1000M 12 Ports Industrial Fiber Switch

8*FE +2*GE+2*GF Industrial Switch

- 8*10/100M + 2*1000M RJ45 ports + 2*1000M SFP slot IndustrialSwitch,1-8 ports support IEEE 802.3af/at;
- Switching capacity: 48Gbps, MAC table:8K;
- Input voltage: DC12~48V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;
- With Dial Code Switch

RoHS FC CE

Introduction

The XC-IS1812 is a 10/100/1000M industrial fiber switch. It has 8*10/100/1000M ports and 2*10/100/1000M RJ45 ports + 2*1000M SFP slot ports, Port 1-8 can support IEEE 802.3af/at standard, single port power up to 30W, the maximum output power is 120W (at-240W). As a power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to terminal equipment such as wireless AP, webcam, VoIP phone, industrial sensor through network cable, and meet the network environment that needs high-density power supply. 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.

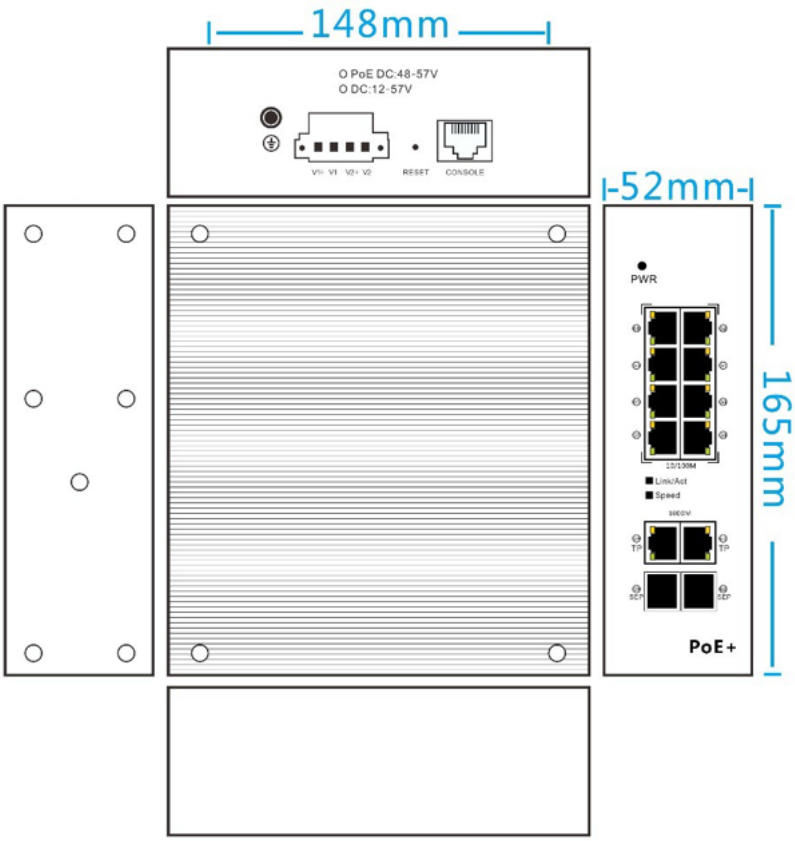
TECHNICAL SPECIFICATION

Model	XC-IS1812
Interface	8*10/100/1000Base-TX ports (Data/Power) 2*10/100/1000M RJ45 ports (Data) 2*1000M SFP slot ports (Data) 2 set of V+, V- redundant DC power interface (5 Pin Phoenix terminal)
Port	Port 1-8 supports @ IEEE802.3af/at

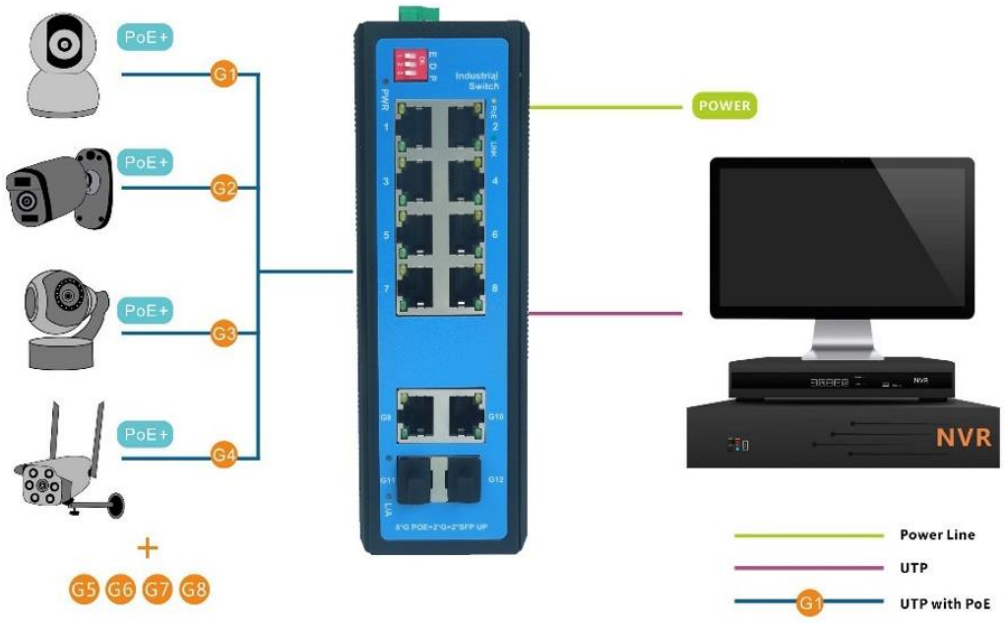
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x
Standard	IEEE802.3af/at
Ethernet Port Feature	Port 1-8 support 10/100/1000Base-TX, Port 9-10 support 10/100/1000Base- T(X) auto-sensing, full/half duplex MDI/MDI-X 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	48Gbps
Forwarding Rate@64byte	4.17Mpps
MAC	8K
Buffer Memory	4M
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.
Power Supply Pin	Default 1/2 (+), 3/6 (-), optional 4/5 (+), 7/8 (-)
Working Voltage	12 ~ 48VDC; 5 Pin industrial Phoenix terminal, support anti-reverse protection.
Power Consumption	Standby:<5W; Full load:<18W
LED Indicator	Power: PWR (green), Network: Link, link/Act (yellow), Rate: Speed (green), : (green)
Operation TEMP / Humidity	-40~+75°C;5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C;5%~95% RH Non condensing
Dimension	165*148*54mm
Net /Gross Weight	<1.3kg / <1.8 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;

DIMENSION



APPLICATION



PACKING LIST

CONTENT	QTY	UNIT
12 Ports Gigabit Uplink Unmanaged Industrial Fiber Switch (XC-IS1812)	1	SET
User Guide	1	PC
Warranty Card	1	PC

XEXAGON
beyond automation...
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