

Quick Installation Guide

L2 Managed Switch
G3328F/G3350F

Package contents

- Switch x 1
- Power cord x 1
- Footpad x 4
- Screw (KM3*8 mm) x 8
- Console cable x 1 (only for G3328F)
- Quick installation guide x 1

This guide instructs how to install, connect and manage the device. For details, please visit www.ip-com.com on the download the user guide of the device.

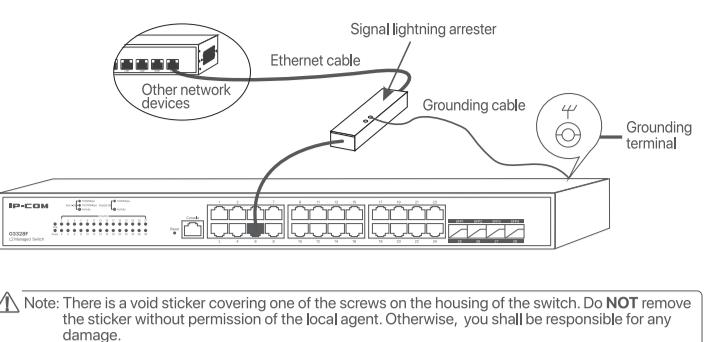
G3328F is used for illustration in this guide unless otherwise specified.

1 Install the device

1.1 Safety precautions

Before performing an operation, please read the instructions and take the following actions to be taken, and follow the prevent accidents. The warning and danger items in other documents do not cover all the safety precautions that must be followed. They are only supplementary information, the installation and maintenance personnel need to understand the basic safety precautions to be taken.

- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings, such as newspapers, table-cloth, curtains, etc.
- Do not use this apparatus near sources of heat, such as radiators, heat registers, stoves or other apparatus that produce heat.
- Do not damage the ground conductor or operate the device in the absence of well installed ground conductor. Conduct the appropriate electrical inspection.
- Protect the power cord from being walk on or pinched particularly at the plugs, convenience receptacles, and at the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when not used for long periods of time.
- Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged; liquid has been spilled or objects have fallen into the apparatus; the apparatus has been exposed to rain or moisture; the apparatus does not operate normally or has been dropped.
- Warning: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture. The apparatus shall not be exposed to dripping or splashing. 2. Warning: To reduce the risk of electric shock, do not remove cover as there are no user-serviceable parts inside. If you are seeing to qualified personnel.
- If an outdoor cable is required, check whether the signal lightning arrester and AC surge arrester are connected to the switch.



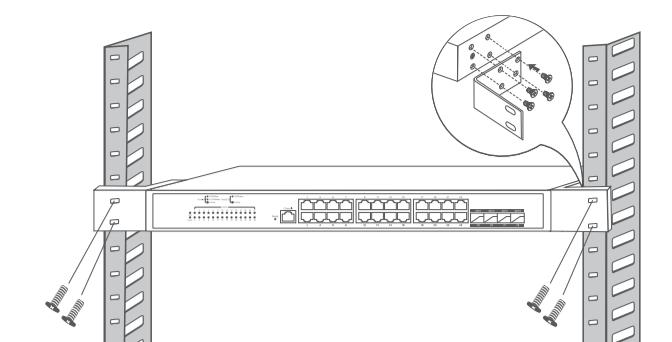
1.2 Preparation for installation

You shall prepare the following tools and materials for device installation.

- Rock mounting: ESD bracelet for ESD gloves, screwdriver, screws (suitable for securing the switch to the rack)
- Wall mounting: ESD bracelet (or ESD gloves), marker, hammer drill, rubber hammer, ladder, spirit level, screwdriver, expansion bolts (M5*40 mm), screws (P4S*25 mm, head diameter: 10 mm)
- Desktop mounting: ESD bracelet (or ESD gloves)

