

IP-COM

Quick Installation Guide

L2 Managed Switch G3328F/G3350F

- Switch x 1
- Power cord x 1
- Footpad x 4
- Screw (KM3*8 mm) x 8
- Quick installation guide x 1

- L-shaped bracket x 2
- Console cable x 1 (only for G3328F)

This guide instructs how to install, connect and manage the device. For details, please visit [www.ip-com.com](#) to 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, read the operation instructions and precautions to be taken, and follow them to 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 install near any heat sources 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 unused 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, 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 dropping or splashing.
- Warning: To reduce the risk of electric shock, do not remove cover as there are non-serviceable parts inside. Refer servicing to qualified personnel.
- If an outdoor cable is required, check whether the signal lightning arrester and AC surge arrester are connected to the switch.

Signal lightning arrester

Grounding cable

Grounding terminal

Other network device

Ethernet cable

Note: There is a void sticker covering one of the screws on the housing of the switch. Do NOT remove the sticker without permission of the local agent. Otherwise, you shall be responsible for any damage.

1.2 Preparation for installation

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

- Rack mounting: ESD bracket (or ESD gloves), screwdriver, screws (suitable for securing the switch to the rack).
- Wall mounting: ESD bracket (or ESD gloves), marker, hammer drill, rubber hammer, ladder, spirit level, screwdriver, expansion bolts (M5*40 mm), screws (PA5*25 mm, head diameter: 10 mm).
- Desktop mounting: ESD bracket (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 two 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.

- Do NOT install the switch with its ventilation openings facing downward, otherwise, there will be potential safety hazards.
- The switch is only suitable for mounting at heights ≥ 2 m.

Step 1 Rotate 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 marked positions, and then hammer the expansion bolts (self-prepared, M5*40 mm) into the holes.

Step 4 Pass the screws (self-prepared, PA5*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

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

Switch

Grounding terminal

Grounding cable

Grounding bar

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 shown below.

Power source

Router

Internet

Optical fiber

SFP module

SFP port

Long-range transmission

DPE switch

NVR

Computer

Printer

IP camera

AP

IPhone

LED Indicator

Description

SYS

Power

Link/Act (1~28 for G3328F, 1~30 for G3350F)

Tips

• The SFP ports on G3328F and G3350F are independent SFP ports.

• The switch supports auto MDI/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 Set the IP address of Ethernet (or Local Area Connection) of the computer to the same network segment of the switch's IP address. The default IP address of the switch is **10.16.16.168**. You can set the IP address of the computer to **10.16.16.X** (X ranges from 2 to 254 excluding 168 and is not occupied) and the subnet mask to **255.255.255.0**.

Internet Protocol Version 4 (TCP/IPv4) Properties

General

Advanced

Options

IPsec Settings

Use the following IP address:

IP address: 10.16.16.168

Subnet mask: 255.255.255.0

Default gateway: 10.16.16.1

Obtain an IP address automatically

Obtain DNS server address automatically

Use the following DNS server addresses:

Preferred DNS server: 10.16.16.1

Alternate DNS server: 10.16.16.1

Validate settings upon exit

OK

Cancel

Step 3 Start a web browser (such as Chrome) on the computer, enter the management IP address of the switch (default: **10.16.16.168**) in the address bar, and press **Enter** on the keyboard.

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

Use Name

Password

Forgot Password

English

Login

Tips

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.

• Through IP-COM CloudFi App

Step 1 Download and install the app

Search for the **IP-COM CloudFi** app in App Store or the app market to download and install the **IP-COM CloudFi** app on your mobile phone.

Step 2 Create a project

Log in to the app. On the **Network** page, add a **Traditional WLAN** project.

- Scan Code: Scan the **Scan to Add Device** QR code on the switch to automatically recognize project type and create project.
- Manually Create: Manually choose project type and create project.

Scan Code method is used for illustration here.

Project Management

By creation

By invitation

Create your first project

Choose a project to edit

Quick Creation Guide

Create your project just in minutes

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