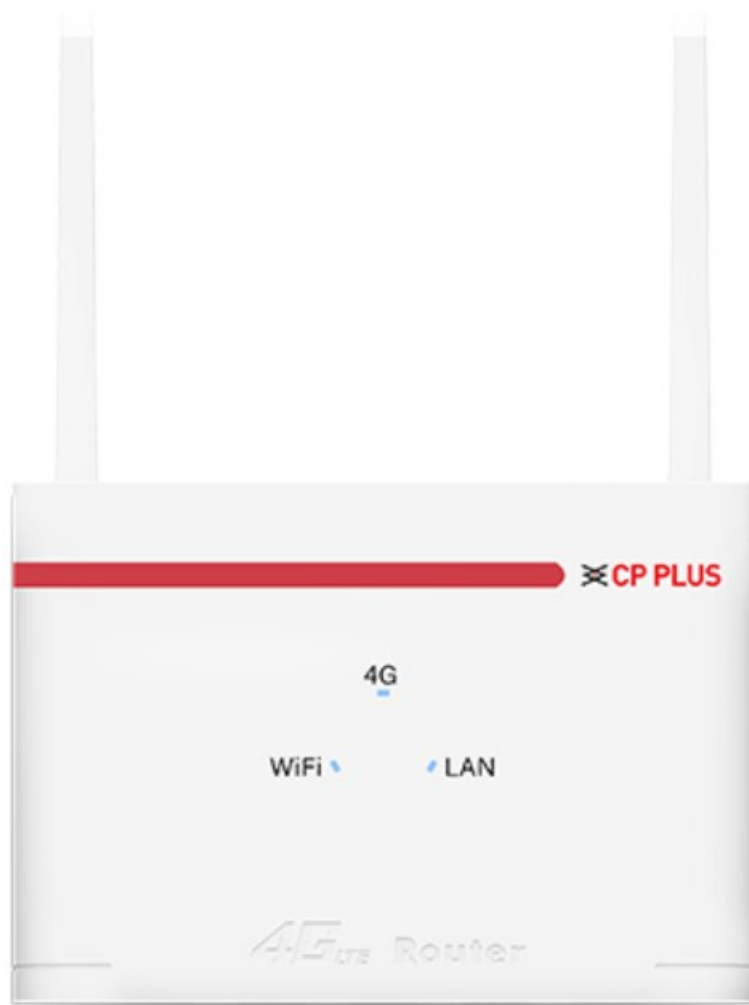




CP PLUS CP-XR-DE21-S 4G Router Installation Guide

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CP PLUS CP-XR-DE21-S 4G Router Installation Guide



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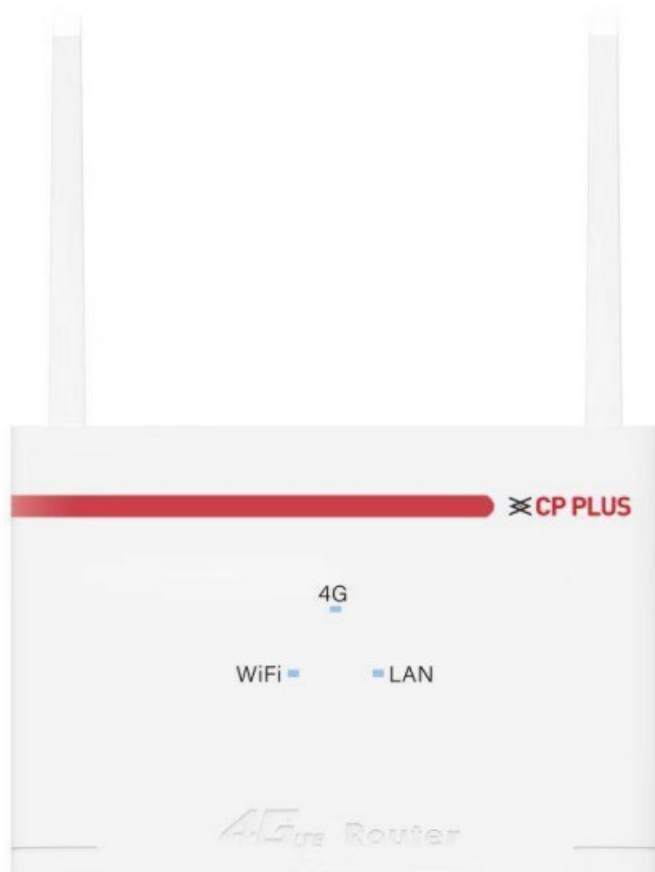
Package contents

Please check for the following items in the packing box:

- 4G Router × 1
- Power Adapter × 1
- Quick Installation Guide × 1

For product or function details, please go through the user guide.

