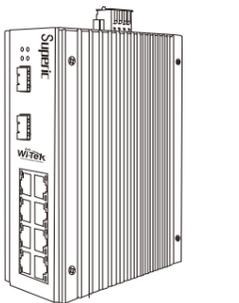


## 1.Package Contents



1 x Switch

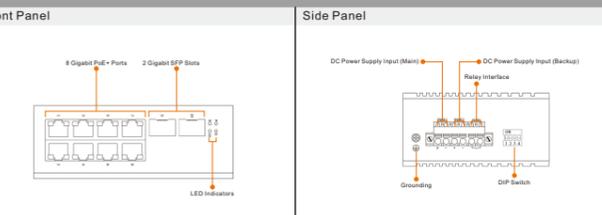


1 x Installation Guide

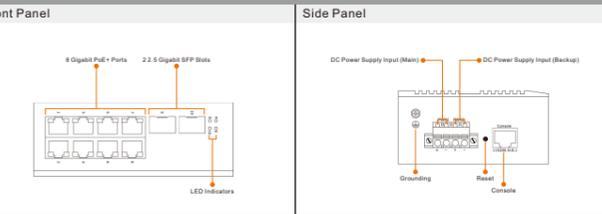
## 2.Hardware Introduction

### 2.1 Panel

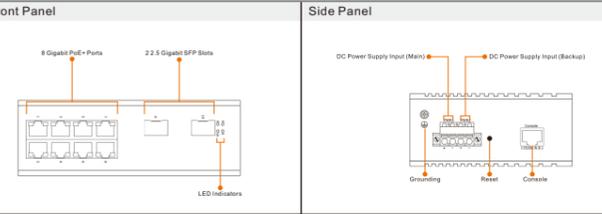
SP3006F, SP3010F (The following picture takes the SP3010F as an example.)



SP3006FM, SP3010FM (The following picture takes the SP3010FM as an example.)



SP3006FM-L2, SP3010FM-L2 (The following picture takes the SP3010FM-L2 as an example.)

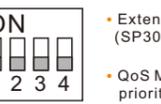


### 2.2 LED Indicators

LED Indicators	Description
P ●	Power indicator Off: the device is power off or failed Green On: the device power on is normal
S ●	System status indicator Blinking: device initialization On: device on and normal operation
S ● (SP3006F/SP3010F)	PoE Usage indicator Off: total PoE usage < 50% Red blinking: 50% < total PoE usage < 90% Red on: total PoE usage ≥ 90%
PoE Link/ACT	Link/ACT Off: ports link down On: ports link up Blinking: data on TX/RX
5 ●	Fiber ports indicators Off: ports link down Green On: ports link up Green Blinking: data on TX/RX
6 ●	
9 ●	
10 ●	

### 2.3 Button and Interface

#### Smart DIP Switch



- VLAN Mode: All downlink ports are isolated from each other, but can communicate with uplink ports.
- Extend Mode: The transmission distance of port 1-2 (SP3006F) / 1-4 (SP3010F) can be up to 250m, but the rate is limited to 10Mbps.
- QoS Mode: Port 1-2 (SP3006F) / 1-4 (SP3010F) are on high data transmit priority.
- PoE Watchdog Mode: All PoE ports enable PoE watchdog function, which can detect and reboot the offline compliant PoE powered devices.

Note: Only for SP3006F, SP3010F

### Reset Button

By pressing the button over 5s, the switch will be restored to the original factory default setting. The device contains a serial RS-232 interface as the console port for local management interface. For the console port, a standard RJ-45 connector is used. Use a RS-232 cable (Sub-D9 to RJ-45) to connect the console port with the COM port of a PC.

Note: Only for SP3006FM, SP3010FM, SP3006FM-L2, SP3010FM-L2.

### Console Interface

Default configuration:

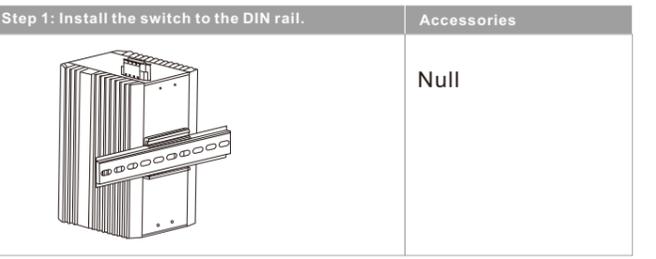
Data	Default value
Transfer rate	115200 bit/s
Flow control mode	Not support
Test mode	Not support
Stop bits	1
Data bits	8

### Grounding

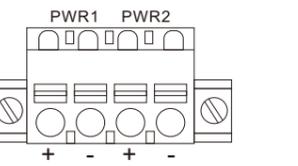
- For better protection performance, it is recommended as follows.
- Do not damage the ground conductor or operate the device in the absence of well installed ground conductor. Conduct the appropriate electrical inspection.
  - When operating the unit, always make the ground connection first and disconnect it at the end.

## 3.DIN-rail Installation

### Please follow the steps below.



## 4.DC Power Cable Connection



This switch can work with 44~57V DC power, the DC power connection processes are as follows.

- Before installation, ensure that the device is disconnected from the power supply.
- Connect one end of the protective grounding cable to the grounding screw on the side panel of the device, and the other end is well grounded nearby.
- Connect the positive and negative wires of DC power separately to the "+" and "-" power terminal of 44~57V power 1 or 44~57V power 2 on the switch as following figure, using screw driver to screw stably.
- The redundant power can be both connected with the DC power, so that one power supply can still work in case the other one fails.
- Turn on the DC power, and check if power supply indicator of power 1 or power 2 turns on, which means the main power (Power 1) or backup power (Power 2) is connected correctly.

## 5.Login WEB UI

For more L2/ Easy smart management functions, please login the Web-Based UI as the following steps:

- Step 1.** Find the IP address of the switch.
- The default login IP address of this series switch is 192.168.0.1, with a subnet mask of 255.255.255.0.
  - If the switch receive an IP address from a DHCP server in your network. You can find this IP address on the DHCP server.
- Step 2.** Configure IP address on your PC to make sure the switch and PC are in the same subnet.
- If the switch uses the static IP address of 192.168.0.1, configure your PC's IP address as 192.168.0.x ("x" ranges from 2 to 254), and subnet mask as 255.255.255.0.
  - If the switch uses an IP address assigned by a DHCP server, set your PC to obtain an IP address automatically from the DHCP server.

**Step 3.** Launch a web browser on your PC. Enter the IP address of the switch in the address bar and fill in the username and password.

The default login username and password are both "admin".

## Warranty Card

Username	
Address	
Telephone No.	
Purchase Shop	
Purchase Address	
Product Model No.	
Purchase Time	
Serial No.	
Dealer Signature	

- If the product defects within three months after purchase, we will provide you a new product of the same model.
- If the product defects within the three-year warranty period, we will provide the professional maintenance service.
- Proof of purchase and a complete product serial number are required to receive any services guaranteed as part of the limited warranty.
- Any other defects that are not caused by workmanship or product quality, such as natural disaster, water damage, extreme thermal or environmental conditions, sticker damaged, warranty card losing will disqualify the product from limited warranty.



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