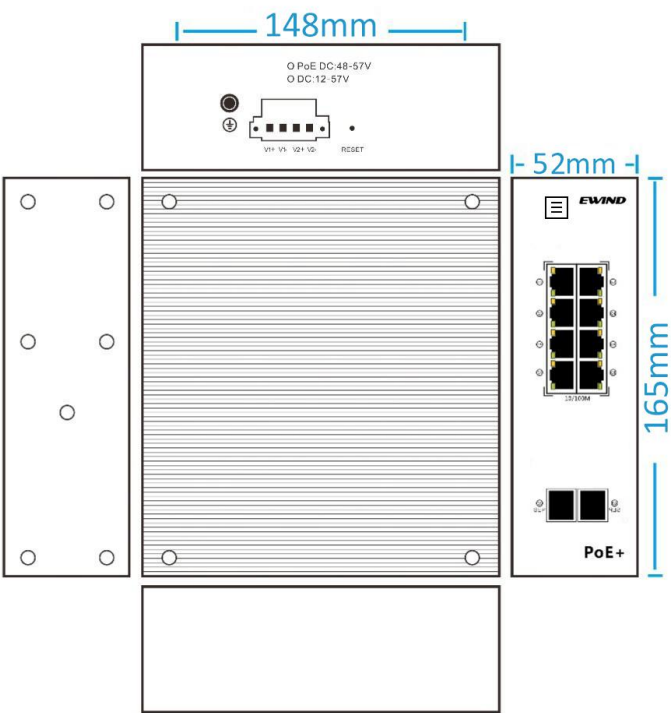
The EW-IS1810 is full gigabit industrial fiber switch independently developed by EWIND. It has 8*10/100/1000Base-T RJ45 ports and 2*1000Base-X uplink SFP slot ports. It is suitable for intelligent transportation, rail transit, power industry, mining, petroleum, sea transportation. Industrial scenes such as metallurgy and green energy construction form a cost-effective, stable and reliable communication network.

TECHNICAL SPECIFICATION

Model	EW-IS1810
Interface	8*10/100/1000Base-T ports (Data) 2*100/1000Base-X uplink SFP fiber slot ports (Data) 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)
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 1-8 support 10/100/1000Base-T auto-sensing, full/half duplex MDI/MDI-X self-adaption
SFP Port Characteristic	Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (optional order mode / multi-mode, single fiber / double fiber optical module.
Forwarding Mode	Store and Forward (Full Wire Speed)

Switching Capacity	20Gbps (Non-blocking)
Forwarding Rate@64byte	14.88Mpps
MAC	2K
Buffer Memory	1M
Jumbo Frame	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 Cable	Multimode: 850nm 0 ~ 500M, 1310nm 0~2KM; Single mode: 1310nm 0 ~ 40KM, 1550nm 0 ~ 120KM.
Working Voltage	12-48VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
Power Consumption	Standby:<2.5W; Full load:<10W
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	165*148*52mm
Net /Gross Weight	<1.0kg / <1.3 kg
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 IEC61000-4-9(pulsed magnet field):1000A/m IEC61000-4-10(damped oscillation):30A/m 1MHz IEC61000-4-12/18(shockwave):CM 2.5kV, DM 1kV IEC61000-4-16(common-mode transmission):30V; 300V,1s FCC Part 15/CISPR22(EN55022): Class B IEC61000-6-2(Common Industrial Standard)
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
10 Ports Full Gigabit Industrial Fiber Switch (EW-IS1810)	1	SET
User Guide	1	PC
Warranty Card	1	PC