

# 4 Ports Full Gigabit Industrial Ethernet Switch

## 2\*GE+2\*GF Industrial Ethernet Switch



RoHS FCC CE

- 2\*10/100/1000M port+ 2\*1000M SFP port Industrial Ethernet Switch;
- Switching capacity:8Gbps, MAC table:8K;
- Input voltage: DC 12~48 V, Redundant dual power 5-bit industrial terminals;
- IP protection level: IP40; Rail-type installation;

### Introduction

The XC-IS1804 is a 10/100/1000M industrial Ethernet switch. It has 2\*10/100/1000M port and 2\*1000M SFP 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.

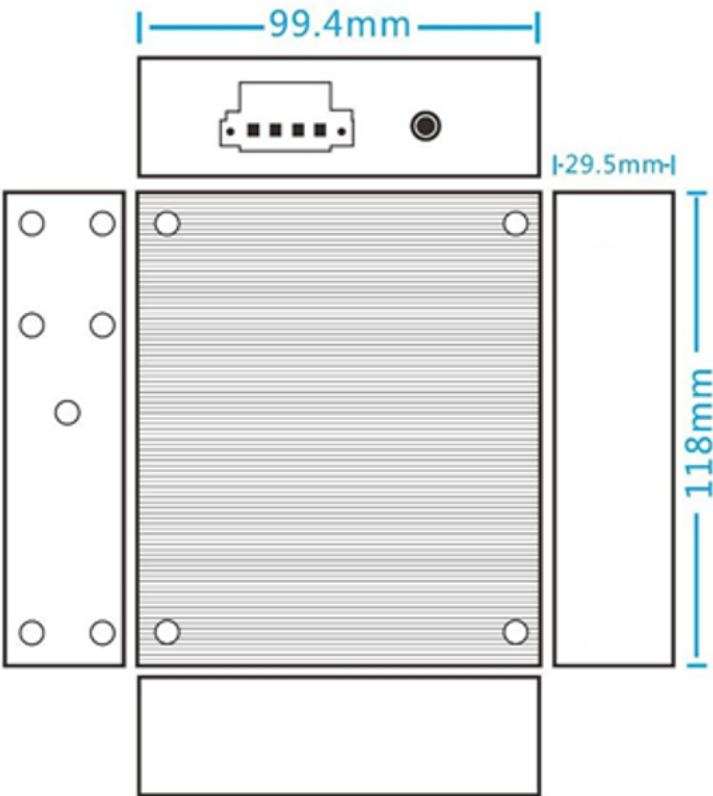
### TECHNICAL SPECIFICATION

Model	XC-IS0418
Interface	2*10/100/1000Base-T port 2*1000Base-X uplink SFP fiber slot 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; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x