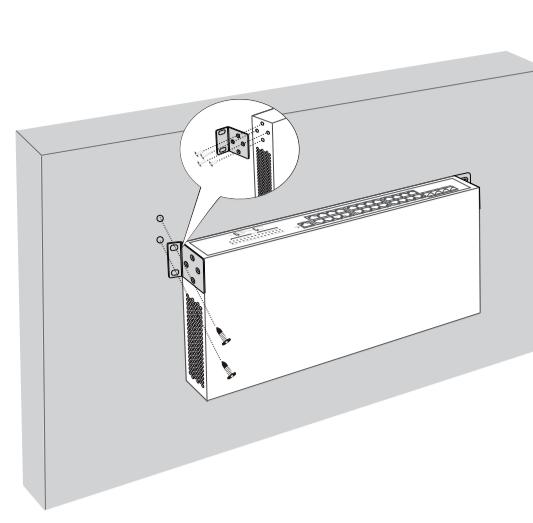
1.3 Installation

- Rack mounting (to a standard 19-inch rack)**
- Step 1** Ensure that the rack is stable and level, and is properly grounded.
- Step 2** Fix the L-shaped brackets to both sides of the switch with the included screws.
- Step 3** Choose a proper height and fix the L-shaped brackets to the rack with screws (self-prepared). Ensure that the switch is stable on the rack.



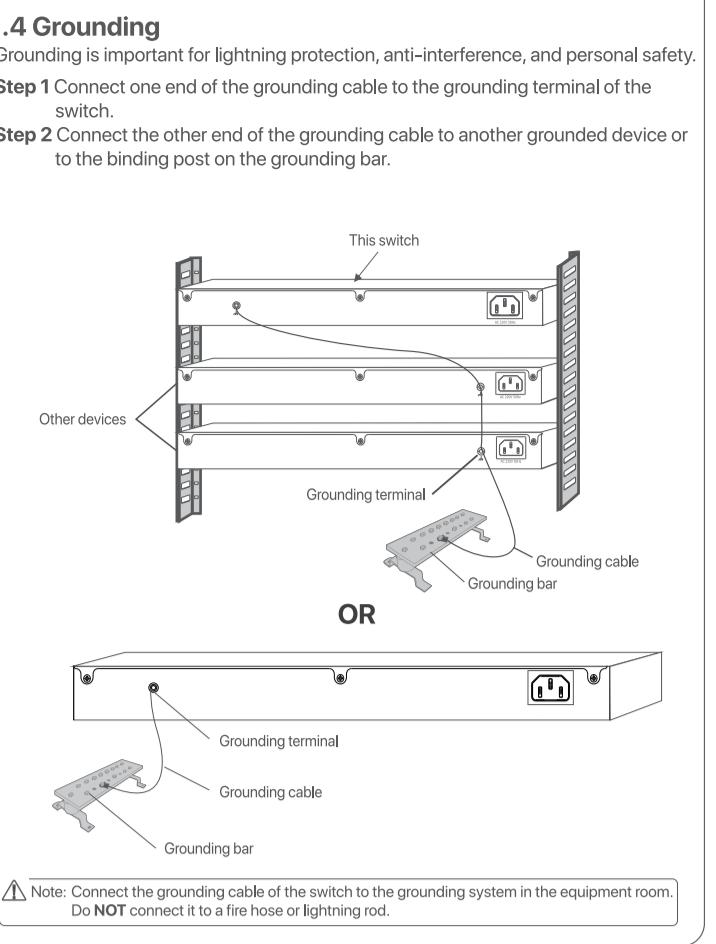
• Wall mounting

- Note:** This switch can only be installed on non-flammable walls, such as a concrete wall.
- **NOT** install the switch with its ventilation openings facing downward; otherwise, there will be heat accumulation.
 - The switch is only suitable for mounting at heights ≤ 2 m.
- Step 1** Repeat the two L-shaped brackets by 90 degrees and fix them to both sides of the switch with the included screws.
- Step 2** Place the switch horizontally onto the wall with its RJ45 ports facing upward. Then mark the screw holes with the marker.
- Step 3** Drill holes in the wall with M5*40 mm diameter holes.
- Step 4** Pass the screws (self-prepared, P4S*25 mm, head diameter: 10 mm) through the holes of the two L-shaped brackets, and secure the screws into the expansion bolts with a screwdriver. Ensure that the switch is installed firmly with its RJ45 ports facing upward.



