IS-DG308P Series

8-port Gigabit unmanaged Layer 2 Industrial PoE Switch

The IS-DG308P Series full Gigabit unmanaged 8-port Ethernet switch with either 4 or 8 PoE 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-DG308P 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-DG308P Series unmanaged switches are especially good for Building automation, CCTV, ITS and security/safety related applications.

Key features

- ► Provide 8 Giga Copper ports with 4 / 8 PoE/PoE+
- ► Support 9K Jumbo frames
- ► IEEE 802.3x flow control & back-pressure
- ► Layer 2 wire-speed switching engine
- ► Fan-Less design with wide-temperature range (-40~75ºC)
- ► Redundant power input 46~57 VDC
- ► Reverse power protection
- ► Support Din-Rail or wall mount installation
- ► Support Relay Output Alarm
- ► IP 30 Protection

Specification

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	1K
Packet Buffer	1 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

Power

Power Input	Redundant Power Input, DC Input, terminal Block
Input Voltage Range	46~57 VDC
Reverse power protection	YES
Power Consumption	5.76W (Without PD load) PSE: 200 Watt total power budget @ -40~75ºC operating temperature PSE: 240 Watt power total power budget @ 0~60ºC operating temperature

Indicators

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

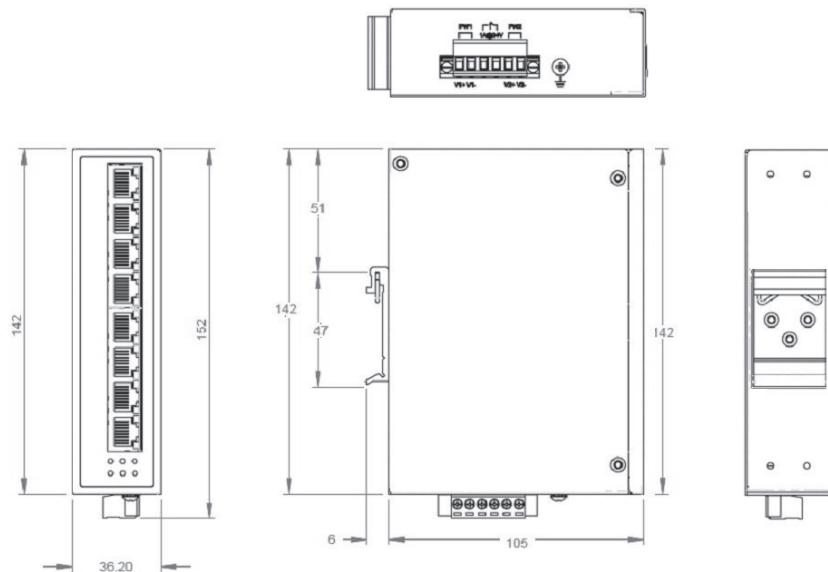### Environmental and Compliances

Operating Temperature	-40~75ºC (Cold startup at -40ºC)
Storage Temperature	-40~85ºC
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	142mmx36.2mmx105mm (LxWxD)
Weight	590 g
Installation	DIN-Rail mounting; Wall mounting
Relay Output	1A, 24V, Normal Open

Dimension Diagram

Ordering Information

Available Models	Description	10/100/1000Mb TX	PoE/PoE+
IS-DG308P-4	Industrial 8 port Gigabit Layer 2 unmanaged Ethernet Switch ,4 PoE af/at	8	4
IS-DG308P-8	Industrial 8 port Gigabit Layer 2 unmanaged Ethernet Switch ,8 PoE af/at	8	8

Accessories

N/A