



## dahua N300 Wireless Router User Guide

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**dahua N300 Wireless Router**



## Product Information

The N300 Wireless Router is a mesh router manufactured by ZHEJIANG DAHUA VISION TECHNOLOGY CO., LTD. It is designed to provide a reliable and secure wireless network connection for home or small office use.

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## Product Usage Instructions

### Transportation Requirements:

When transporting the device, ensure it is kept within allowed humidity and temperature conditions.

### Storage Requirements:

Store the device in a location that meets the allowed humidity and temperature conditions.

### Installation Requirements:

For outdoor models of the device, securely install it on poles or brackets that are perpendicular to the ground. Ensure the entire surface of the device and its related components are covered with anti-oxidation coating. The installation site and height of the device should meet the requirements of the plan.

### Operation Requirements:

Do not disassemble the device without professional instruction. Operate the device within the rated range of power input and output. Ensure that the power supply is correct before running the device. Do not unplug the power cord on the side of the device when the adapter is powered on.

### Maintenance Requirements:

Do not disassemble the device unless necessary. Power off the device before maintenance. Mark key components on the maintenance circuit diagram with warning signs.

### Connecting the Router:

Follow the instructions provided in the user manual to connect the router to your modem or internet source. Ensure that all cables are securely connected and power on the router.

## Foreword

### General

This manual introduces the installation, functions and operations of the mesh router (hereinafter referred to as “the router”). Read carefully before using the device, and keep the manual safe for future reference.

### Safety Instructions

The following signal words might appear in the manual.

Signal Words	Meaning
<b>DANGER</b>	Indicates a high potential hazard which, if not avoided, will result in death or serious injury.
<b>WARNING</b>	Indicates a medium or low potential hazard which, if not avoided, could result in slight or moderate injury.
<b>CAUTION</b>	Indicates a potential risk which, if not avoided, could result in property damage, data loss, reductions in performance, or unpredictable results.
<b>NOTE</b>	Provides additional information as a supplement to the text.
<b>TIPS</b>	Provides methods to help you solve a problem or save time.

### Revision History

Version	Revision content	Release Time
V1.0.0	First release.	December 2022

### Privacy Protection Notice

As the device user or data controller, you might collect the personal data of others such as their face, fingerprints, and license plate number. You need to be in compliance with your local privacy protection laws and regulations to protect the legitimate rights and interests of other people by implementing measures which include but are not limited: Providing clear and visible identification to inform people of the existence of the surveillance area and provide required contact information.

### About the Manual

- The manual is for reference only. Slight differences might be found between the manual and the product.
- We are not liable for losses incurred due to operating the product in ways that are not in compliance with the manual.
- The manual will be updated according to the latest laws and regulations of related jurisdictions. For detailed information, see the paper user's manual, use our CD-ROM, scan the QR code or visit our official website. The manual is for reference only. Slight differences might be found between the electronic version and the paper version.
- All designs and software are subject to change without prior written notice. Product updates might result in some differences appearing between the actual product and the manual. Please contact customer service for the latest program and supplementary documentation. There might be errors in the print or deviations in the description of the functions, operations and technical data. If there is any doubt or dispute, we reserve the right of final explanation. Upgrade the reader software or try other mainstream reader software if the manual (in PDF format) cannot be opened.
- All trademarks, registered trademarks and company names in the manual are properties of their respective owners.
- Please visit our website, contact the supplier or customer service if any problems occur while using the device.
- If there is any uncertainty or controversy, we reserve the right of final explanation.

## **Important Safeguards and Warnings**

This section introduces content covering the proper handling of the Device, hazard prevention, and prevention of property damage. Read carefully before using the Device, comply with the guidelines when using it, and keep the manual safe for future reference.

### **Transportation Requirements**

Transport the device under allowed humidity and temperature conditions.

### **Storage Requirements**

Store the device under allowed humidity and temperature conditions.

### **Installation Requirements**

- Do not connect the power adapter to the device while the adapter is powered on.
- Strictly comply with the local electric safety standards.
- Personnel working at heights must take all necessary measures to ensure personal safety including wearing a helmet and safety belts.
- Do not leave outdoor models of the device hanging in the air or facing outwards when installing onto poles that are on top of buildings.
- Install outdoor models of the device on top of buildings where there is little to no direct sunlight to avoid the device becoming overheated. Make sure to take all necessary measures to protect the device.
- Face the side with the Ethernet port downwards, and arrange the wires in a downward direction when installing outdoor models of the device.
- Do not place the device in a place exposed to sunlight or near heat sources.

