

Quick Installation Guide

L2 Managed Switch
G3328F

Package contents

- Switch x 1
- L-shaped bracket x 2
- Quick installation guide x 1
- Power cord x 1
- Footpad x 4
- Console cable x 1
- Screw (KM3*8 mm) x 8

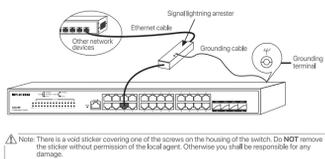
This guide instructs how to install, connect and log in to the device. For details, please download the user guide of the device.

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.
- Mainly plug is used as the disconnect device, the disconnect device shall remain ready 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 dripping or splashing.
- Warning: To reduce the risk of electric shock, do not remove cover as there no user-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.

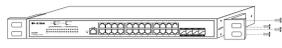


1.2 Preparation for installation

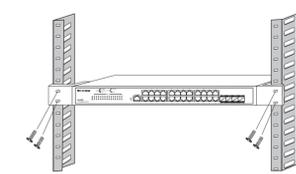
- You shall prepare the following tools and materials for device installation.
- Rack mounting: ESD bracket (or ESD gloves), screwdriver, screws (suitable for securing the switch to the rack)
 - Wall mounting: ESD bracket (or ESD gloves), marker, hammer drill, rubber hammer, screwdriver, expansion bolts (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)**
 - Ensure that the rack is stable and level, and is properly grounded.
 - Fix the 2 L-shaped brackets to both sides of the switch with the included screws.



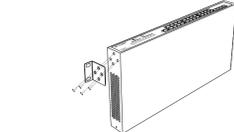
Step 3 Choose a proper height and fix the L-shaped brackets to the rack with screws (self-prepared). Ensure that the switch is stable on the rack.



• Wall mounting

- Note** - Do NOT install the switch with its ventilation openings facing downward; otherwise there will be potential safety hazards.
- This switch cannot be installed on a concrete or non-flammable wall.

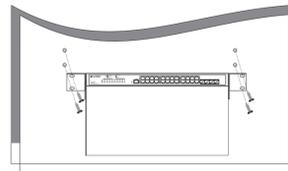
Step 1 Rotate the two L-shaped brackets by 90 degrees and fix them to both sides of the switch with the included screws.



Step 2 Place the switch horizontally onto the wall with its RJ45 ports facing upward. Then mark the screw holes with the marker.

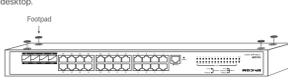
Step 3 Drill holes in the marked positions, and then hammer the expansion bolts (self-prepared, M5*40 mm) into the holes.

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

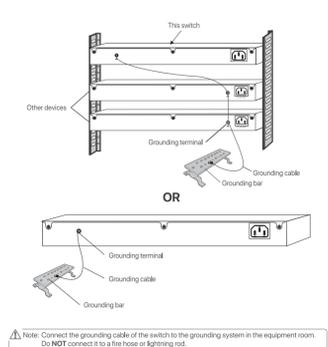
Paste the four footpads to the four recesses on the bottom of the switch. Then turn the switch upside down, and place it on a big enough, clean, stable and flat desktop.



1.4 Grounding

Grounding is important for lightning protection, anti-interference, and personal safety.

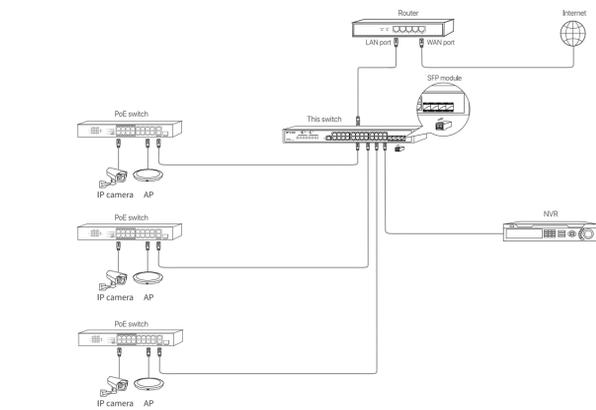
- Step 1** Connect one end of the grounding cable to the grounding terminal of the switch.
- Step 2** Connect the other end of the grounding cable to another grounding device or to the binding post on the grounding bar.