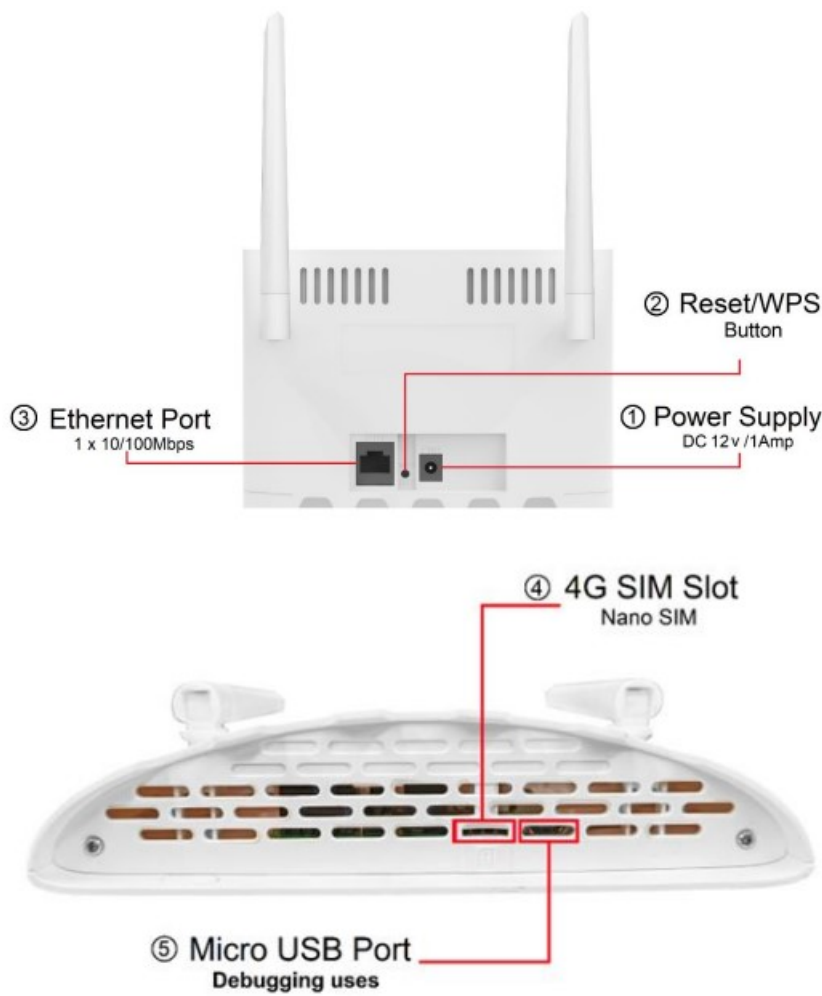
Appearance



The picture is only for reference.

LED Lights indicators

Indicator	Meaning	Status	Description
4G	4Gindicator	Always on	After inserting the SIM card, the router finds the network and is online.
		off	The sim card is not inserted, or the router does not find the network.
WIFI	Wi-Fi indicator	Always on	Wi-Fi function is normally enabled, no data connection.
		Flashing	Wi-Fi function is normally enabled, there is data connection.
		off	Wi-Fi function is Disabled
LAN	Networking indicator	Always on	There is network but no data transmission.
		Flashing	There is network and data transmission.
		off	No network



Interfaces Description

S. No.	Interface	Description
1	Power	DC power input interface, connect to 12V/1A power adapter
2	Reset/ WPS Button	Press and hold for more than 5 seconds, the router will restore factory settings. Press and hold for 3-5 seconds in the power-on state the router will enable WPS wireless connection status.
3	Ethernet Port	RJ45 network port, can be used as a LAN port
4	SIM Card Slot	SIM card slot, only supports NANO SIM card
5	Micro USB Port	It is prohibited port, only used for debugging purposes.

Working Environments

To ensure proper functioning of the router, the operating environment is recommended as follows:

- a) Keep away from heat, maintain ventilation.
- b) Lay equipment on flat surface.
- c) Lay equipment in a dry environment without dust.
- d) Dismantle power supply and all wirings in thunderstorm weather in case of lightning stroke.

Note: please supply rated power for equipment. If unmatched power is supplied, the router may get damaged.

Installation steps

Router installation steps

This router has a built-in 3G/4G modem. Before using the 4G router, you need to purchase a 4G SIM card from a local operator.

Insert the 4G SIM card into the SIM card slot of the device.

Please pay attention to the insertion instructions near the SIM card slot. This router only supports NANO SIM cards. If you need to replace the SIM card, please turn off the device power first to prevent damage to the SIM card.

Power on

Please use the original factory standard power adapter to power the 4G router, plug in the power supply and wait a while, because the device will take some time to start up.

