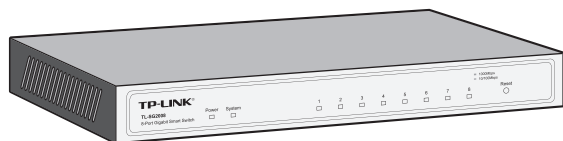


Installation Guide

8-Port Gigabit Smart Switch

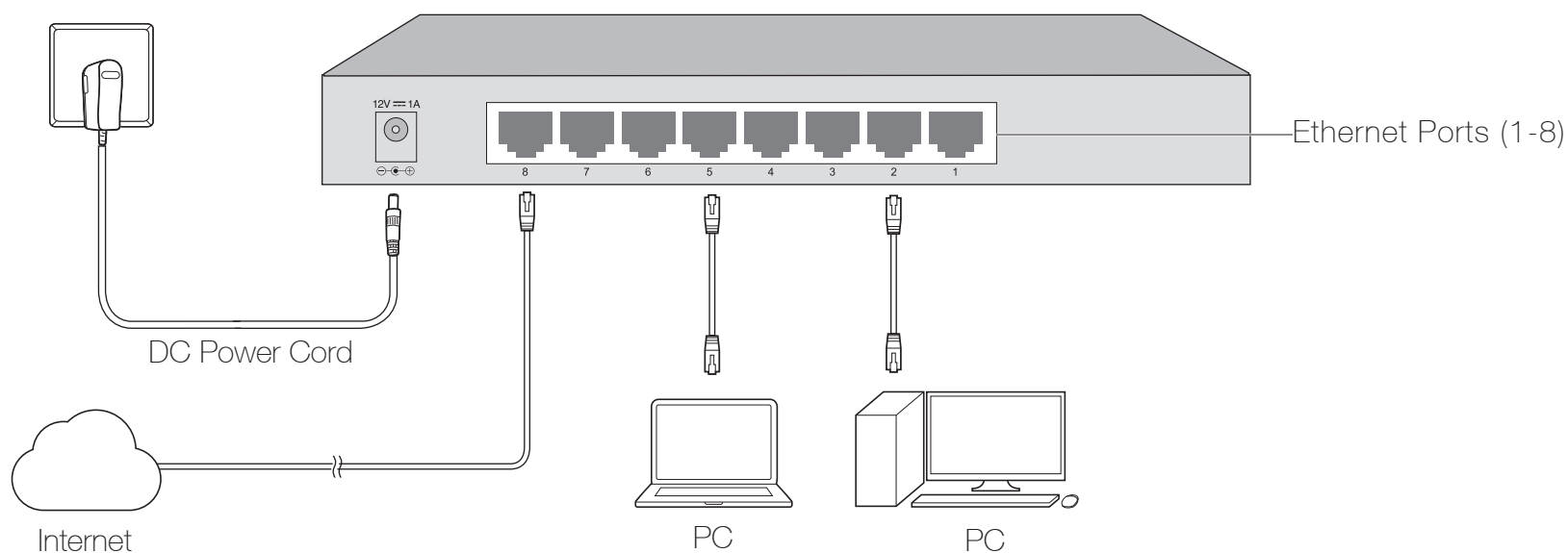
TL-SG2008



7106504849 REV2.0.0

For more information, please visit our website: <http://www.tp-link.com>

Connection



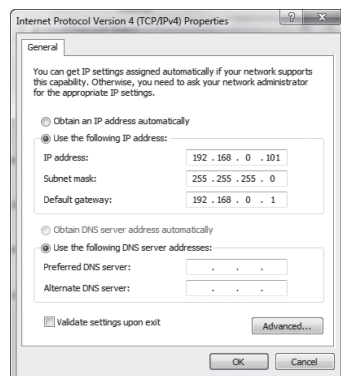
Configuration

1. To access the GUI of the switch, open a browser and type the default management address <http://192.168.0.1> in the address field of the browser, then press the Enter key.



Note:

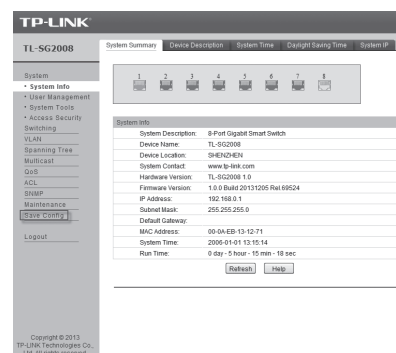
To log in to the switch, the IP address of your PC should be set in the same subnet as that of the switch. The IP address is 192.168.0.x ("x" is any number from 2 to 254). Subnet Mask is 255.255.255.0. For details, please refer to Appendix B in the User Guide on the resource CD.