- Place the device in a well-ventilated place, and do not block its ventilation.
- Use an adapter or chassis power supply from the manufacturer.
- Do not connect the device to two or more kinds of power supplies, to avoid damage to the device.
- The device is a class I electrical appliance. Make sure that the power supply of the device is connected to a power socket with protective earthing.
- The device must be grounded by a copper wire with a cross-sectional area of 2.5 mm<sup>2</sup> and a ground resistance no more than 4 Ω.
- Voltage stabilizer and lightning surge protector are optional depending on the actual power supply on site and the ambient environment.
- To ensure heat dissipation, the gap between the device and the surrounding area should not be less than 10 cm on the sides and 10 cm on top of the device.
- When installing the device, make sure that the power plug and appliance coupler can be easily
- Outdoor models of the device must be securely installed on poles or brackets that are perpendicular to the ground. Make sure the entire surface of the device and all its related components are covered with anti-oxidation coating (such as rust preventive paint), and that the installation site and height of the device meet the requirements of the plan.

## **Operation Requirements**

- Do not disassemble the device without professional instruction.
- Operate the device within the rated range of power input and output.
- Make sure that the power supply is correct before running the device.
- When removing the cable device first to avoid personal injury.
- Do not unplug the power cord on the side of the device when the adapter is powered on.
- Use the device under allowed humidity and temperature conditions.
- Operating temperature:- 10 °C to +40 °C (+14 °F to +104 °F).
- This is a class B product. In a domestic environment this may cause radio interference in which case you may be required to take adequate measures.

## **Maintenance Requirements WARNING**

- Do not disassemble it unless necessary.
- Power off the device before maintenance.
- Mark key components on the maintenance circuit diagram with warning signs.

## **Connecting the Router**

Figure 1-1 Top Side

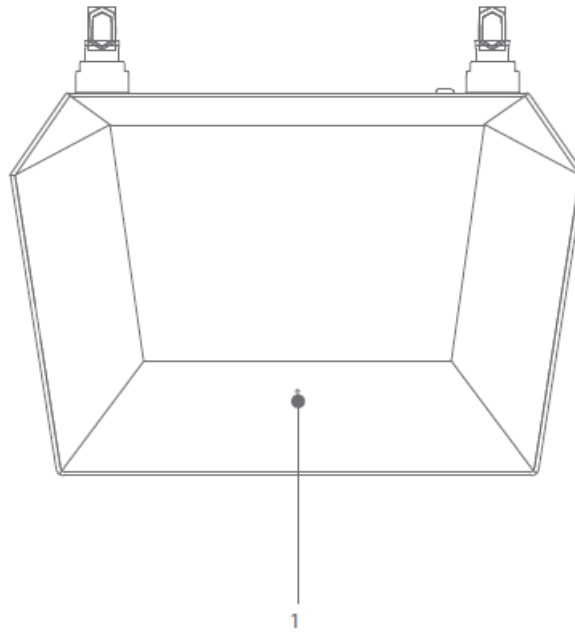


Table 1-1 Indicator descriptions

NO.	Indicator	Description
1	Indicator status	Solid red: Power on. Internet is not connected. Solid green: Connected to the Internet.

