

Industrial 4 Port Giga Unmanaged Switch, IESG 102-2S O1



IESG 102-2S O1 series is the 10 / 100 / 1000 Mbps Industrial Unmanaged switch. It has 2 RJ45 Ports & 2 Giga SFP ports. It works with operating temperature of -40°C to + 85°C, supports wide voltage dual power input, meet IP40 protection degree and EMC industrial grade requirements. It supports DIN rail installation.

The reliable industrial grade design could ensure continuous and stable operation of the automation system.

Features

- ✓ 2 x 10 / 100 / 1000Mbps Auto-sensing RJ45 ports
- ✓ 2 x 1000Mbps SFP Fiber ports
- ✓ Support Auto MDI / MDIX
- ✓ Store-and-forward switching mechanism
- ✓ Flow control mode: Full duplex with IEEE 802.3x standard, Half-duplex with Back pressure standard
- ✓ IEEE 802.3 10Base-T and IEEE 802.3u 100Base-TX compliant
- ✓ 4KV Ethernet surge protection for harsh environment
- ✓ Operating environment temperature: -40°C to + 85°C

Specification

Port	2x10 / 100 / 1000M UTP RJ45 (Support MDI / MDIX auto-sensing)
	2 x 1000Mbps SFP ports
	SM : 1310nm / 1550nm, 20Km; 1490nm / 1550nm, 40 to 120Km
	MM : 1310nm, 2Km
Switching features	Transmission mode : Store and Forward
	Bandwidth : 8Gbps
	Packet Forwarding Rate : 5.952Mpps
	MAC : 4K
	Queue Buffer : 1.75M
Network media	10BASE-T: CAT3, CAT4, CAT5 un-shielded twisted pair (≤100m)
	100/1000BASE-TX: CAT5 or above shielded twisted pair (≤100m)
	SFP port, transmission distance: 20Km, 40Km, 60Km, 80Km, 100Km
LEDs	Power, Network, Fiber
Power supply	Input voltage : DC 9-52V
	Power Consumption : 5W
	Reverse Polarity protection
Mechanicals	Shell : Corrugated metal shell
	Safety class : IP40
	Dimension : 113.8 x 93 x 34.9mm
	Mounting : Din-rail mounting
	Weight : 0.35kg

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Environment	Working temperature : -40° to 85°C
	Storage temperature : -40° to 85°C
	Working humidity : 10% to 90%, non-condensing
	Storage humidity : 10% to 95%, non-condensing

Industry Standards tested for

	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A
	EMS : EN 61000-4-2 (ESD) Level 3, EN 61000-4-3 (RS) Level 3, EN 61000-4-4 (EFT) Level 3, EN 61000-4-5 (Surge) Level 3, EN 61000-4-6 (CS) Level 3, EN 61000-4-8
	Vibration : IEC 60068-2-6
	Freefall : IEC 60068-2-32
	Shock : IEC 60068-2-27
Safety	EN60950

Ordering Code : IESG 102-2S O1

IESG : Industrial full Giga Switch
 102 : Unmanaged with 2 RJ45 Ethernet ports
 2S : 2*Giga SFP ports
 O1 : Fixed