

**BEWARD**

**Indudstrial**

# **Gigabit Ethernet Switch**

**user's manual**

---

**STP-0402**

## Product Introduction

The STP-0402 is a hardened 6-port full Gigabit Ethernet Switch with 4-port 10/100/1000Mbps RJ45 Connectors, plus 2-port uplink SFP Connector for 1000Mbps. The STP-0402 also features 3 independent power inputs, which support DC12V ~ 57V. This STP-0402 industrial grade switch can support with operating temperature ranging from -40°C to +80°C, and withstand in harsh working environments.

### Product characteristics

- Lightning protection up to 6KV
- ESD static protection up to 8KV
- Support industrial grade working temperature: -40°C~80°C
- Support industrial grade working humidity: 10%~90% RH without condensation

## Product display and description

STP-0402, 4\*10/100/1000Mbps RJ45 + 2\*1000M SFP

Front



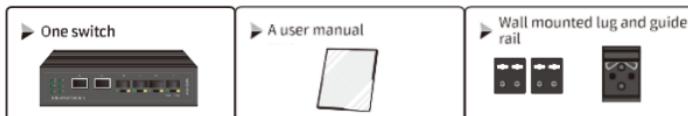
Side



### LED Indicator Definitions

Front Indicators	Status	Descriptions
Power Indictor: <b>PWR</b>	On	Power on
	Off	Power off
Main power indicator: <b>P1</b>	On	V1 Main power on
	Off	V1 Main power off
Slave power indicator: <b>P2</b>	On	V2 Slave power on
	Off	V2 Slave power off
DC power indicator: <b>EX</b>	On	IN DC power on
	Off	IN DC power off
Network Port Indicators 1~4	Green on	The corresponding port link at 10/100Mbps speed
	Green+Orange on	The corresponding port link at 1000Mbps speed

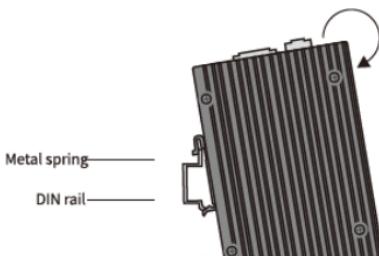
## Product supporting list



## DIN rail and wall mounting

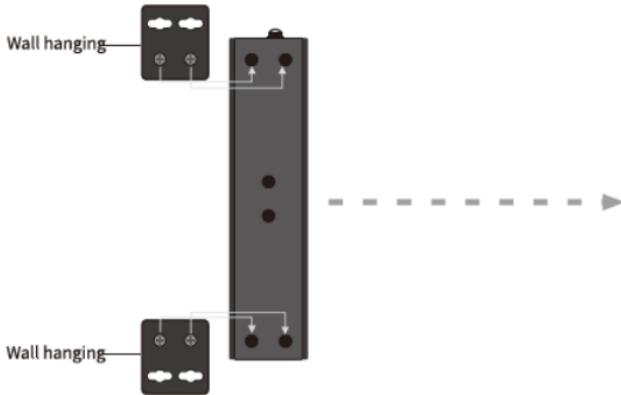
### DIN rail mounting

- ① Insert the top of the DIN rail into the notch under the rigid metal spring.

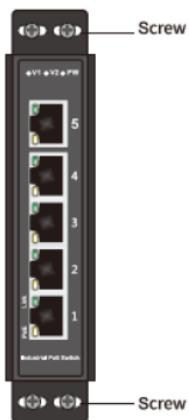


### Wall mounted installation

- ① Install the wall mounted panel on the switch



- ② Fix the switch vertically to the wall with screws



## Product parameters

Model	STP-0402 6-Port Full Gigabit Ethernet Switch
Ethernet Port	4*10/100/1000M RJ45 2*1000M SFP
Bandwidth	12Gbps
Packet Forwarding Rate	8.93Mpps
MAC Address Table	1K byte
Buffer Memory	2M byte
Twisted pair transmission	10 Mbps: Cat3,4,5 UTP (250 meters), 100 Mbps: Cat5e or later UTP (100 meters), RJ45 1000 Mbps: Cat6 or later UTP (100 meters), SFP 1000Mbps: Supports single mode / multi-mode optical modules, with a maximum distance of 120km (depending on the optical module)
LED indicator	PWR: Power indicator light Port Green on: 10/100Mbps Ethernet connection; Green+Orange on: 1000Mbps Ethernet connection 5-6: Fiber optic connection indicator on P1: V1 Main power indicator on P2: V2 Slave power indicator on EX: IN DC power indicator on
Power	3 sets of independent power inputs for STP-0402: DC 12V-57V
Power Consumption	5W
Degree of protection	6KV 8/20us; 8KV ESD; IP30
Operating Temperature / Humidity	-40~+80°C; 10%~90% RH No condensation
Storage Temperature /humidity	-40~+85°C; 5%~95% RH No condensation
Product/ package size(L*W*H)	156mm*113mm*44mm / 235mm*165mm*78mm
Net weight / Gross weight (kg)	0.9kg / 1.1kg
Installation method	DIN rail type (wall mounted lugs are also included)