IS-DG216 Series

16-port Gigabit Unmanaged Industrial Ethernet Switch

The IS-DG216 Series are full Gigabit unmanaged Ethernet Switches provide 16 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-DG216 Series unmanaged switches can easily be used in factory production line or embedded into machine system.

Key features

- Provide 16 Giga Copper ports
- Layer 2 Line-Speed Switching Fabric, non-blocking
- Fan-Less design
- Redundant power input 12~58VDC
- Support Din-Rail Mount Installation
- IP 30 Protection
- -40~75ºC operating temperature

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	8K
Packet Buffer	4 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 802.3x, Flow Control, Back Pressure

Power

Power Input	Redundant Power Input, 6pin terminal block
Input Voltage Range	12~58VDC
Power Consumption	10Watt

Indicators

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

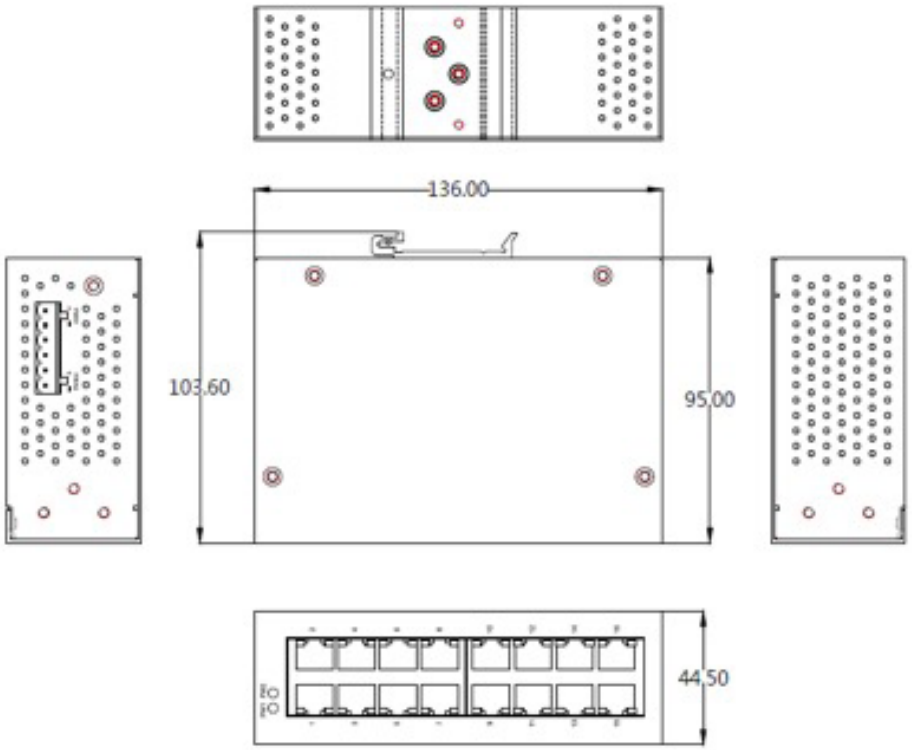
Environmental and Compliances

Operating Temperature	-40~75ºC (Cold startup at -10ºC)
Storage Temperature	-40~85ºC
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 hrs

Mechanical

Protection	IP30
Dimension	45x136x95 mm (WxHxD)
Weight	0.5kg
Installation	Din-Rail Mount

Dimension Diagram



Ordering Information

Available Models	Description	10/100/1000Mb TX	100/1000Mb FX
IS-DG216	Industrial 16 port Gigabit Layer 2 unmanaged Switch, -40~75°C	16	0

Accessories

1. IS-WK2U wall mount ki

Package Checklist

•IS-DG216 Switch

•Quick Installation Guide (Printed)