

Industrial 10 Port Unmanaged Gigabit Ethernet Switch, IESG 108-2S A



The IESG 108-2S features 2 x 100/1000Base-X SFP Slot and 8 x 10/100/1000Base-T twisted-pair port. The SFP slot port for any kind of MSA-compliant pluggable 155M/1.25G SFP Transceivers, the twisted-pair port has 8 x RJ-45 connector with a maximum operating distance of 100m.

The switch extends Ethernet over distance via fiber. Extended operating temperature range allows installation in unconditioned outdoor cabinets or industrial environments.

They are DIN-rail or wall-mounted, allowing users to deploy any mix of network conversions required.

Features

- Provide 8 x 10/100/1000Base-TX Copper ports
- 2 x 100/1000Base-X SFP Slot for Daisy-Chain
- RJ45 support auto MDI/MDI-X function
- Auto-negotiation speed, half/full-duplex
- Store-and-forward
- Support wide operating temperature (-40°C to +85°C)
- Wide-range redundant power design (10 to 58VDC)
- Reverse Power polarity protection
- Overload current resettable fuse present
- IP40 protection
- Provide EFT protection for Power line
- Support Ethernet ESD protection
- DIN-Rail and Wall-Mounted Installation
- Low power consumption

Technical Specifications

Standards	IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3x, IEEE802.3d, IEEE802.1x
Performance	Processing Type : Store and Forward Back Bandwidth : 20Gbps MAC Address Size : 16Kbits Packet Buffer Size : 2Mbit Time Delay : <10us Frame : 10Kbytes
Copper Port	Data Rate : 10/100/1000M Connector : RJ45 x 8
Fiber Port	Data Rate : 1.25G Connector : SFP slot x 2

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LED indicators	PWR1, PWR2: ON=Power Connected 1,2,3,4 to 8 : ON=Copper Connected. Blink = Data Transmit 9 to 10 : ON=Fiber Connected; Active=Data Transmitting
Power	Input Voltage : 12 to 56 VDC, Redundant power inputs Power Consumption : ≤8W Protection : Overload Current; Reverse Polarity Connector : Terminal Block
Environment	Operating Temperature : -40°C to +85°C Storage Temperature : -40°C to +95°C Relative Humidity : 5 to 95% (no condensation)
Physical Characteristics	Housing : IP40 Protection, Aluminum Alloy Installation : DIN-rail mounting Dimension : 138*107*45 mm Weight : 0.48kg(device)

Standards and Certifications tested for

EMC	CE
EMI	FCC Part 15 CLASS A
EMS	IEC 61000-4-2 Level 4 (8K/15K)
	IEC 61000-4-3 Level 3 (10V/m)
	IEC 61000-4-4 Level 3 (1V/2V)
	IEC 61000-4-5 Level 3 (4KV/2KV)
	IEC 61000-4-6 Level 3 (10V/m)
	IEC 61000-4-8 Level 4 (30A/m)
Shock	IEC 60068-2-27
Freefall	IEC 60068-2-32 0.5m
Vibration	IEC 60068-2-6

Order Information IESG 108-2S A

Model No.	Description
IESG	Industrial Giga Switch
1	Unmanaged
08	8 * 10/100/1000M ports
2S	2 * 100/1000X SFP Slots
A	Fixed