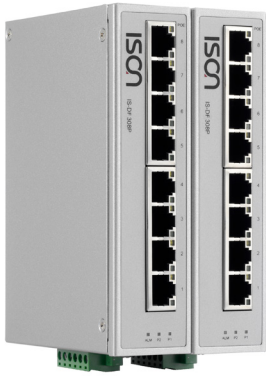# IS-DF308P Series

8-port 10/100Mb unmanaged Layer 2 Industrial PoE Switch

The IS-DF308P Series 10/100Mb unmanaged 8-port Ethernet switch are equipped with either 4 or 8 IEEE 802.3af/at PoE ports for easy to use and plug-n-play applications. The cost effective IS-DF308P 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-DF308P Series unmanaged switches are especially good for Building automation, CCTV, ITS and security/safety related applications.

Key features

► Provide 8 10/100Mb Copper ports with 4 / 8 PoE/PoE+

► IEEE 802.3x flow control & back-pressure

► Layer 2 Line-Speed Switching Fabric, non-blocking

► Fan-Less design with wide-temperature range (-40~75ºC)

► Redundant power input 46~57 VDC

► Reserve 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
Backplane / Switching Fabric	1.6Gbps

RJ45 Copper ports

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

Protocols & Standards

IEEE 802.3 , IEEE 802.3x, Flow Control, Back Pressure, TCP/UDP, IEEE802.3af/at

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

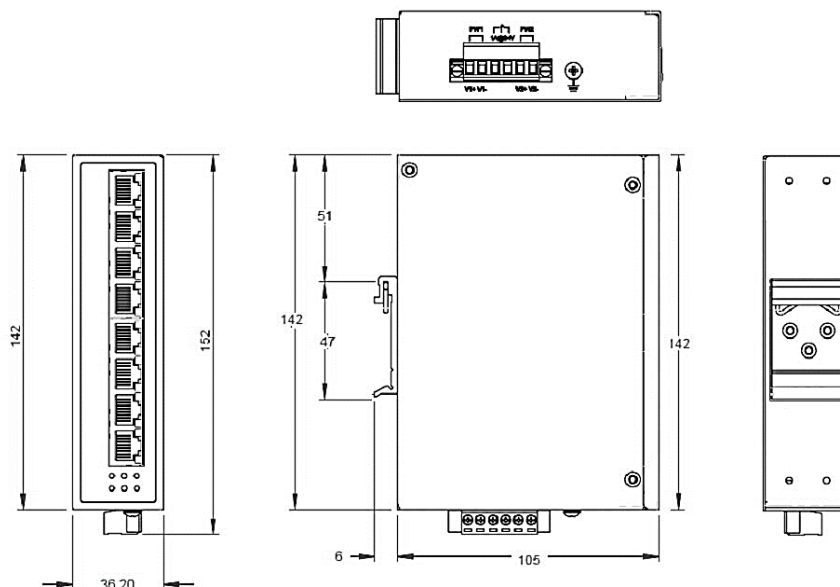|	
Power status indication	Power Input status
Ethernet port indication	Link & speed

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-60068-2-6, -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	>25 years

Mechanical

Protection	IP30
Dimension	142mmx36.2mmx105mm (LxWxD)
Weight	320 g
Installation	DIN-Rail mounting; Wall mounting
Relay Output	1A, 24V, Normal Open

Dimension Diagram

Ordering Information

Available Models	Description	10/100Mb TX	PoE/PoE+
IS-DF308P-4	Industrial 8 port 10/100 Mb Layer 2 unmanaged Ethernet Switch ,4 PoE af/at	8	4
IS-DF308P-8	Industrial 8 port 10/100 Mb Layer 2 unmanaged Ethernet Switch ,8 PoE af/at	8	8

Accessories

1. IS-RK2U 19" rack mount kit
2. IS-RK4U 19" rack mount kit

Package Checklist

- IS-DF308P Switch
- Quick Installation Guide (Printed)
- Wall Mount kit /Din-Rail kit