IS-DG308P Series

8 Giga ports unmanaged Layer 2 Industrial PoE Switch

ISON IS-DG308P series are full Gigabit unmanaged Ethernet Switches that providing 8 Gigabit ports, with 4/8 PoE ports IEEE 802.3af/at PoE ports,. It's fulfill easy touse, plug&play applications. A full Gigabit network provides higher throughput than legacy Fast Ethernet network. With easy to use, cost effective unmanaged switch, user can easily use in factory production line or embedded into machine system. IS-DG308P series unmanaged switches are especially good for Buinding automation, CCTV, ITS and security/safety related applications.

CE FC

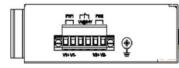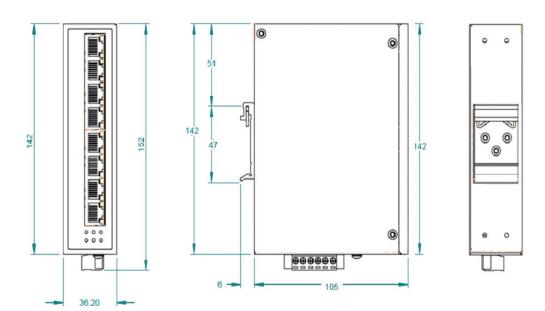## Key Features

> Provide 8 Giga Copper ports, up to 4 / 8 PoE ports.
> Support up to 4 port IEEE 802.3af/at ports (15.4/30Watt)
> 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 (44~56 VDC) & Reserve power protection
> Support Din-Rail or wall mount installation
> Support Relay Output Alarm
> IP 30 Protection

Specifications

Ethernet

Operating Mode	Store and Forward, L2 wire-speed/non-blocking switching engine
MAC addresses	1K
Jumbo frames	9K Bytes
Packet Buffer	1 Mbits

Copper RJ45 Ports

Speed	10/100/1000 Mbps Support straight or cross wired cables
MDI/MDIX Auto-crossover	10/100/1000 Mbps speed auto-negotiation;Full & Half Duplex

PoE

PoE Function	IEEE 802.3af/at (15.4/30 Watt)

Power

Power Input	Redundant Power Input, Terminal Block
Input Voltage Range	44~56 VDC
Reserve power protection	YES
Power Consumption	5.76W@48 VDC (Without PD load)

Indicators

Power status indication	Power Input status
Ethernet port indication	Line & 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) (without DIN rail clip)
Weight	320g
Installation	DIN-Rail mounting; Wall mounting
Relay Output Alarm	1A, 24VDC, Normal Open

Dimension Diagram

Ordering information

Available Models	Description	Gigabit Ethernet Port	
		10/100/1000BaseT(X)	100/1000BaseSFP
IS-DG308P-4	Industrial 5 port Gigabit Layer 2 unmanaged PoE Switch, 4 PoE	8	
IS-DG308P-8	Industrial 5 port Gigabit Layer 2 unmanaged PoE Switch, 8 PoE	8	

Accessories