Figure 1-2 Rear Side

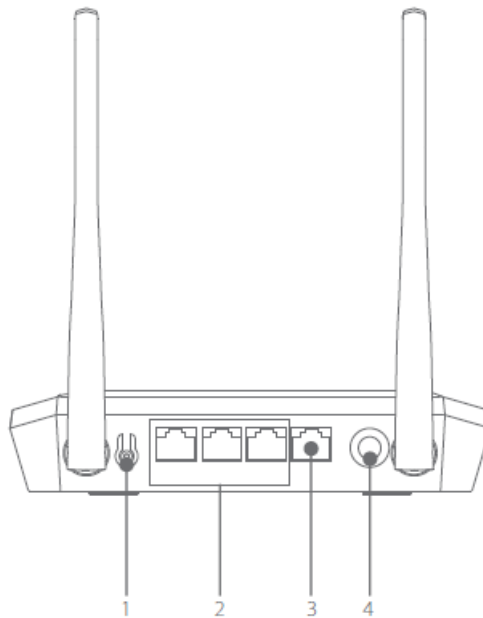
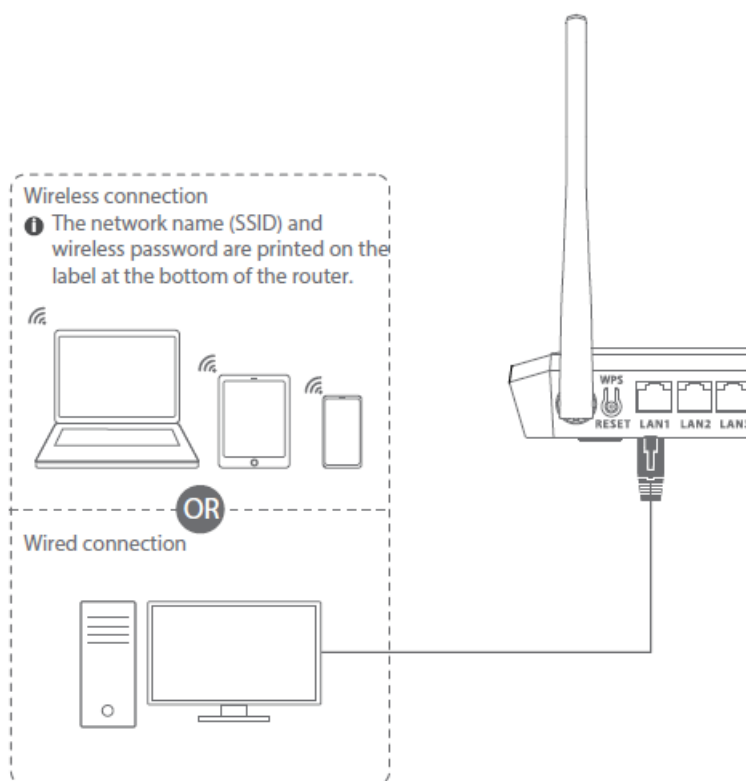
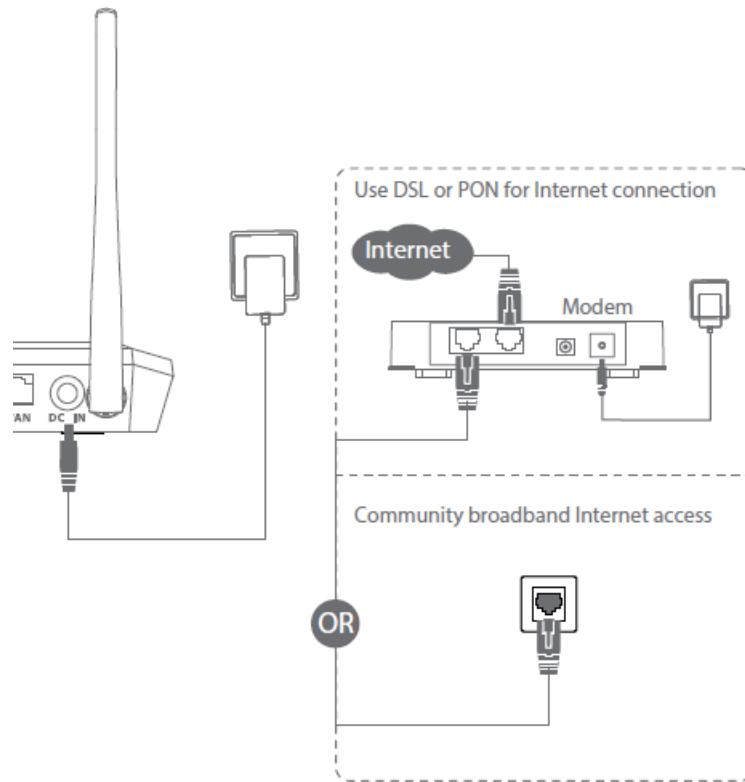


Table 1-2 Button and Port descriptions

NO.	Port and Button	Description
1	Reset/WPS Button	Press the button for 1s to start the WPS process. Press and hold the button for 5s to reset the device.
2	LAN ports	Connects to wired devices such as computers and set top boxes. You can switch between the WAN port and LAN port.
3	WAN ports	Connects to the Internet modem or Ethernet port. You can switch between the WAN port and LAN port.
4	Power port	Connects to the power supply.





1. Power off the modem.
2. Connect the modem's LAN port with an Ethernet cable(RJ45) to the router's WAN port.
  1. If your Internet is connected through the Ethernet cable directly from the wall, connect the other end of the Ethernet cable to the router's WAN port.
3. Connect the power adapter to the router's DC-IN and turn it on.
4. Plug in the modem's power adapter.

## Basic Configuration

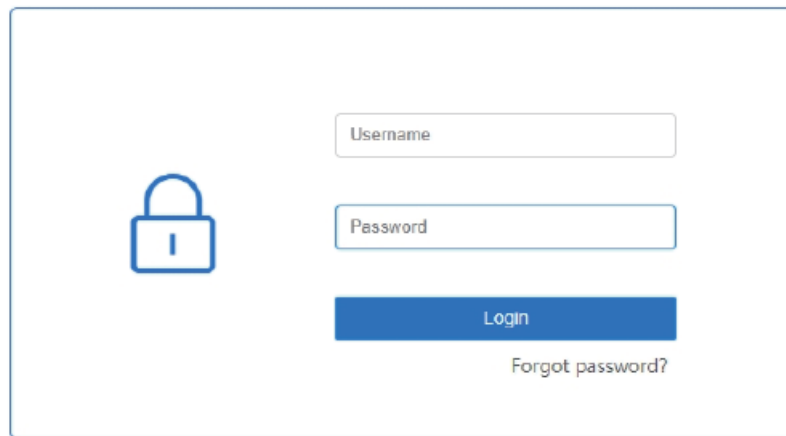
You can initialize the device and log in through the device webpage.