2. Enter admin for both the User Name and Password in the lower case letters. Then click the Login button or press the Enter key.



3. After a successful login, the main page will appear as follows, and you can click the menu on the left side to configure the corresponding functions.



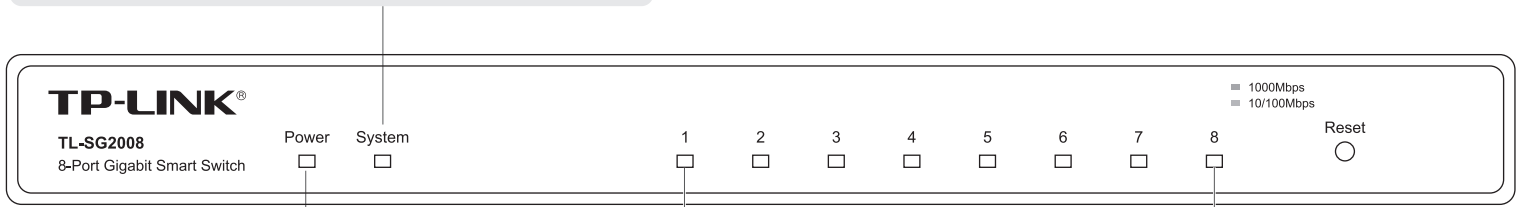
Note:

For more details about how to configure the switch, see the User Guide on the resource CD.

LED Explanation

System

Flashing: System Running Normally
On/Off: System Running Abnormally



Power

On: Power on
Off: Power off

Link/Act (port 1-8)

On(Green): Connected to a 1000Mbps device
On(Yellow): Connected to a 10/100Mbps device
Flashing: Transmitting/receiving data

Frequently Asked Questions (FAQ)

Q1. The Power LED is not lit

The Power LED should be lit when the power system is working normally. If the Power LED is not lit, please check as follows:

A1: Make sure the DC power cord is connected to the switch with power source properly.

A2: Make sure the voltage of the power supply meets the requirements of the input voltage of the switch.

A3: Make sure the power source is ON.

Q2. The Link/Act LED is not lit when a device is connected to the corresponding port

It is recommended that you check the following items:

A1: Make sure that the cable connectors are firmly plugged into the switch and the device.

A2: Make sure the connected device is turned on and works normally.

A3: The cable must be less than 100 meters long (328 feet).

Environmental and Physical Specifications

Operating Temperature	0°C~40°C (32°F~104°F)
Storage Temperature	-40°C~70°C (-40°F~158°F)
Operating Humidity	10%~90% non-condensing
Storage Humidity	5%~90% non-condensing

SAFETY NOTICES

⚠ Cautions

Do not use this product near water, for example, in a wet basement or near a swimming pool. Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

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CE Mark Warning

This is a class A product. In a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.



General Specifications

Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3ad, IEEE802.3x, IEEE802.1p, IEEE802.1q, IEEE802.1d, IEEE802.1s, IEEE802.1w
Protocol	CSMA/CD
Data Transfer Rate	Ethernet: 100Mbps (Half Duplex) 20Mbps (Full Duplex) Fast Ethernet: 100Mbps (Half Duplex) 200Mbps (Full Duplex) Gigabit Ethernet: 2000Mbps (Full Duplex)
Network Media(Cable)	10Base-T: UTP category 3, 4, 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 100Base-TX: UTP category 5, 5e cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m) 1000Base-T: UTP category 5 cable (maximum 100m) EIA/TIA-568 100Ω STP (maximum 100m)
Number of Ports	8 10/100/1000Mbps Auto-Negotiation RJ45 ports
LED indicators	Power, System, Link/Act LEDs
Transfer Method	Store and Forward
MAC Address Learning	Automatically learning, automatically aging
Frame Filter Rate	10Base-T: 14881pps/Port 100Base-Tx: 148810pps/Port 1000Base-T: 1488095pps/Port
Frame Forward Rate	10Base-T: 14881pps/Port 100Base-Tx: 148810pps/Port 1000Base-T: 1488095pps/Port

FCC STATEMENT

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own

expense. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
1) This device may not cause harmful interference.
2) This device must accept any interference received, including interference that may cause undesired operation. Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.