

Installation Guide

Festa Smart Switch

*Images may differ from your actual product.

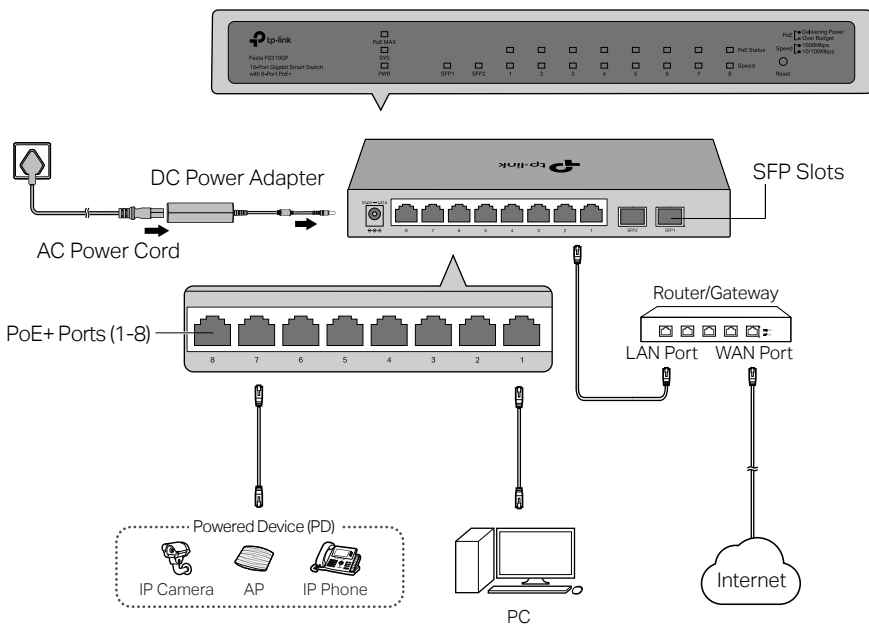
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LED Explanation

| LED | Explanation |
|---|--|
| PWR | On/Off: Power on/off |
| SYS | Blinking: System running normally On/Off: System running abnormally |
| Speed | On (Green): Running at 1000 Mbps On (Yellow): Running at 10/100 Mbps Blinking: Transmitting/receiving data Off: No connected device |
| SFP1/SFP2 (For Festa FS310GP only) | Green/Yellow On: Running at 1000/100 Mbps Blinking: Transmitting/receiving data Off: No connected device |
| PoE Status (For Port 1-4 of Festa FS308GP /Port 1-8 of Festa FS310GP) | On: Providing PoE power Blinking: Current-overload/Short-circuit/Connected to a non-standard PD/Power exceeded the user-defined value Off: Not providing PoE Power |
| PoE Max (For Festa FS308GP/ Festa FS310GP) | On: Remaining power supply ≤ 7 W Blinking: Remaining power supply keeps ≤ 7 W for more than 2 minutes Off: Remaining power supply keeps > 7 W |

Connection for PoE Switch

For simplicity, we will take Festa FS310GP for example throughout the Guide.