Note: Connect the grounding cable of the switch to the grounding system in the equipment room. Do NOT connect 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	Solid on: The switch is powered on properly. Off: The switch is not powered on, or not powered on properly.
Link/Act	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 over the port. Off: The port is not connected or is not connected properly. A green light indicates that the negotiation rate of the port is 1000 Mbps, while an orange light indicates a negotiation rate of 10 Mbps or 100 Mbps.

• Tips

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.

Technical Support

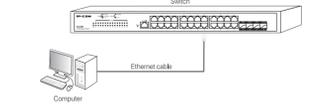
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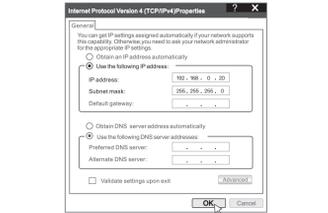
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3 Log in to the device

Step 1 Use an Ethernet cable to connect the computer to one of the ports 1 - 24 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 this switch is 192.168.0.1. You can set the IP address of the computer to 192.168.0.X (X ranges from 2 to 254 and is not occupied) and the subnet mask to 255.255.255.0.



Step 3 Start a web browser (such as Chrome) on the computer, enter the management IP address of the switch (default: 192.168.0.1) 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**.



Tip: 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.

FAQ

1. I cannot log in to the web UI of the switch. What should I do?

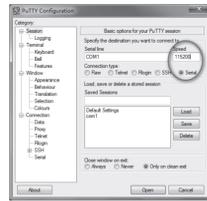
- Try the following solutions:
- Check whether the switch is powered on properly. The Power LED indicator is solid on.
 - Check whether the computer is connected to the switch properly with an Ethernet cable. The Link/Act LED indicator lights solid on or is blinking.
 - Check whether the IP address of Ethernet (or Local Area Connection) of the computer is set to 192.168.0.X (X ranges from 2 to 254 and is not occupied).
 - Clear the cache of the web browser or try another web browser.
 - Disable the firewall of the computer, or try another computer.
 - Check whether only one device with the IP address 192.168.0.1 exists in the local network.
 - If the problem persists, reset the switch and try again.
- Reset method:** When the SYS LED indicator is blinking, press and hold the **Reset** button for about 10 seconds, and then release it when all indicators are solid on. When the SYS LED indicator blinks again, the switch is restored to factory settings.

2. I forgot the login user name and password when logging in to the web UI. What should I do?

Try entering the default login user name and password (both are admin). If you still fail to log in to the web UI, reset the switch, then use the default user name and password to log in.

3. How do I connect the switch through the Console port?

- Please operate as follows:
- Connect the computer and the Console port of the switch with the included console cable.
 - Run a serial port connection software (such as PuTTY) on the computer. Enter **115200** in the **Speed** box and select **Serial** as the **Connection type**. Then click **Open**.



Step 3 Press **Enter** twice and enter the user name and password of the switch (both are admin by default) on the page to enter the command-line interface of the switch.



