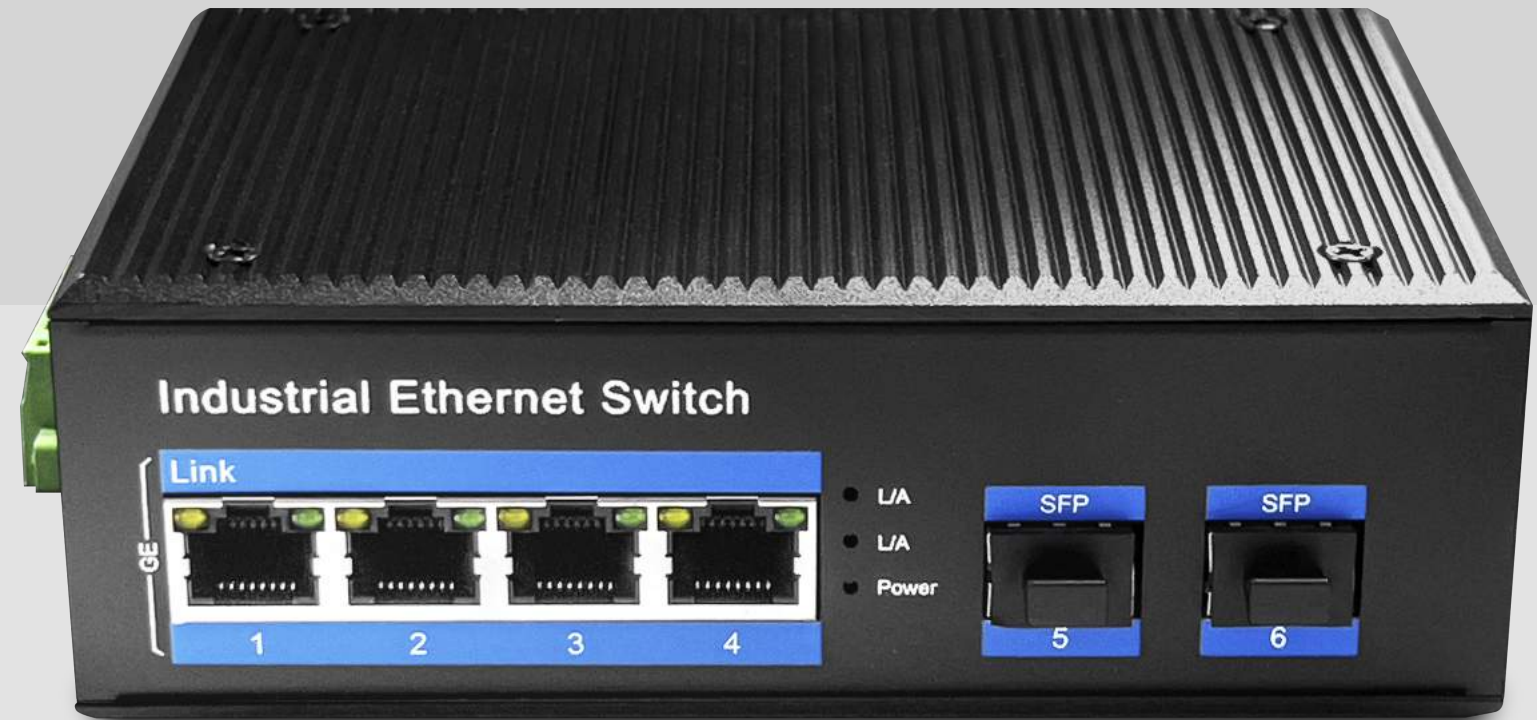




Model

# IG 1004S2P

4-Port Gigabit Industrial PoE+ Switch  
with 2 SFP Slots



[Datasheet](#)

## Description

IG1004S2P 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 PoE +2-port 1000Base-Fx delivered in an IP40 rugged, strong case with redundant power system. 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 85°C.

The IG1004S2P series provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.

The IG1004S2P series 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. It also offers dual-redundant, reversible polarity 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

## Features

- 4-port 10/100/1000Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3AT/AF
- 2-port 1000Base-Fx interface SC/FC/ST/SFP
- Multi-Mode up to 2km
- Single-Mode up to 20km/40km/60km/80km
- 48V to 57V DC, redundant power input
- -40°C to 85°C operating temperature
- IP40 aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail design



# Specifications

Model No.	IG1004S2P
10/100/1000Base-TX Port	4-Port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at PoE ports:1-4 port support PoE Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) PoE port Auto detect AF/AT devices Output Voltage: DC48V Power Pin Assignment:1/2+;3/6- Power Type: End-span( Mid-span optional)
Performance Specification	Bandwidth: 20Gbps Packet Buffer Memory:2Mbit Packet Forwarding Rate:15Mpps MAC Address Table: 8K
Installation	DIN rail
Maximum Frame Size	9000bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red Fiber: Link 2(Green) Ethernet: Yellow

Power Input	48 to 57V DC redundant power
Power Consumption	< 3 watts
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;
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)
MTBF	>300,000hours
Dimensions (W x D x H)	143.7 x 103 x 44.2 mm
Weight	Product Weight: 0.36KG Packing Weight: 0.46KG
Working Environment	Working temperature: -40~85°C ; Storage temperature: -40~85°C Relative Humidity: 5%~95 %( no condensation)

# Dimensions

