

IS-RG216 Series

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



The IS-RG216 Series are full Gigabit Entry level unmanaged Industrial Ethernet Switches provide 16 ports 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-RG216 Series unmanaged switch can easily be used in factory production line or embedded into machine system.



Key features

- ▶ Provide 16 Giga Copper ports
- ▶ Support 9K Jumbo Frames
- ▶ Support IEEE802.3az, Green Ethernet
- ▶ IEEE 802.3x Flow Control
- ▶ Layer 2 wire-speed switching engine
- ▶ Loopback Detection
- ▶ Support IGMP Snooping v1/v2
- ▶ Fan-Less design
- ▶ IP 30 Protection
- ▶ 0~60°C operating temperature

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	16K
Packet Buffer	2 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

Protocols & Standards

IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1p, IEEE 802.3x

Power

Power Input	Redundant Power Input, AC Input, IEC Connector
Input Voltage Range	100/240 VAC, 50Hz~60Hz
Power Consumption	13.5 Watt

Indicators

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

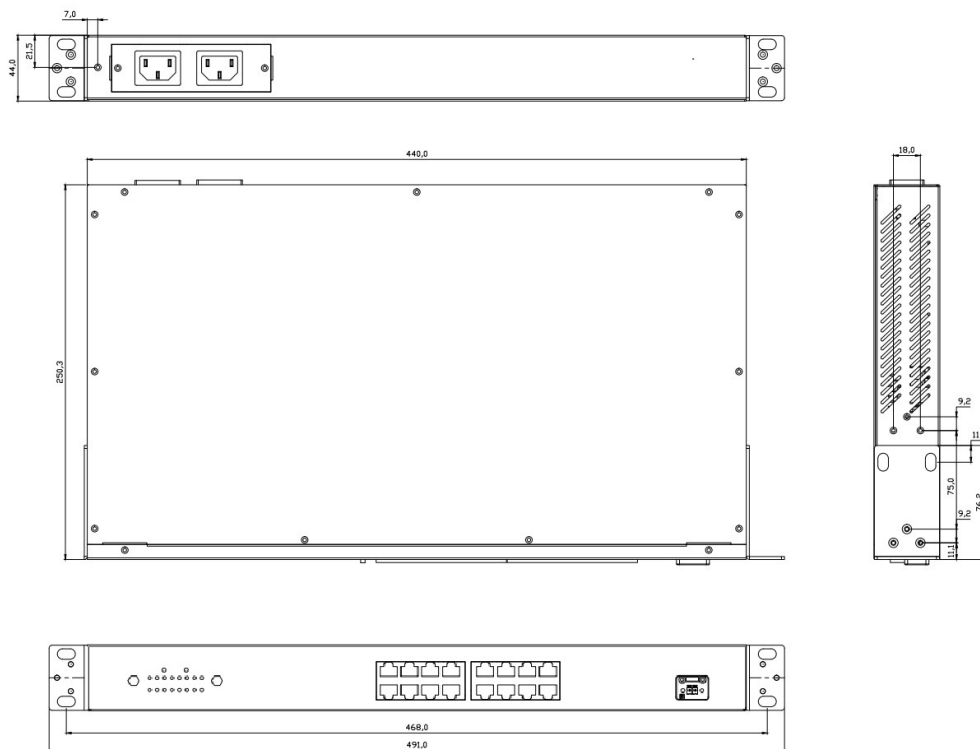
Environmental and Compliances

Operating Temperature	0~60°C (Cold startup at 0°C)
Storage Temperature	-40~70°C
Humidity	10~90% (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 2)
RoHS & WEEE	RoHS (Pb free) and WEEE Compliant
MTBF	>160,000 hrs

Mechanical

Protection	IP30
Dimension	280(W)mm x 180(D)mm x 43.5(H) mm
Weight	2.0 kg
Installation	19" Rack mount

Dimension Diagram



Ordering Information

Available Models	Description	10/100/1000Mb TX	100/1000Mb FX
IS-RG216-2A	Industrial 16 port Gigabit Layer 2 unmanaged Switch, Dual AC.	16	0
IS-RG216-A	Industrial 16 port Gigabit Layer 2 unmanaged Switch, Single AC.	16	0

Accessories

N/A

Package Checklist

- IS-RG216 Switch
- Quick Installation Guide (Printed)
- Documentation & Software CD
- Rack-Mount Kit