Specifications

Model	G3328F
Port	<p>10/100/1000 Mbps RJ45 port: 24</p> <p>1000 Mbps SFP port: 4 independent SFP ports</p> <p>Console port: 1; Baud: 115200</p> <p>Switching mode: Store-and-forward</p> <p>MAC address table learning: Auto aging, auto learning</p> <p>MAC address table: 16 K</p>
Dimensions (L x W x H)	440 mm x 179.6 mm x 44 mm
Input voltage	100~240V AC, 50/60Hz, 0.7A
Lightning protection	RJ45 port: Common mode: 6 kV
Power supply	Common mode: 6 kV; Differential mode: 4 kV
Operating environment	Temperature: 0°C ~ 45°C Humidity: (10%~90%) RH, non-condensing
Storage environment	Temperature: -40°C ~ 70°C Humidity: (5%~90%) RH, non-condensing
Data transmission rate	Ethernet: 10 Mbps (half duplex)/20 Mbps (full duplex) Fast Ethernet: 100 Mbps (half duplex) / 200 Mbps (full duplex) Gigabit Ethernet: 2000 Mbps (full duplex)
Transmission media	Ethernet: CAT3 UTP/STP or better Fast Ethernet: Cat5e CAT5 UTP/STP or better Gigabit Ethernet: Cat5e or Cat6 UTP/STP 100Base-SX-MMF 100Base-LX-MMF or S/MF
Network standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

English

Характеристики

Модель	G3328F
Порт	<p>Порт RJ45 10/100/1000 Мбит/с: 24</p> <p>Порт SFP 1000 Мбит/с: 4 независимых SFP порта</p> <p>Консольный порт: 1; Скорость передачи в бод: 115200</p> <p>Режим переключения: Store-and-forward</p> <p>Изучение MAC-адресов: Автоматическое старение, автоматическое обучение</p> <p>Таблица MAC-адресов: 16 К</p>
Размеры (Д x Ш x В)	440 мм x 179,6 мм x 44 мм
Входное напряжение	100~240 В перемен. тока, 50/60 Гц, 0,7 А
Молниезащита	Порт RJ45: Обычный режим: 6 kV
Источник питания	Обычный режим: 6 kV; Дифференциальный режим: 4 kV
Рабочая среда	Температура: 0°C ~ 45°C Влажность: (10~90%) RH, неконденсирующая
Условия хранения	Температура: -40°C ~ 70°C Влажность: (5~90%) RH, неконденсирующая
Скорость передачи информации	Ethernet: 10 Мбит/с (полудуплекс) / 20 Мбит/с (полудуплекс) Fast Ethernet: 100 Мбит/с (полудуплекс) / 200 Мбит/с (полудуплекс) Гигабитный Ethernet: 2000 Мбит/с (полудуплекс)
Средства передачи	Ethernet: Кабель CAT3 UTP/STP или лучше Fast Ethernet: Кабель Cat5e UTP/STP или лучше Gigabit Ethernet: Кабель Cat5e или Cat6 UTP/STP 100Base-SX-MMF 100Base-LX-MMF или S/MF
Стандарты сети	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Русский

Спецификации

Модел	G3328F
Порт	<p>10/100/1000 Mbps RJ45 порт: 24</p> <p>1000 Mbps SFP порт: 4 независимых SFP порта</p> <p>Консольный порт: 1; Скорость в бод: 115200</p> <p>Режим на переключение: Store-and-forward</p> <p>Обучение на MAC адреси: Автоматическое старение, автоматическое обучение на основе MAC адреси</p> <p>Таблица с MAC адреси: 16 К</p>
Размери (Д x Ш x В)	440 mm x 179.6 mm x 44 mm
Входное напряжение	100~240 V AC, 50/60 Hz, 0.7 A
Мълниезащита	RJ45 порт: Общ режим: 6 kV
Захранване	Общ режим: 6 kV; Диференциален режим: 4 kV
Работна среда	Температура: 0°C ~ 45°C Влажност: (10%~90%) RH, некондензираща
Среда за съхранение	Температура: -40°C ~ 70°C Влажност: (5%~90%) RH, некондензираща
Скорост на предаване на данни	Ethernet: 10 Мбит/с (полудуплекс) / 20 Мбит/с (полудуплекс) Fast Ethernet: 100 Мбит/с (полудуплекс) / 200 Мбит/с (полудуплекс) Гигабитен Ethernet: 2000 Мбит/с (полудуплекс)
Носители за предаване	Ethernet: CAT3 UTP/STP или по-добро Fast Ethernet: Cat5e UTP/STP или по-добро Gigabit Ethernet: Cat5e или Cat6 UTP/STP 100Base-SX-MMF 100Base-LX-MMF или S/MF
Имрове стандарти	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Български

