

10 and 12 ports Unmanaged Giga Industrial Ethernet Switch, IESG S 108-4S, 108-2F, 108-4F



- ✓ Supports up to 12 ports, combination for RJ-45 ports and fiber ports
- ✓ Optional SC/ST/FC/SFP ports
- ✓ Supports full-duplex and half-duplex, auto MDI/MDI-X
- ✓ Supports Store-and-Forward
- ✓ Operating temperature: -40 to 85°
- ✓ MTBF > 500,000 hours
- ✓ IP40, fanless design, low power consumption
- ✓ Supports power alarm function

IESG 108 Series are full Gigabit Unmanaged industrial Ethernet switches. It supports up to 4 Gigabit fiber ports and 8 Gigabit RJ-45 ports. This switch is low power consumption, the fanless design prevents it from noise interference, the operating temperature range is from -40 to 85°C. This provides safe and reliable solution for industrial automation, intelligent transportation, video monitoring, and other industrial application networking access.

Specification

Standards & Protocols

Standards

IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z,
IEEE802.3x Flow control for Full Duplex & Back pressure flow control for Half Duplex

Ports

Fiber port : Upto 4 of 1000Base-FX (SC/FC/ST) and Upto 4 Giga SFP Ports
RJ-45 ports : 8 of 10/100/1000Base-T(X), Auto MDI/MDI-X

Transmission Distance

Cat. 5e : 100m
Fiber Single-mode : 1310nm 20/40/60Km
1550nm 20/40/60/80/100/120Km
Fiber Multi-mode : 1310nm 2Km

Switching Performance

Forwarding rate:
1000M ports : 1,488,095pps
Transmission mode : Store-and-forward
MAC address buffer : 8K
Switching bandwidth : 24G

Power Requirement

Input : 12/24/48 DC (10.8 to 52.8V)
: 110/220VAC (88 to 264VAC)/50-60Hz or 110/220VDC (88 to 264VDC)
: Supports Dual power input
Power Consumption : Full load <15W

San Telequip (P) Ltd.,
 504 & 505 Deron Heights, Baner Road
 Pune 411045, India
 Phone : +91-20-27293455, 9764027070, 8390069393
 email : info@santelequip.com



Mechanical Characteristics

IP rating : IP40
 Weight : 1600g
 Installation : DIN-Rail

Dimension

Size (W*H*D) : 70mm*150 mm*120mm

Environment

Operating temperature : -40°C to 85°C
 Storage temperature : -40°C~85°C
 Relative humidity : 0~95% (non-condensing)

Industrial Standards

EMI: FCC Part 15 , CISPR (EN55022) class A
 EMS:
 IEC(EN)61000-4-2(ESD)
 IEC(EN)61000-4-3(RS)
 IEC(EN)61000-4-4(EFT)
 IEC(EN)61000-4-5(Surge)
 IEC(EN)61000-4-6(CS)
 IEC 60068-2-27(Shock)
 IEC 60068-2-32(Freefall)

Ordering Model Code : IESG S 108-4S-*F-XX00-YY-Z-R

Model	10/100/1000 Base T Ports	1000Base FX Ports	1000 Base FX SFP Ports
IESG S 108-4S-Z	8		4
IESG S 108-2F-XX00-YY-Z	8	2	
IESG S 108-4F-XX00-YY-Z	8	4	

- 4S** : 4*1000X SFP slots
- 4F** : 4 * 100FX Fiber Ports
- XX** : Fiber type
: MM for Multimode, SM for Singlemode. Singlemode is by default
- 00** : Fiber distance. 20Km by default
- YY** : Fiber Connector
: SC for SC Connector, ST for ST Connector, FC for FC Connector
- Z** : **Input Supply** :
: DC for 12/24/48 DC (10.8 to 52.8V) & AC for 110/220V AC/DC (88 to 264V)
: 12/24/48V DC is by default
- R** : Dual Power Supply. Single Supply is default.

Dimension

