

4-port 10/100/1000BASE-TX+2xGigabit SFP WEB Managed Industrial
Switch

USR-ISG204-SFP



Introduction

Slim Type with more Practicability and Convenience

USR-ISG204-SFP an hardened 6-port Industrial Ethernet Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 4-port 10/100/1000BASE-TX RJ45 +2 Gigabit SFP delivered in an IP40 rugged, strong casing. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40°C to 80°C.

The **USR-ISG204-SFP** provides the flexibility to all kinds of 10/100/1000Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The **USR-ISG204-SFP** is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation.

Interface

- 4-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function
- 2-port gigabit SFP

Industrial conformance

- 12V to 48V DC power input
- -40°C to 80°C operating temperature
- IP40 aluminum housing
- Free Fall, Shock and Vibration Stability
- DIN-rail design

Web-management

- Support RSTP, Vlan
- Web management
- Port isolation, storm suppression
- Port Mirroring

Specifications:

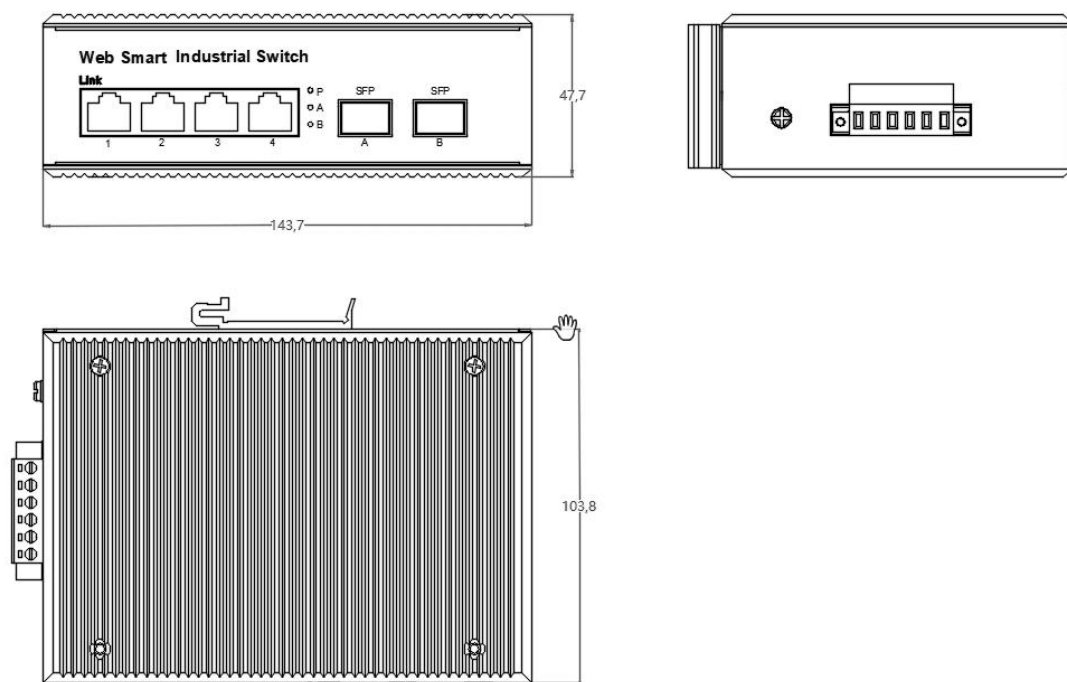
ROBOT

Model No.	USR-ISG204-SFP-SFP
10/100/1000Base-TX Port	4 port RJ-45 auto-MDI / MDI-X
1000Base-FX Port	2 x 1000BaseFX SFP slots (Compatible with 100M/1000M/2.5G)
Performance Specification	Bandwidth: 18Gbps Packet Buffer Memory: 2Mbit Packet Forwarding Rate: 13.4Mpps MAC Address Table: 4K
Installation	Din rail
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power Fiber: Link/ACT Ethernet
Power Input	12 to 48V DC 3 pin power
Power Consumption	< 5W
Surge protection	±4KV
Network Protocols	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X;

	IEEE802.3x; IEEE802.1Q -VLAN Tagging;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	EMI : FCC Part 15 Subpart B Class A, EN 55032 Class A EMS: IEC(EN)61000-4-2(ESD) ±8kV (contact), ±12kV (air) IEC(EN)61000-4-3(RS) : 10V/m (80~1000MHz) IEC(EN)61000-4-4 (EFT): Power Port: ±2kV; Data Port: ±1kV IEC(EN)61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC(EN)61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC(EN)61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) IEC(EN)61000-4-8 Shock : IEC 60068-2-27 Freefall : IEC 60068-2-32 Vibration : IEC 60068-2-6
Management	WEB Management
Port Isolate	Support
Storm Control	Support
Mirror	Port-based Mirror
MTBF	>300,000hours

Dimensions (W x D x H)	143.7x 103.8x 47.7mm
Weight	Product Weight: 0.3KG Packing Weight: 0.5KG
Working Environment	Working temperature: -40 ~ 80°C ; Storage temperature: -40 ~ 85°C Relative Humidity: 5%~95 %(no condensation)
Warranty	1-year replacement with new item; 3-years for main parts.

Dimensions



Ordering Information

USR-ISG204-SFP	4-port 10/100/1000BASE-TX+2G SFP Managed Industrial Switch
Power supply (optional)	
ZX5241-DC	DC 24V/1A, suitable for non-PoE Industrial switch

Your Trustworthy Smart IOT Partner



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