

Installation Guide

Omada Access Switch

The images in this guide are for demonstration only and may differ from your actual product.



For more information, go to the Documents center by scanning the QR code or visiting <https://support.omadanetworks.com/document/>.

LED Explanation

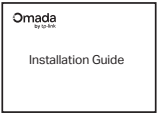
LED	Explanation
PWR	On/Off: Power on/off
SYS	Blinking: System running normally On/Off: System running abnormally
Speed (For SG2210XMP-M2)	On (Green): Running at 2.5 Gbps On (Yellow): Running at 1000/100/10 Mbps Blinking: Transmitting/receiving data Off: No connected device
Link/Act (For SG2206MP) Speed (For SG2008 / SG2008P / SG2210P / SG2016P)	On (Green): Running at 1000 Mbps On (Yellow): Running at 100/10 Mbps Blinking: Transmitting/receiving data Off: No connected device
SFP+ (For Ports 9-10 of SG2210XMP-M2)	On (Green): Running at 10 Gbps On (Yellow): Running at 1 Gbps Blinking: Transmitting/receiving data Off: No connected device
SFP (For Port 6 of SG2206MP) SFP1, SFP2 (For SG2210P)	On (Green): Running at 1000 Mbps On (Yellow): Running at 100 Mbps Blinking: Transmitting / receiving data Off: No connected device
PoE (For Ports 1-4 of SG2008P / SG2206MP / Ports 1-8 of SG2210P / SG2210XMP-M2 / SG2016P)	On: Providing PoE power Blinking: Current-overload / Short-circuit / Connected to a non-standard PD / Power exceeded the user-defined value Off: No PD device or PoE Power not provided
PoE Max	On: Remaining power supply $\leq 7\text{ W}$ Blinking: Remaining power supply $\leq 7\text{ W}$ for more than 2 minutes Off: Remaining power supply $> 7\text{ W}$

Package Contents

Note:
1. The package contents may vary by region and model.
2. For some models, the rubber feet have already been attached to the bottom of the switch.



Switch



Installation Guide



Rubber Feet

For PoE Switch:



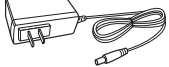
DC Power Adapter

+



AC Power Cord

For Non-PoE Switch:

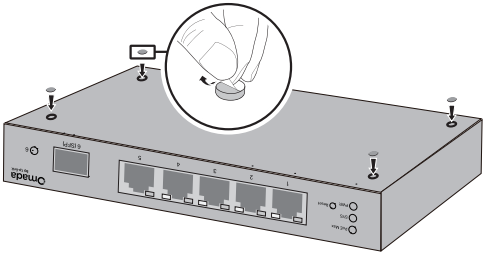


DC Power Adapter

Installation

Option 1: Desktop Installation

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

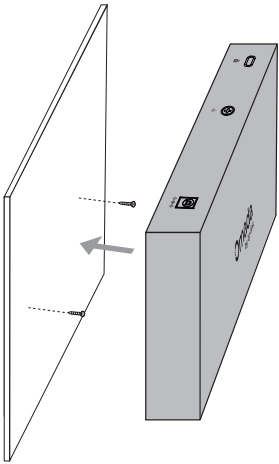


Note:

1. Avoid placing the switch on top of another and use the rubber feet to ensure enough clearance for air circulation.
2. For some models, the rubber feet have already been attached to the bottom of the switch.

Option 2: Wall-Mounting Installation

Drill two holes in the wall aligned with the switch's mounting holes, then secure it using two appropriate screws (not provided).



Note:

Ensure enough clearance between the switch and the wall for air circulation. For detailed information, refer to the Wall Mounting Guide at <https://support.omadanetworks.com/document/901/>.

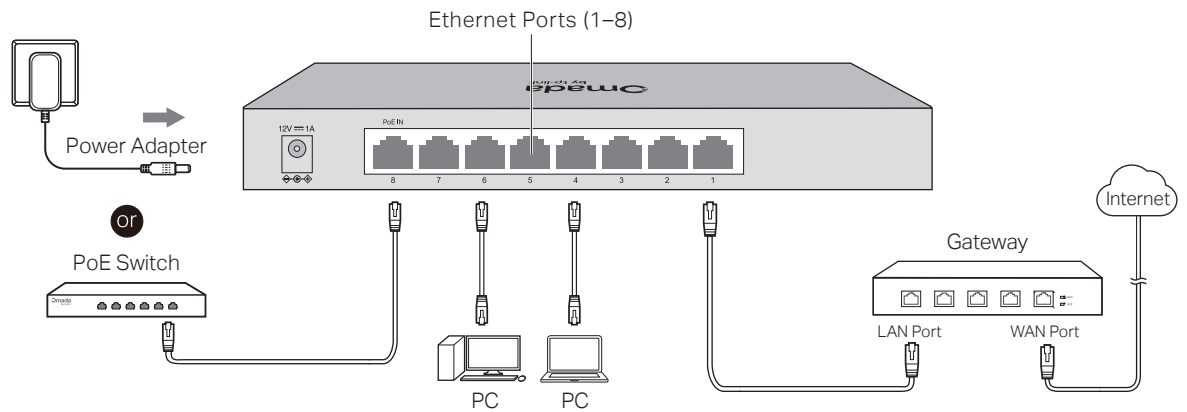
Connection

Connection for Non-PoE Switch

Note: For simplicity, we will use SG2008 as an example.