After startup, the 4G indicator and WIFI indicator are Flashing. After successfully registering to the 4G network, the 4G indicator will always be on. Now you can use computers, mobile phones and other terminals to connect to this machine through WIFI (refer to the body label for the Wi-Fi SSID) or network cable and use 4G data to surf the Internet.

Router Configuration

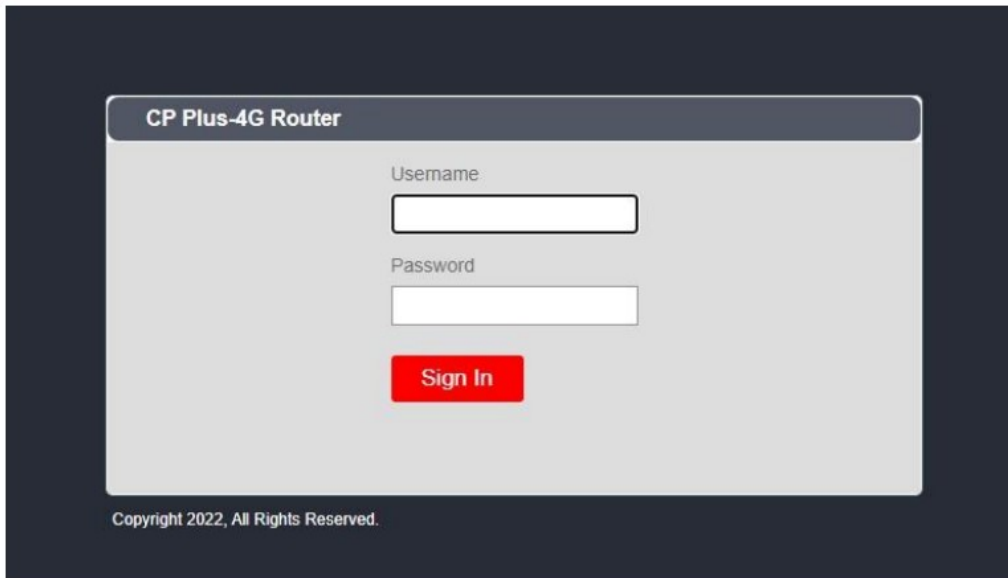
If you need to manage and configure this router, you can connect to the 4G router wirelessly or weirdly. For the default gateway address, please refer to the label on the router.

These network parameters can be modified according to the actual situation, and the default values will be

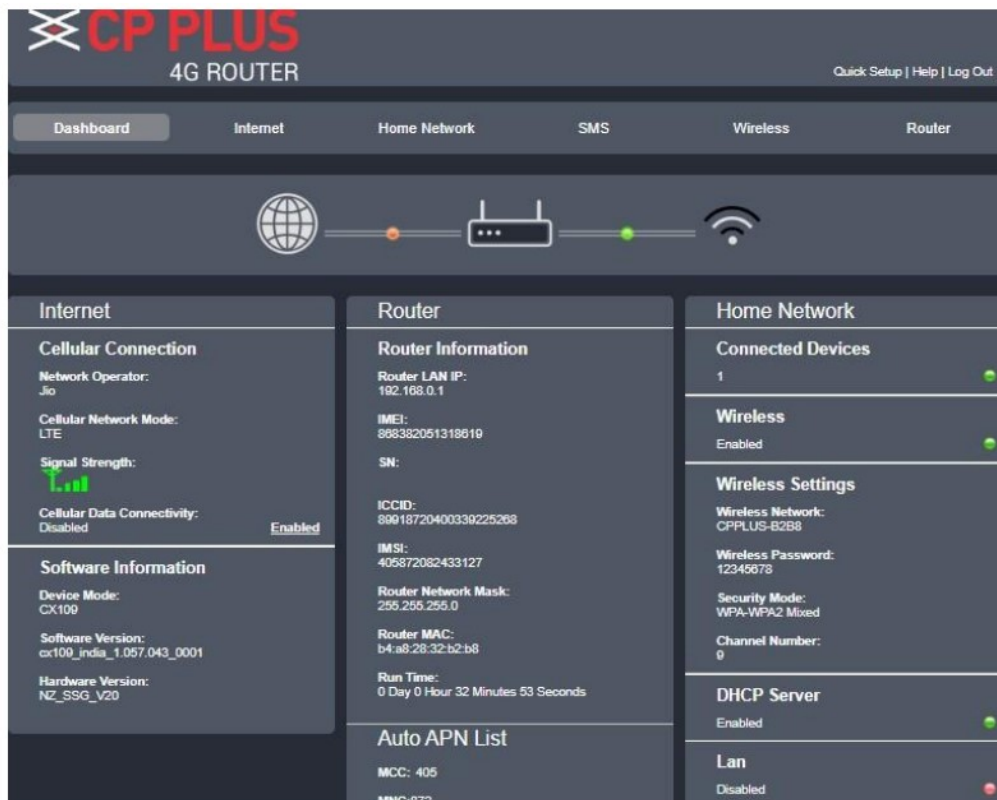
explained in the text.

