

10-Port Full Gigabit Unmanaged Ethernet Switch, Model IESG S 108-2S/2F

Feature



- Supports up to 10 ports, combination for RJ45 ports and Fiber ports
- Supports Ethernet port full/half-duplex, Auto MDI/MDI-X
- Built-in Store-and-Forward, 8K buffer
- Operating temperature: -40°C to 85°C
- IP40 protection
- Supports Alarm Relay function
- Supports Overload and Reverse polarity protection

Overview

IESG108-2F/2S series are Unmanaged full Gigabit industrial Ethernet switches. It supports 2 Gigabit fiber ports & 8 Gigabit RJ-45 ports. This series switch is low power consumption; and the fanless design. The operating temperature range is from -40 to 85°C. With strong EMC compatibility, it provides safe and reliable solution for industrial automation, intelligent transportation, video transmission, and other industrial application networking.

Specification

Standards

IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab
IEEE802.3x Flow control for Full Duplex & Back pressure flow control for Half Duplex

Ports

RJ45 port : 8x 10/100/1000Base-T(X), Auto MDI/MDI-X
Fiber port : 2x 1000Base-X (SC/FC/ST/SFP slot)

Transmission distance

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

Switching performance

Forwarding rate
Gigabit port : 1488095pps
Transmission mode : Store and Forward
MAC address buffer : 16K
Switching bandwidth : 20G

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



Power requirement

Voltage input : 12 to 48VDC (10.8 to 52.8VDC), Dual Supply
 : 110/220V AC/DC, Dual Supply
 Power consumption : 400mA@24Vmax

Alarm contact : 1 Relay output, NO NC 1A @ 24VDC

Mechanical characteristics

IP rating : IP40
 Installation : DIN-Rail/wall-mounted
 Dimension : 150mm×47.6mm×100mm (H×W×D)

Environment

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

Industrial standards tested for

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 108-2*-XX00-YY-Z

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

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
 Z : Input Supply :
 DC for 12/24/48 DC (10.8 to 52.8V), Dual Supply
 AC for 110/220V AC/DC, Dual Input

Dimension

mm ± 1
 (inch) ± 0.04