To protect your device, keep the admin login password safe after initialization, and change the password regularly. Set the TCP/IP Protocol as obtain an IP address automatically on your computer. Enter <http://dahuawifi.com> and log in. Alternatively, enter 192.168.10.110 to log in.

1. Step 1: Open the IE browser, enter the IP address of the device in the address bar, and then press Enter.
2. Step 2: Enter the password, and then click Login.

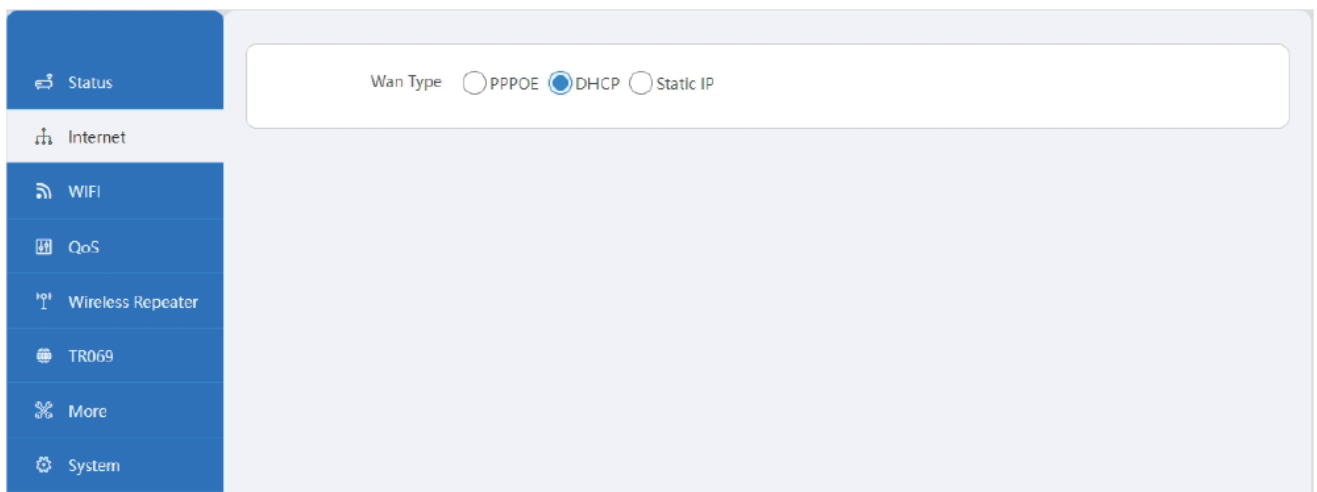
Log in to the webpage, and then click Forgot password? to reset the password.





A login form with a blue lock icon on the left. To the right of the icon are two input fields: 'Username' and 'Password'. Below the 'Password' field is a blue 'Login' button. Below the 'Login' button is a link that says 'Forgot password?'.

3. Step 3: Choose the Internet page, select WAN Type, Click DHCP, and Click Save.



A screenshot of a router's web interface. On the left is a blue sidebar with menu items: Status, Internet, WiFi, QoS, Wireless Repeater, TR069, More, and System. The 'Internet' menu item is highlighted. The main content area has a light blue background. At the top of this area is a white box containing the text 'Wan Type' followed by three radio buttons: 'PPPOE', 'DHCP' (which is selected with a blue dot), and 'Static IP'.

4. Step 4: Choose the WiFi page, and change the SSID and Password to improve your Wi-Fi network security. Click Save to save the configuration.

Status

Internet

WIFI

QoS

Wireless Repeater

More

System

Wlan ☒

Wlan Set

SSID

DH-XXXXXX

Enc Type

WPA2 Mixed

Password

\*\*\*\*\*

Wlan Schedule

Wlan Schedule

☐ Enable ☒ Disable

Wlan Params

Network Mode

11b/g/n

Wireless Chan

Auto

Band Width

20MHZ

WPS

Save

Reset

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## Documents / Resources

	<a href="#">dahua N300 Wireless Router</a> [pdf] User Guide N300 Wireless Router, N300, Wireless Router, Router
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## References

- [Dahua Technology USA Inc - Dahua Technology USA Inc](#)

- [User Manual](#)

Manuals+.