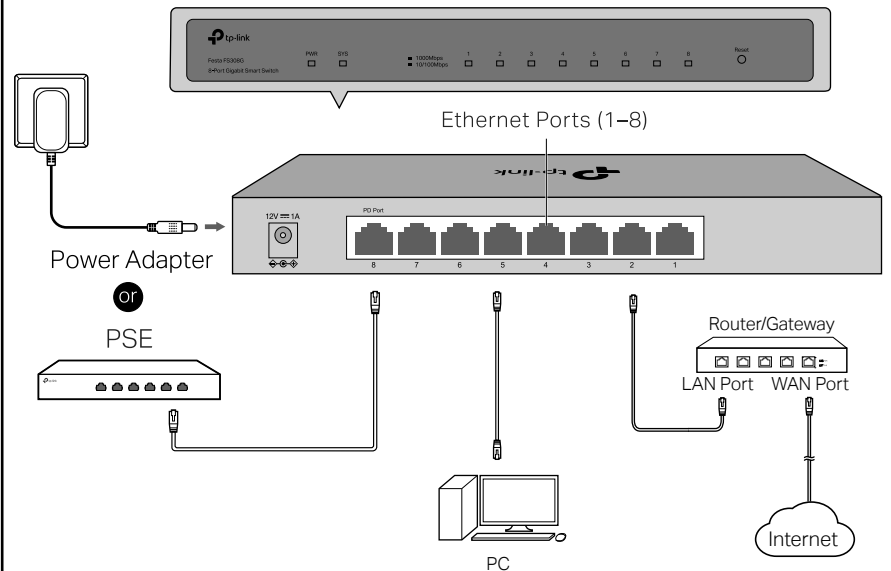


Note:

1. The PoE ports can also connect to non-PoE devices, but only transmit data.
2. The PoE ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.
3. Maximum PoE power is 30 W for each PoE port, and total PoE budget is 62 W (for Festa FS308GP) / 61 W (for Festa FS310GP) respectively.
4. PoE budget calculations are based on laboratory testing. Actual PoE power budget is not guaranteed and will vary as a result of client limitations and environmental factors.

Connection for Non-PoE Switch

For simplicity, we will take Festa FS308G for example throughout the Guide.



Note:

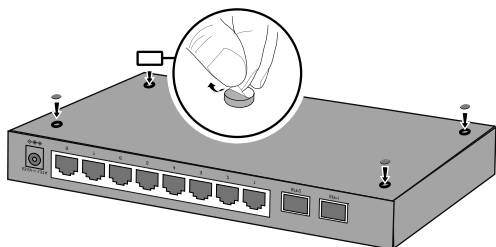
1. Port 8 is a PD (Powered Device) port. When powered through port 8, the switch can only be powered by power supplies that comply with the 802.3af/at standard and Power Source Class 2 (PS2) or Limited Power Source (LPS) defined in the standard of IEC 62368-1.
2. The DC power input takes precedence over the PD port. If the DC input fails, the PoE input on the PD port will supply power instead.

Installation

Note: For simplicity, we will take Festa FS310GP for example.

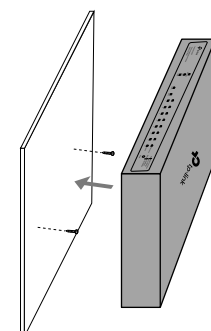
Desktop:

Attach the supplied feet to the bottom of the switch to prevent it from slipping when placed on a desktop.



Wall-mounting:

Drill two holes on the wall according to the mounting holes on the bottom of the switch, then secure the switch to the wall with two suitable screws (not provided).

