



Model

# IF 1005P

5-Port Gigabit Industrial  
POE+ Switch



[Datasheet](#)



## Description

Industrial PoE switch, 4 Port 10/100Mbps PoE ports + 1 port ethernet uplink , for connecting with devices like computer, switch, hub, server, etc, as well as powering network camera, industrial VoIP phone, wireless AP and other PoE supported devices. Specially designed for harsh outdoor applications. Its 6KV network port surge protection can adapt to harsh outdoor environment and ensure the reliability of the uninterrupted PoE system. Power input also chooses industry-standard types of power.

## Features

- 5-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/MDI-X function
- 4-Port PoE, 802.3at/af support, 30W max. each port  
48V to 57V DC, redundant power input
- -40°C to 85°C operating temperature
- IP40 aluminum housing
- Supports 6KV DC Ethernet ESD protection
- Supports 6KV DC EFT protection for power line
- Free Fall, Shock and Vibration Stability
- DIN-rail and wall-mountable hardware design

## Specifications

<b>Model No.</b>	IF1005P
<b>10/100BASE-TX Port</b>	5 port RJ-45 auto-MDI / MDI-X
<b>PoE Specification</b>	PoE Standard: IEEE802.3af/ IEEE802.3at PoE ports:1-4 port support PoE Power Output: Max. 15.4 watts (IEEE 802.3af) Max. 30 watts (IEEE 802.3at) PoE port Auto detect AF/AT devices Output Voltage: DC48V Power Pin Assignment:1/2+;3/6- Power Type: End-span( Mid-span optional)
<b>Performance Specification</b>	Bandwidth: 1.6Gbps Packet Buffer Memory:1Mbit Packet Forwarding Rate:1.2Mpps MAC Address Table: 2K
<b>Installation</b>	DIN rail
<b>Maximum Frame Size</b>	9000bytes packet size
<b>Flow Control</b>	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
<b>Enclosure</b>	IP40 aluminum housing
<b>LED Indicator</b>	Power: Red Ethernet: Yellow POE: Green
<b>Power Input</b>	48 to 57V DC
<b>Surge protection</b>	±4KV

# Dimensions

<b>Network Protocols</b>	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u;100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x;
<b>Network cables</b>	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or later UTP(≤10meter) 1000BASE-TX: Cat6 or later UTP(≤100 meter)
<b>MTBF</b>	>300,000hours
<b>Dimensions (W x D x H)</b>	118 x 86 x 33.5 mm
<b>Weight</b>	Product Weight: 0.36KG Packing Weight: 0.46KG
<b>Working Environment</b>	Working temperature: -40~85°C ; Storage temperature: -40~85°C Relative Humidity: 5%~95 %( no condensation)

