

IS-RG326 Series

26-port Gigabit 19" Unmanaged Layer 2 Industrial Ethernet Switch



The IS-RG326 Series full Gigabit unmanaged Ethernet Switches provide 26 easy access, plug-n-play Gigabit Ethernet ports for applications; a full Gigabit network provides higher throughput than legacy Fast Ethernet network. The cost effective IS-RG326 Series unmanaged switches can easily be used in factory production line or embedded into machine system. The IS-RG326 Series also support some useful function by default for network traffic optimization, such as QoS and storm protection.



Key features

- ▶ 24 Giga Copper ports with 2 100/1000 SFP ports.
- ▶ Support 9K Jumbo frames
- ▶ IEEE 802.3x flow control & back-pressure
- ▶ Layer 2 wire-speed switching engine
- ▶ Support IEEE 802.1p TOS/Diffserv, QoS
- ▶ Multicast / Broadcast / Flooding Storm Control
- ▶ Fan-Less design with wide-temperature range (-40~75°C)
- ▶ Redundant power input 12~58 VDC or 100/240 VAC, 50Hz ~ 60Hz
- ▶ Reverse power protection
- ▶ Support Din-Rail or wall mount installation
- ▶ Support Relay Output Alarm
- ▶ IP 30 Protection
- ▶ -40~75°C operating temperature
- ▶ 2 KV surge immunity on RJ45 Copper ports
- ▶ 1.5 KV Hipot

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	8K
Packet Buffer	4 Mbits
Jumbo frame	9K

RJ45 Copper ports

Speed	10/100/1000 Mbps
MDI/MDIX Auto-crossover	Support straight or cross wired cables
Auto-negotiation/Duplex	10/100/1000 Mbps speed auto-negotiation; Full & Half Duplex
Ethernet Port Protection	1.5KV VRMS 1minute(Hipot), 2KV surge immunity on RJ45 Copper ports

Fiber Ports

Port Types supported	100/1000 Base SFP Slot
Fiber port connector	LC/RJ45 connector for fiber ports
Optimal fiber cable	Typical 50 or 62.5/125 μ m for multimode (mm) Typical 8 or 9/125 μ m for single mode (sm)

Smart Features

QoS	IEEE 802.1p, TOS/Diffserv
Number of Queue	8
Storm Protection	Multicast/Broadcast/Flooding Storm Control
Traffic Shaper	Port-Based Port Sharping

Power

Power Input	Redundant Power Input, AC/DC Input, IEC Connector / Terminal Block
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Input Voltage Range	12-58 VDC or 100/240 VAC, 50Hz~60Hz
Reverse power protection	YES
Power Consumption	IS-RG326-2F-2A 35 Watt, IS-RG326-2F-A 20 Watt, IS-RG326-2F-D 30 Watt

Indicators

Power status indication	Power Input status
Ethernet port indication	Link & speed

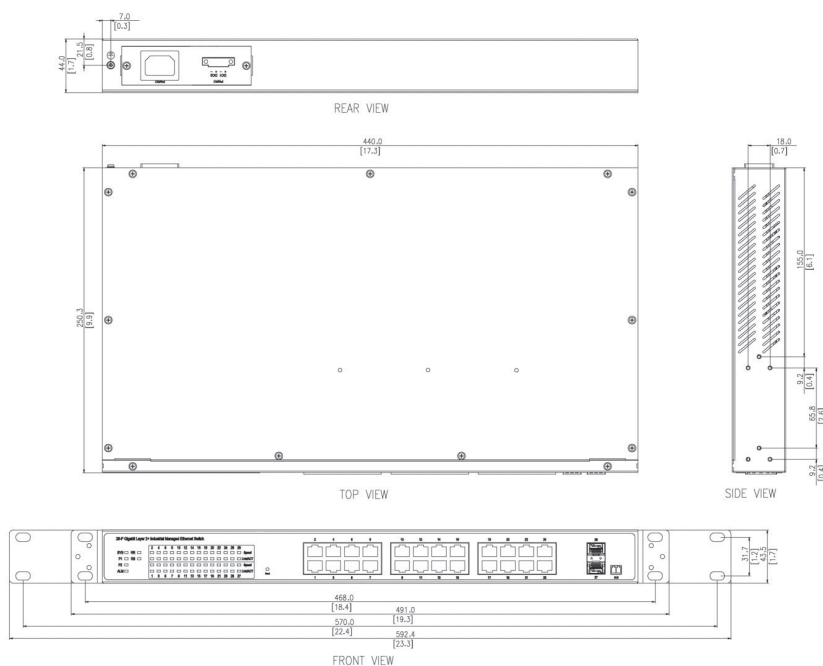
Environmental and Compliances

Operating Temperature	-40~75°C (Cold startup at -40°C)
Storage Temperature	-40~85°C
Humidity	5~95% (Non-Condensing)
Vibration, shock, free fall	IEC-60068-6, -27, -32
Certification Compliance	CE, FCC
Electrical safety	CE
EMC	FCC Part 15, CISPR 22 (EN55022) Class A IEC-61000-4-2, -3, -4, -5, -6 (Level 3)
RoHS & WEEE	RoHS (Pb free) and WEEE Compliant
MTBF	>25 years

Mechanical

Protection	IP30
Dimension	43.5mm(H) x 570mm (W) x 250mm (D)
Weight	1.5 kg
Installation	19" Rack mount
Relay Output	1A, 24V, Normal Open

Dimension Diagram



Ordering Information

Available Models	Description	10/100/1000Mb TX	100/1000Mb FX
IS-RG326-2F-2A	Industrial 26 port Gigabit Layer 2 unmanaged Switch. Dual AC, -40~75°C	24	2
IS-RG326-2F-A	Industrial 26 port Gigabit Layer 2 unmanaged Switch. Single AC, -40~75°C	24	2

IS-RG326-2F-D	Industrial 26 port Gigabit Layer 2 unmanaged Switch. Dual DC, -40~75°C	24	2
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Accessories

1. 100 Mb SFP Modules
2. Gigabit SFP Modules