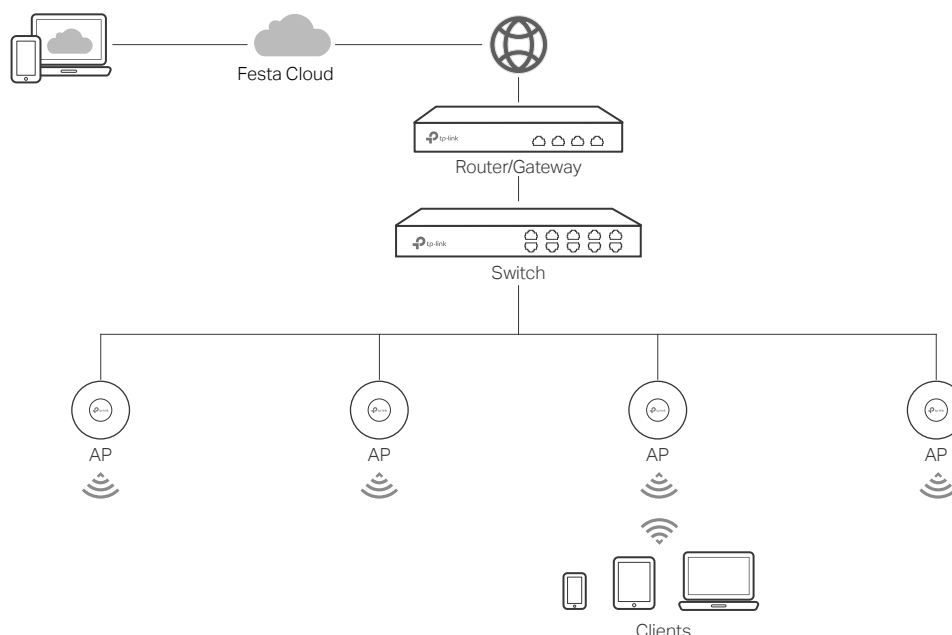


Note:

For detailed information, please refer to the Wall Mounting Guide on the device's support page.

Configuration

You can easily configure and manage Festa Smart Switches via the Festa Cloud-Based Controller.



Option 1: Via a Web Browser

1. Make sure that your devices can access the internet.
2. Launch a web browser and enter <https://festa.tplinkcloud.com> in the address bar. Log in with your TP-Link ID.

<https://festa.tplinkcloud.com>

3. Click **+ Add Controller**, then you will see you have successfully registered for a Cloud-Based Controller and the controller has been added to the controller list.
4. Click **Set Up Now**, click **Config New Setup** and follow the step-by-step instructions to complete the configuration wizard of the controller.
5. On the controller's management page, go to **Devices**, and click **+ Add Devices** and follow the step-by-step instructions to adopt your devices.

Now you can configure and manage your devices on the controller.

Note:

- Before you start, be sure to power up and connect your devices according to the topology figure.
- A DHCP server (typically a router with DHCP function enabled) is required to assign IP addresses to the devices and clients in your local network.

Option 2: Via Festa App

1. Download and install the Festa App from App Store or Google Play.



2. Launch the Festa App and log in with your TP-Link ID.
3. Tap **+** on the upper right corner, then you will see you have successfully registered for a Cloud-Based Controller and the controller has been added to the controller list.
4. Tap **Confirm**, tap **Let's Get Started** and follow the step-by-step instructions to complete the configuration wizard of the controller.
5. On the controller's management page, go to **Devices**, and click **+** on the upper right corner, and follow the step-by-step instructions to adopt your devices.

Now you can configure and manage your devices via the Festa App.

Note:

- For detailed configurations, refer to the User Guide of the controller. The guide can be found on the download center of our official website: <https://www.tp-link.com/support/download/?type=smb>.
- Festa devices also support basic troubleshooting in the Standalone Mode. For troubleshooting instructions, please refer to the FAQ on our official website: <https://www.tp-link.com/support/faq/3910/>.

EU declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of directives 2014/30/EU, 2014/35/EU, 2011/65/EU and (EU)2015/863.

The original EU declaration of conformity may be found at <https://www.tp-link.com/en/support/ce/>

UK declaration of conformity

TP-Link hereby declares that the device is in compliance with the essential requirements and other relevant provisions of the Electromagnetic Compatibility Regulations 2016 and Electrical Equipment (Safety) Regulations 2016.

The original UK declaration of conformity may be found at <https://www.tp-link.com/support/ukca/>

Some models featured in this guide may be unavailable in your country or region. For local sales information, visit <https://www.tp-link.com/business-networking/>.



Safety Information

- Keep the device away from water, fire, humidity or hot environments.
- Do not attempt to disassemble, repair, or modify the device. If you need service, please contact us.
- Do not use damaged charger or USB cable to charge the device.
- Do not use any other chargers than those recommended.
- Adapter shall be installed near the equipment and shall be easily accessible.
- Plug the product into the wall outlets with earthing connection through the power supply cord.
- The working temperature for the device shall be within 0-40 °C.
- Place the device with its bottom surface downward.
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible. (Not for Festa FS308G)
- The socket-outlet shall be installed near the equipment and shall be easily accessible. (Not for Festa FS308G)



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For technical support and other information, please visit <https://www.tp-link.com/support/?type=smb>, or simply scan the QR code.