Spezifikationen

Modell	G3328F
Port	<p>10/100/1000 Mb/s RJ45-Port: 24</p> <p>1000 Mb/s SFP-Port: 4 unabhängige SFP-Ports</p> <p>Konsolen-Anschluss: 1; Baudrate: 115200</p> <p>Moduswechsel: Speicher und Weiterleitung</p> <p>MAC-Adressenlernen: Automatisches Altern, automatisches Lernen</p> <p>MAC-Adressentabelle: 16 K</p>
Leistung	Automatisches Altern, automatisches Lernen
Abmessungen (L x B x H)	440 mm x 179,6 mm x 44 mm
Einspeisung	100~240 V AC, 50/60 Hz, 0,7 A
Blitzschutz	RJ45-Port: Normaler Modus: 6 kV
Stromversorgung	Normaler Modus: 6 kV; Differentialmodus: 4 kV
Betriebsumgebung	Temperatur: 0°C ~ 45°C Luftfeuchtigkeit: (10%~90%) RH, nicht kondensierend
Lagerumgebung	Temperatur: -40°C ~ 70°C Luftfeuchtigkeit: (5%~90%) RH, nicht kondensierend
Datenübertragungsrate	Ethernet: 10 Mb/s (Halbduplex) / 20 Mb/s (Voll Duplex) Fast Ethernet: 100 Mb/s (Halbduplex) / 200 Mb/s (Voll Duplex) Gigabit Ethernet: 2000 Mb/s (Voll Duplex)
Übertragungsmethoden	Ethernet: Cat3 UTP/STP-Kabel oder höher Fast Ethernet: Cat5e UTP/STP-Kabel oder höher Gigabit Ethernet: Cat5e oder Cat6 UTP/STP-Kabel 100Base-SX-MMF 100Base-LX-MMF oder S/MF
Netzwerkstandards	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Deutsch

Specifiche

Modello	G3328F
Porte	<p>Porta RJ45 10/100/1000 Mbps: 24</p> <p>Porta SFP 1000 Mbps: 4 porte SFP indipendenti</p> <p>Porta console: 1; Baudrate: 115200</p> <p>Modalità switching: Store-and-forward</p> <p>Apprendimento degli indirizzi MAC: Auto invecchiamento, auto apprendimento</p> <p>Tabella degli indirizzi MAC: 16 K</p>
Dimensioni (L x P x A)	440 mm x 179,6 mm x 44 mm
Tensione di ingresso	100~240 V c.a., 50/60 Hz, 0,7 A
Protezione contro i fulmini	Porta RJ45: Modalità comune: 6 kV
Alimentazione	Modalità comune: 6 kV; Modalità differenziale: 4 kV
Ambiente operativo	Temperatura: 0°C ~ 45°C Umidità: (10%~90%) UR, senza condensa
Ambiente di immagazzinaggio	Temperatura: -40°C ~ 70°C Umidità: (5%~90%) umidità relativa, RH, senza condensa
Velocità di trasmissione dati	Ethernet: 10 Mbps (half duplex) / 20 Mbps (full duplex) Fast Ethernet: 100 Mbps (half duplex) / 200 Mbps (full duplex) Gigabit Ethernet: 2000 Mbps (full duplex)
Mezzi di trasmissione	Ethernet: Cabo CAT3 UTP/STP o superior Fast Ethernet: Cabo CAT5 UTP/STP o superior Gigabit Ethernet: Cabo CAT5e UTP/STP o superior 100Base-SX-MMF 100Base-LX-MMF o S/MF
Standard di rete	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Italiano

