

IS-DF306P Series

6 10/100Mb ports unmanaged Layer 2 Industrial PoE Switch



ISON IS-DF306P series are 10/100 Mb unmanaged Ethernet Switches that providing 6 10/100Mb ports, w/ 4 PoE ports IEEE 802.3af/at PoE ports,. It' s fulfill easy touse, plug&play applications. With easy to use, cost effective unmanaged switch, user can easily use in factory production line or embedded into machine system. Also, IS-DF306P is especially suitable for CCTV, Factory automation, and builing automation applications.



Key Features

- > Provide 5 / 4 10/100Mb copper ports with 1 / 2 100 SFP ports (1 Combo)
- > Support up to 4 port IEEE 802.3af/at ports (15.4/30Watt)
- > IEEE 802.3x flow control & back-pressure
- > Layer 2 wire-speed switching engine
- > Fan-Less design with wide-temperature range (-40~75°C)
- > Redundant power input (12~56 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
Packet Buffer	1 Mbits

Copper RJ45 Ports

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

SFP (pluggable) Ports

Port Types supported	100 Base SFP Slot
Filter port connector	LC/RJ45 connector for fiber ports
Optimal fiber cable	Typical 50 or 62.5/125 μm for multimode (mm) Typical 8 or 9/125 μm for single mode (sm)

Features

PoE Function	IEEE 802.3af/at (15.4/30 Watt)
DIP switch	Combo port control

Power

Power Input	Redundant Power Input, Terminal Block
Input Voltage Range	12/24/48 VDC (12~56VDC)
Reserve power protection	YES
Power Consumption	5.76W@12/24/48 VDC full load(Without PD load)

Indicators

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

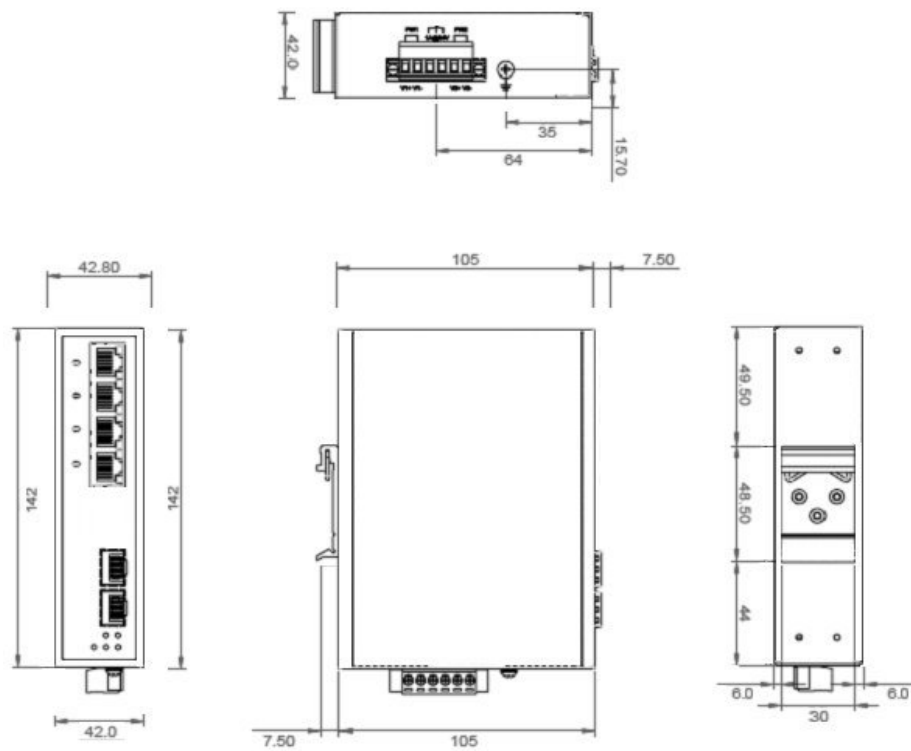
Environmental and Compliances

Operating Temperature	-40~75°C (Cold startup at -40°C)
Storage Temperature	-40~85°C
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	142mmx43mmx105mm (LxWxD) (without DIN rail clip)
Weight	295g
Installation	DIN-Rail mounting; Wall mounting
Relay Output Alarm	1A, 24VDC, Normal Open

Dimension Diagram



Ordering information

Available Models	Description	100Mb port	
		100Mb TX port	100Mb FX port
IS-DF306P-2F-4	6 port 10/100Mb Layer 2 unmanaged PoE Switch, 4 PoE, 1 combo	4	2
IS-DF306P-F-4	6 port 10/100 Mb Layer 2 unmanaged PoE Switch, 4 PoE, 1 combo	5	1

Accessories

- SFP Modules