Log in to the router configuration page

1. Open the browser of your computer or smartphone/tablet, enter the IP address on the router body sticker in the address bar, and then press Enter to enter the background login interface.
2. In the login window that pops up, enter the Username: admin, Password: admin; then click “Sign In.”



3. After entering the correct password, you can enter the router WEB configuration interface.



Prompt: password of initial administrator is admin; user can change administrator's password after entering configuration page.

Working mode settings

Inserts the SIM card, after connecting the power adapter access the internet via the 4G modem, the router

automatically turns on Wi-Fi and the RJ45 port are LAN mode

The screenshot displays the CP PLUS 4G Router web interface. At the top, the logo "CP PLUS 4G ROUTER" is visible on the left, and "Quick Setup | Help | Log Out" is on the right. Below the header is a navigation bar with tabs: "Dashboard", "Internet", "Home Network" (selected), "SMS", "Wireless", and "Router". The main content area is titled "DHCP Settings" and includes a sidebar with links: "Connected Devices", "Device Traffic", "Network Activity", and "Custom Firewall Rules". The settings form contains the following fields: "DHCP Range:" with a dropdown set to "192.168" and input boxes for "0" and "1"; "Router LAN IP:" with the value "192.168.0.1"; "DHCP Server:" with radio buttons for "Enabled" and "Disabled" (selected); "DHCP Start Address:" with input boxes for "192", "168", "0", and "100"; and "DHCP End Address:" with input boxes for "192", "168", "0", and "200". A red "Save" button is located at the bottom right of the settings area. The footer shows "Copyright 2022, All Rights Reserved."

WIFI setting

Click "Wireless" icon on the homepage, there will be interface of Wi-Fi settings as below.

The screenshot displays the CP PLUS 4G Router web interface with the "Wireless" tab selected. The top header and navigation bar are identical to the previous screenshot. The main content area is titled "Wireless Settings" and includes a sidebar with links: "Wireless Security Settings" and "Wireless MAC Filters". The settings form contains the following fields: "Status:" with radio buttons for "Enabled" (selected) and "Disabled"; "802.11 Mode:" with a dropdown menu set to "802.11n(b/g compatible)"; "Primary Channel:" with a dropdown menu set to "Automatic"; and "Maximum Simultaneous Clients:" with a dropdown menu set to "8". A red "Save" button is located at the bottom right of the settings area. The footer shows "Copyright 2022, All Rights Reserved."

Setting 3G/4G network

This router supports the function of automatically configuring 3G/4G dial-up parameters.

Automatic configuration of network dial-up parameters for most operators in the world.

Special APN customization requirements, please set the following steps:

Firstly: Confirm the SIM card can work.

Secondly: Confirm that the 3G/4G dial setting normal router meets the local operator's setup requirements. The step as below:

1. Please click on the "Internet" on the homepage and enter the Internet connection settings. Uncheck "auto APN" and save, then click "change", and enter the username, password, dialing number, APN parameter provided by 3G/4G ISP, click OK.

CP PLUS 4G ROUTER

Quick Setup | Help | Log Out

Dashboard Internet Home Network SMS Wireless Router

Internet Connection

Traffic Statistics
PIN Management
Manual Network
Traffic Setting
USSD
Band Selection

Internet Connection

My Internet Connection is
Cellular

Network Mode
4G/3G

PDP Setting

PDP connection name PDN1

3G APN Name: cmnet

LTE APN Name: cmnet

IP type IPv4

Enable QoS ☐

3G Authentication Type NONE

LTE Authentication Type NONE

Save OK Cancel

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2. Network searching method

When you select "manual Network" in the network searching mode, the network list will pop up, including all the networks searched. The user selects an available network from the list, and the device will register to the network selected by the user.

CP PLUS 4G ROUTER

Quick Setup | Help | Log Out

Dashboard Internet Home Network SMS Wireless Router

Manual Network

Traffic Statistics
PIN Management
Manual Network
Traffic Setting
USSD
Band Selection

Manual Network

Manual Scan Network

Selectable Network:
Auto

Manually select network when system start
☒ I want to manually select network when system start

LTE background scan network time
5 minutes

Current Select Network Mode
Automatic Mode


Save

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Documents / Resources

	<p>CP PLUS CP-XR-DE21-S 4G Router [pdf] Installation Guide CP-XR-DE21-S, CP-XR-DE21-S 4G Router, 4G Router, Router</p>
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References

- [✕ CP Plus: Advanced Security & Surveillance Solutions](#)

[Manuals+](#)