• Desktop mounting

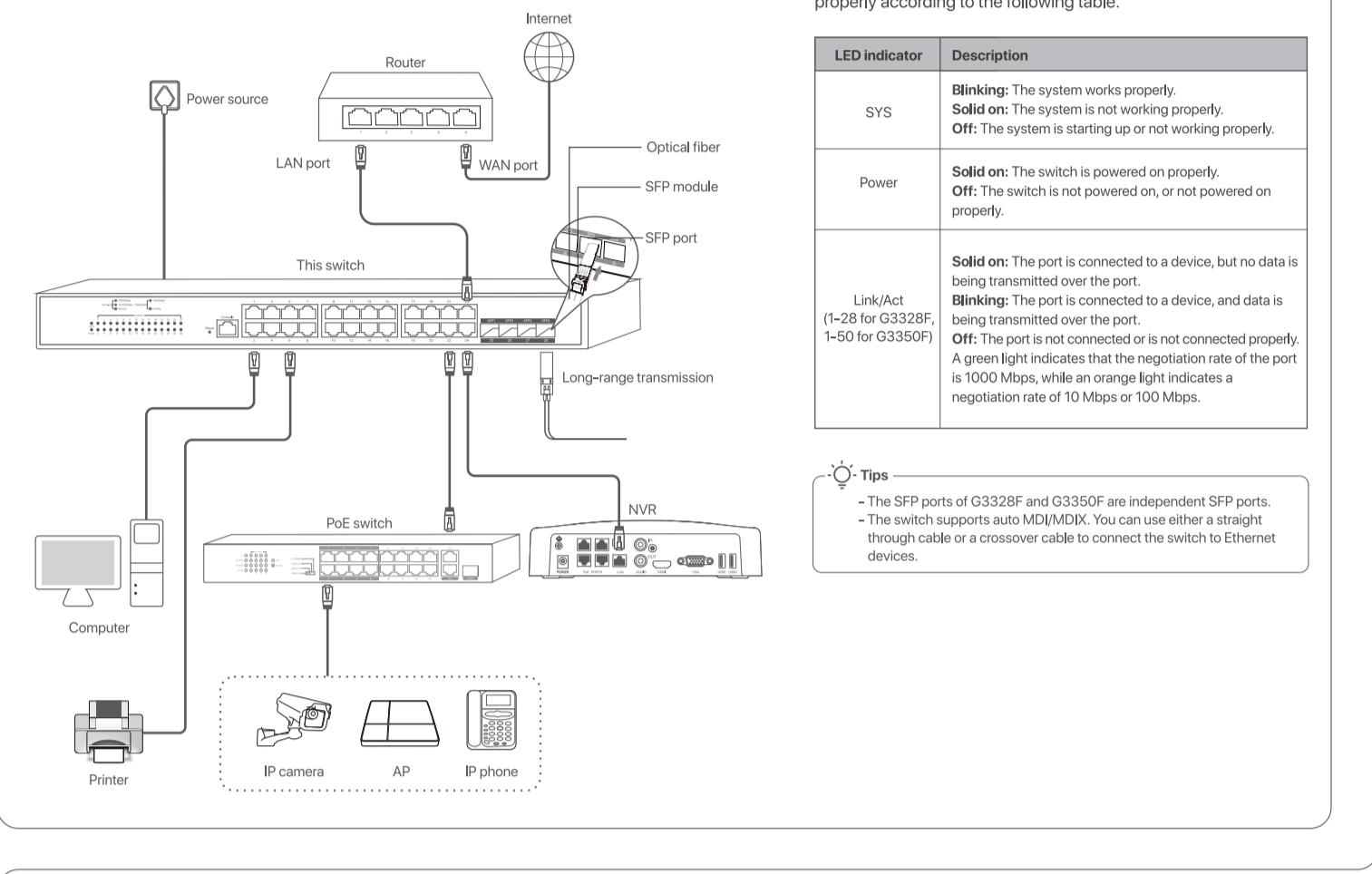
- Note:** Place the four footpads to the four recesses on the bottom of the switch. Then turn the switch upside down, and place it horizontally on a big enough, clean, stable and flat desktop.
- Footpad**



Note: Connect the grounding cable of the switch to the grounding system in the equipment room. Do NOT connect it to a fire hose or lightning rod.

2 Connect the device

The typical network topology of this switch is as shown below.



After connection, please check whether the switch is connected properly according to the following table.