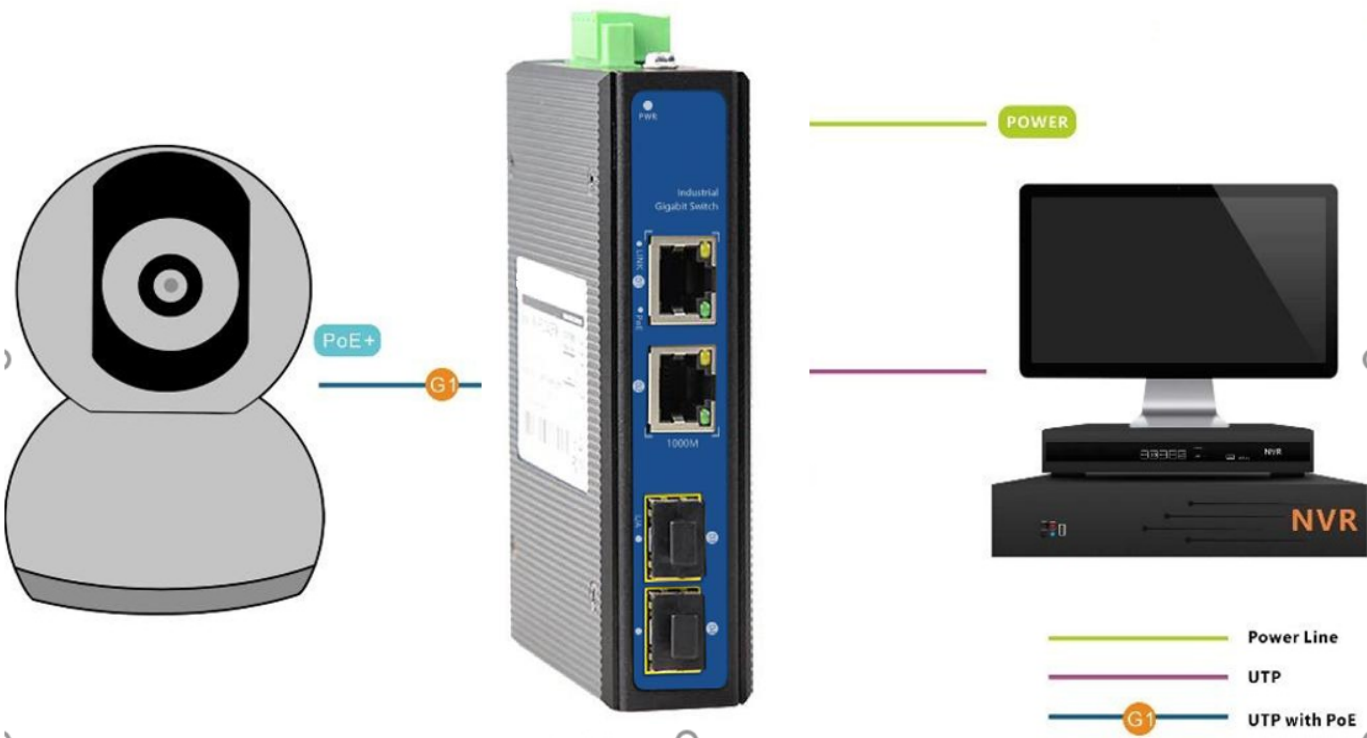
Ethernet Port Feature	10/100/1000Base-T, auto-sensing, Full/half duplex MDI/MDI-X self-adaption
SFP Port	Gigabit SFP optical fiber interface, default matching optical modules (optional order single-mode / multi-mode, single fiber / dual fiber optical module. LC)
Forwarding Mode	Store and Forward (Full Wire Speed)
Switching Capacity	8Gbps
Forwarding Rate@64byte	2.98Mpps
MAC	8K
Buffer Memory	1M
Jumbo Frames	10K
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP ( $\leq 100$ meter) 100BASE-TX: Cat5 or later UTP ( $\leq 100$ meter) 1000BASE-T: Cat5e or later UTP ( $\leq 100$ meter)
Optical Fiber Cable	Multi-mode: 850nm 0~550M; single mode: 1310nm 0~40KM, 1550nm 0~120KM.
Working Voltage	12~48VDC; 5P industrial phoenix terminal, anti-reverse protection.
LED Indicator	Power: PWR (green), Network: Link, Link/Act (yellow).
Power Supply	12 ~ 48 VDC industrial power supply
Operation TEMP / Humidity	-40~+80°C; 5%~90% RH Non condensing
Storage TEMP / Humidity	-40~+85°C; 5%~95% RH Non condensing
Dimension (L*W*H)	119*100*30mm
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): $\pm 8$ kV contact discharge, $\pm 15$ kV air discharge IEC61000-4-3(RS): 10V/m(80~1000MHz) IEC61000-4-4(EFT): power cable: $\pm 4$ kV; data cable: $\pm 2$ kV IEC61000-4-5(Surge): power cable: CM $\pm 4$ kV/DM $\pm 2$ kV; data cable: $\pm 4$ kV 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 A 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
4 Ports Full Gigabit Industrial Ethernet Fiber Switch (XC-IS1804)	1	SET
User Guide	1	PC
Warranty Card	1	PC