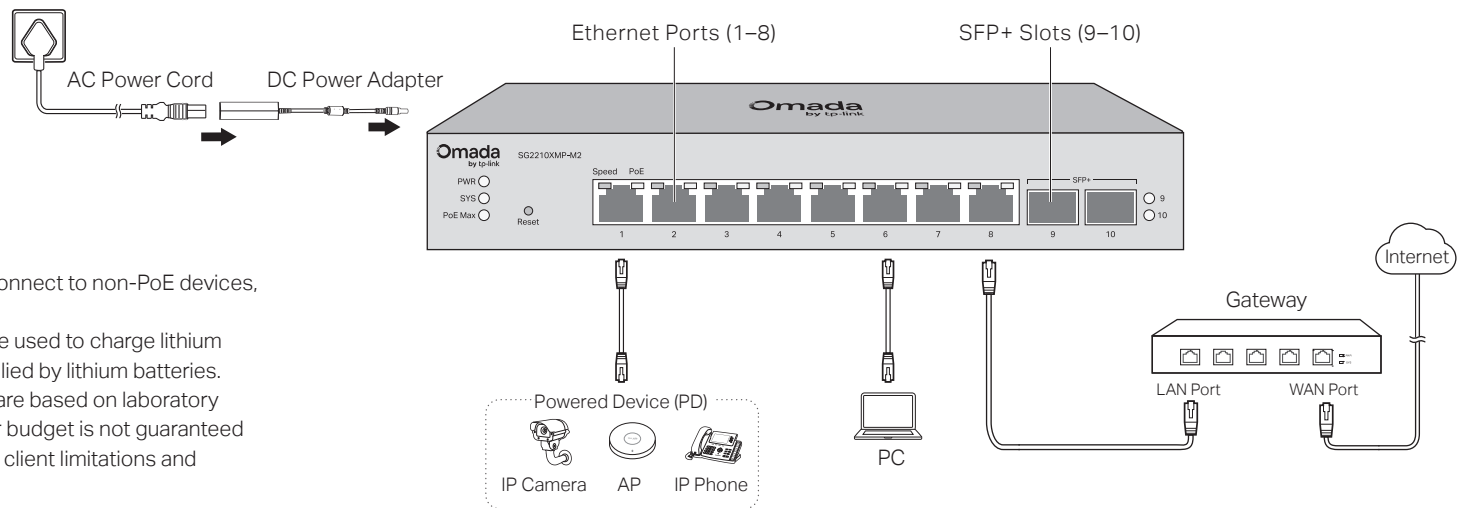
Note:

1. Port 8 of SG2008 is a PoE IN port. When powered through the PoE IN port, 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 PoE input. If the DC input fails, the PoE input on the PoE IN port will supply power instead.



Connection for PoE Switch

Note: For simplicity, we will use SG2210XMP-M2 as an example.



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. 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.

Configuration

The switch supports two configuration methods:

- **Standalone Mode**

Configure and manage the switch individually.

To set up a standalone Omada switch, scan the QR code or refer to <https://www.omadanetworks.com/support/faq/4097/>.



Scan for Standalone Configuration Guide

- **Controller Mode**

Configure and manage the network devices centrally.

This mode is recommended for large-scale networks with numerous devices, including access points, switches, and gateways.

To set up an Omada switch with an Omada Controller, scan the QR code or refer to the Omada Controller configuration guide at <https://www.omadanetworks.com/support/faq/4096/>.



Scan for Controller Configuration Guide

Omada App

With the TP-Link Omada app, you can access and manage your Omada devices at a local site or remotely with a tap of your phone. You can download and install the TP-Link Omada app from the App Store or Google Play.



Scan for Omada App



Download Omada App

For detailed instructions on device configuration, refer to the user guides of the Controller and switches. The guides can be found in the Documents center of our official website: <https://support.omadanetworks.com/document/>.

More Resources

Main Site	https://www.omadanetworks.com
Video Center	https://support.omadanetworks.com/video
Documents	https://support.omadanetworks.com/document
Product Support	https://support.omadanetworks.com/product
Technical Support	https://support.omadanetworks.com/contact-support

EU declaration of conformity

TP-Link hereby declares that the switch 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 switch 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/>



Warranty

For details on the warranty period, policy, and procedures, visit <https://support.omadanetworks.com/warranty-services>.

Support

For technical support, user guides and other information, please visit <https://support.omadanetworks.com/>, or simply scan the QR code.



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.
- Use only power supplies which are provided by manufacturer and in the origin packing of this product. If you have any questions, please don't hesitate to contact us.
- Place the device with its bottom surface downward.
- The PoE ports shall not be used to charge lithium batteries or devices supplied by lithium batteries.
- The socket-outlet 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. (Not for SG2008)
- The plug on the power supply cord is used as the disconnect device, the socket-outlet shall be easily accessible. (Not for SG2008)
- Use only power supplies listed in the user instructions. Refer to the User Manual on the product support page. (For SG2008)