LED indicator	Description
SYS	Blinking: The system works properly. Solid: On: The system is not working properly. Off: The system is starting up or not working properly.
Power	Blinking: The switch is powered on properly. Solid: On: The switch is not powered on, or not powered on properly.
Link/Act (1~50 for G3328F; 1~50 for G3350F)	Solid: On: The port is connected to a device, but no data is being transmitted over the port. Blinking: The port is connected to a device, and data is being transmitted. Off: The port is not connected or is not connected properly. A green light indicates that the negotiation rate of the port is 1000Mbps, while an orange light indicates a negotiation rate of 10Mbps or 100Mbps.

Tips

- The SFP ports of G3328F and G3350F are independent SFP ports.
- The switch supports autoMDI/MDIX. You can use either a straight-through cable or a crossover cable to connect the switch to Ethernet devices.

3 Manage the device

You can manage the switch through the local web UI or IP-COM CloudFi App.

• Through local web UI

- Step 1** Use an Ethernet cable to connect the computer to one of the ports 1~24 (ports 1~48 for G3350F) of the switch.

Step 2 Fix the L-shaped brackets to both sides of the switch with the included screws.

- Step 3** Choose a proper height and fix the L-shaped brackets to the rack with screws (self-prepared). Ensure that the switch is stable on the rack.

- Step 3** Start a web browser (such as Chrome) on the computer, enter the management IP address of the switch (default: 10.16.16.16) in the address bar, and press Enter on the keyboard.

- Step 4** Enter the login name and password (both are admin by default) on the login page of the switch, and click Login.



Tips

If you fail to access the above page, please refer to question 1 in FAQ.

After successfully logging in to the web UI of the switch, you can configure the switch now.

Step 3 Add a device in the project

- Add device in local network: Applicable when your mobile phone is connected to the LAN network of the switch.
- Add device remotely: Applicable when your mobile phone cannot connect to the LAN network of the switch. To use this method, you need to obtain the device model and MAC address of the switch or the Scan to Add Device QR code in advance.

(1) Add device in local network

- Enter the project, click Add Device

Project is created

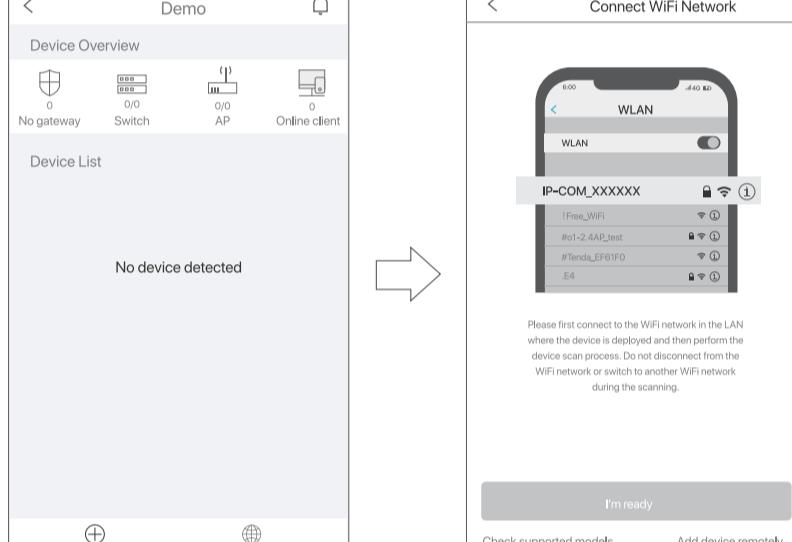
Scan the QR code on the device

Set project parameters and click Save

Project is created

Scan the QR code on the device

Done. You can manage and maintain the switch on IP-COM CloudFi app.



• Connect WiFi network

- Connect your mobile phone to the WiFi network of the LAN where this switch is deployed (if this WiFi network should have internet access), and then click I'm ready

After the automatic scan, agree to enable cloud management and add the switch

The switch is added successfully

Scan the QR code to add a device. Before that, ensure the cloud management function of the switch is already enabled on the web UI (Basic Functions > Cloud Management).

1. Scan the QR code on the device

2. The device to be added is connected to the internet

3. The device to be added is connected to the LAN where the device is deployed and then connect the device to your wireless router. Do not disconnect the device from the wireless router during the scanning.

4. Agree to cloud management, and enable cloud management and add the switch

Check supported models

Add device remotely

The device is added

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