Especificações

Modelo	G3328F
Porta	<p>Porta RJ45 10/100/1000 Mbps: 24</p> <p>Porta SFP 1000 Mbps: 4 portas SFP independentes</p> <p>Porta de console: 1; Taxa de Baud: 115200</p> <p>Modo de comutação: Guardar e reencaminhar</p> <p>Aprendizagem de endereços MAC: Envelhecimento automático, aprendizagem automática</p> <p>Tabela de endereços MAC: 16 K</p>
Dimensões (C x L x A)	440 mm x 179,6 mm x 44 mm
Tensão de entrada	100~240V AC, 50/60Hz, 0,7 A
Proteção contra raios	Porta RJ45: Modo comum: 6 kV
Fonte de energia	Modo comum: 6 kV; Modo diferencial: 4 kV
Ambiente operacional	Temperatura: 0°C ~ 45°C Umidade: (10%~90%) RH, sem condensação
Ambiente de armazenamento	Temperatura: -40°C ~ 70°C Umidade: (5%~90%) RH, sem condensação
Taxa de transmissão de dados	Ethernet: 10 Mbps (half duplex) / 20 Mbps (full duplex) Fast Ethernet: 100 Mbps (half duplex) / 200 Mbps (full duplex) Gigabit Ethernet: 2000 Mbps (full duplex)
Meios de transmissão	Ethernet: Cabo CAT3 UTP/STP ou superior Fast Ethernet: Cabo CAT5 UTP/STP ou superior Gigabit Ethernet: Cabo CAT5e ou Cat6 UTP/STP 100Base-SX-MMF 100Base-LX-MMF ou S/MF
Padrões de rede	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Português

Especificaciones

Modelo	G3328F
Puerto	<p>Puerto RJ45 de 10/100/1000 Mbps: 24</p> <p>Puerto SFP de 1000 Mbps: 4 puertos SFP independientes</p> <p>Puerto de consola: 1; Velocidad en baudios: 115200</p> <p>Modo de conmutación: Almacenar y retransmitir</p> <p>Aprendizaje de direcciones MAC: Vencimiento automático, aprendizaje automático</p> <p>Tabla de direcciones MAC: 16 K</p>
Dimensiones (C x A x x W)	440 mm x 179,6 mm x 44 mm
Voltaje de entrada	100~240 V CA, 50/60 Hz, 0,7 A
Protección contra rayos	Porta RJ45: Modo común: 6 kV
Fuente de alimentación	Modo común: 6 kV; Modo diferencial: 4 kV
Entorno de funcionamiento	Temperatura: 0~45°C Humedad: (10~90%) RH, sin condensación
Entorno de almacenamiento	Temperatura: -40~70°C Humedad: (5~90%) RH, sin condensación
Velocidad de transmisión de datos	Ethernet: 10 Mbps (duplex medio) / 20 Mbps (duplex completo) Fast Ethernet: 100 Mbps (duplex medio) / 200 Mbps (duplex completo) Gigabit Ethernet: 2000 Mbps (duplex completo)
Medios de transmisión	Ethernet: Cable CAT3 UTP/STP o superior Fast Ethernet: Cable Cat5 UTP/STP o superior Gigabit Ethernet: Cable CAT5e o Cat6 UTP/STP 100Base-SX-MMF 100Base-LX-MMF o S/MF
Estándares de red	IEEE 802.3, IEEE 802.3u, IEEE 802.3x, IEEE 802.3ab, IEEE 802.3z, IEEE 802.1q, IEEE 802.1s, IEEE 802.1x, IEEE 802.1w, IEEE 802.1y, IEEE 802.1z, IEEE 802.1u, IEEE 802.1x

Español

Spécifications

Modèle	G3328F
Port	<p>Port RJ45 10/100/1000 Mbps: 24</p> <p>Port SFP 1000 Mbps: 4 ports SFP indépendants</p> <p>Port de la console: 1; Débit en Baud: 115200</p> <p>Mode de commutation: Stockage et transmission</p> <p>Apprentissage des adresses MAC: Auto vieillissement, auto apprentissage</p> <p>Tableau des adresses MAC: 16 K</p>
Dimensions (L x W x H)	440 mm x 179,6 mm x 44 mm