

IS-RG310PL-A Series

10-port Gigabit unmanaged Layer 2 Industrial PoE Switch



The IS-RG310PL-A Series full Gigabit unmanaged 10-port Ethernet Switches with 8 IEEE 802.3af/at PoE ports provide easy to use plug-n-play applications; a full Gigabit network provides higher throughput than legacy Fast Ethernet network. The cost effective IS-RG310PL-A Series unmanaged switches can provide power and transmit data directly through a single Ethernet cable, which is ideal for factory production line or embedded into machine system. The IS-RG310PL-A Series switches are especially suitable for CCTV, Factory automation, and building automation applications.



Key features

- ▶ 8 Giga Copper ports with 2 100/1000 SFP ports Support
- ▶ up to 8 port IEEE 802.3af/at ports (15.4/30Watt)
- ▶ Support 9K Jumbo frames
- ▶ Layer 2 Line-Speed Switching Fabric, non-blocking IEEE
- ▶ 802.3x flow control & back-pressure
- ▶ Layer 2 wire-speed switching engine
- ▶ 10KV Lightning protection
- ▶ Fan-Less design with wide-temperature (-40 to +75°C)
- ▶ Power Input 100/240VAC , 50Hz ~ 60Hz
- ▶ IP 30 Protection

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	8K
Packet Buffer	4Mbits
Jumbo frame	9K
Backplane / Switching Fabric	10Gbps

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

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)

Protocols & Standards

IEEE 802.3 , IEEE 802.3x, Flow Control, Back Pressure, TCP/UDP, IEEE 802.3af/at

Power

Power Input	AC Power Input , IEC Connector
Input Voltage Range	100/240 VAC, 50Hz~60Hz
Power Consumption	6 Watt PSE: Max. 8x 30W, 240 Watt total power budget

Indicators

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

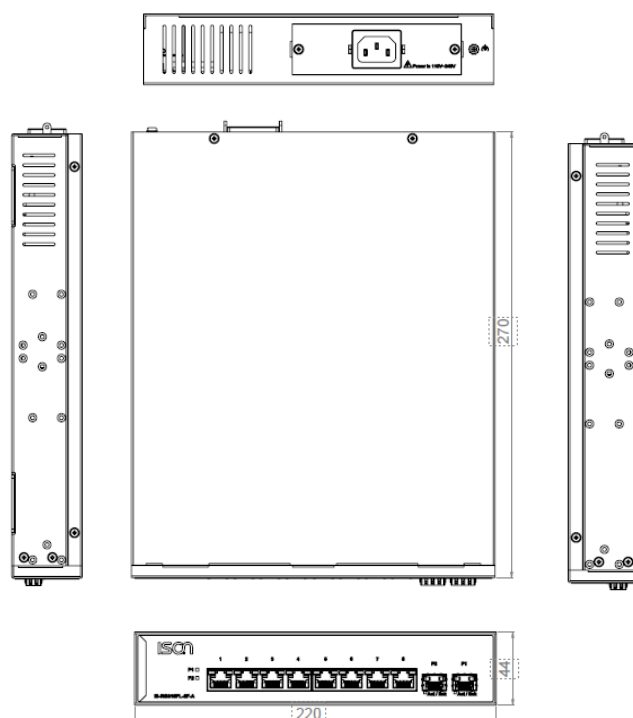
Environmental and Compliances

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-60068-2-6, -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	> 200,000 Hours

Mechanical

Protection	IP30
Dimension	220 x 44 x 270 mm (WxHxD)
Weight	2.54.Kg
Installation	Rack mount (Optional DIN Rail mount , Wall mount)

Dimension Diagram



Ordering Information

Available Models	Description	10/100/1000Mb TX(PoE)	100/1000Mb FX
IS-RG310PL-2F-8-A	Industrial 10 port Gigabit Layer 2 unmanaged Ethernet Switch ,8 PoE af/at	8	2

Accessories

1. Gigabit SFP Modules
2. 100MB SFP Modules
3. DIN Rail mount , Wall mount

Package Checklist

- IS-RG310PL-2F-8-A Switch
- Quick Installation Guide (Printed)