

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, EEE Green Ethernet
- ▶ IEEE 802.3x Flow Control
- ▶ Support IEEE 802.1p, QoS by default
- ▶ Layer 2 wire-speed switching engine
- ▶ Loop Detection by default
- ▶ Support IGMP Snooping v1/v2 by default
- ▶ Fan-Less design
- ▶ IP 30 Protection
- ▶ 10~60°C operating temperature
- ▶ Support Relay Output Alarm (Power) (IS-RG216-2A Only)
- ▶ Support Rack Mount, Wall Mount, Installation

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	16K
Packet Buffer	2 Mbits
Jumbo frame	9K
Switching Fabric / Back Plane	32Gbps

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, Flow Control, Back Pressure

Power

Power Input	Redundant Power Input, AC Input, IEC Connector
Input Voltage Range	100/240 VAC, 50Hz~60Hz
Power Consumption	IS-RG216-A 13.5 Watt, IS-RG216-2A 15 Watt

Indicators

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

Environmental and Compliances

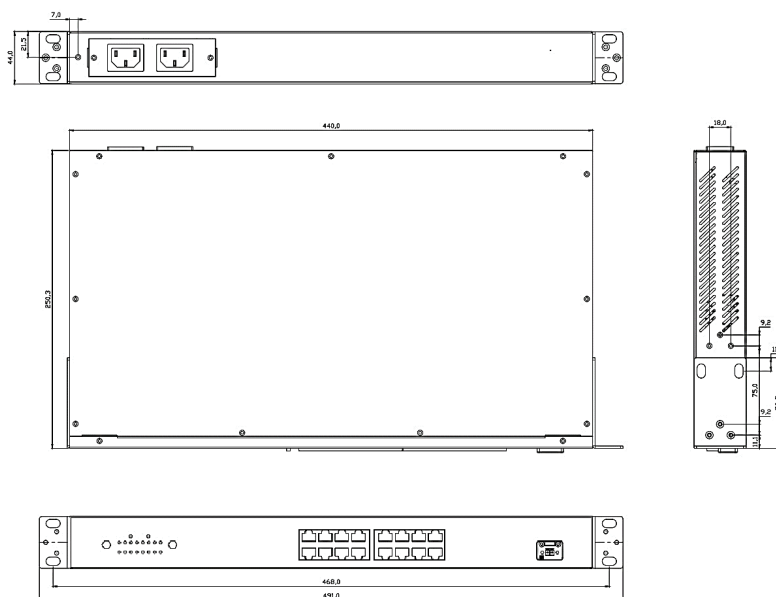
Operating Temperature	0~60°C (Cold startup at 0°C)
Storage Temperature	-40~70°C
Humidity	10~90% (Non-Condensing)
Vibration, shock, free fall	IEC-60068-2-6, -27, -32
Certification Compliance	CE, FCC
Electrical safety	CE

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	44mm x 440mm x 250.3mm(LxWxD)
Weight	2.9 kg
Installation	19" Rack mount
Relay Output	1A, 24V, Normal Open (IS-RG216-2A Only)

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 Input	16	0
IS-RG216-A	Industrial 16 port Gigabit Layer 2 unmanaged Switch, Single AC Input	16	0

Accessories

- IS-WK2U wall mount kit

Package Checklist

- IS-RG216 Switch
- Quick Installation Guide (Printed)
- 19" 1U Standard Rack-Mount Kit