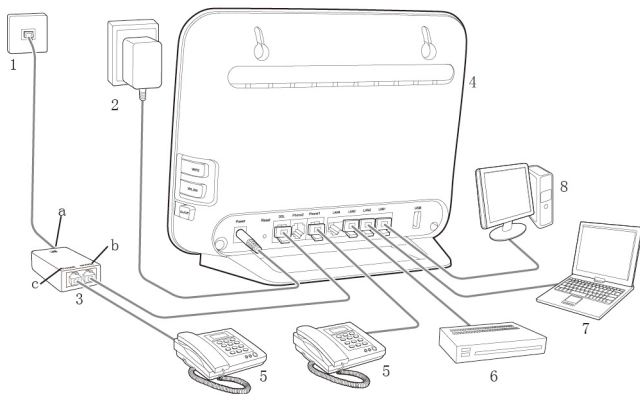


HG658 Home Gateway Quick Start

1 Connecting Cables



- | | | | | | |
|---|---------------------|---|------------------|---|-------------|
| 1 | Telephone wall jack | 2 | Power adapter | 3 | Splitter |
| 4 | HG658 | 5 | Telephone | 6 | Set-top box |
| 7 | Laptop computer | 8 | Desktop computer | a | LINE port |
| b | MODEM port | c | PHONE port | | |

2 Powering On the HG658

Press the **On/Off** button on the side panel to power on the HG658.

After you power on the HG658, the **WAN** indicator light blinks (for less than three minutes), indicating that the HG658 is being activated. Once activated, the **WAN** indicator light stops blinking and remains steady on. The **Power** indicator light also remains steady on, indicating that the HG658 is working properly.

3 Accessing the Internet

To set up network access for the HG658 and your computer:

Step 1 Open a web browser on your computer. Enter **http://192.168.1.1** in the address box, and then press **Enter**.

Step 2 On the login page, enter the user name (**user** by default) and password (**HuaweiUser** by default).

Step 3 Click **Login**.

After the system verifies your account, the web-based configuration utility is displayed.



The first time you log in to the web-based configuration utility, a setup wizard is displayed. To skip the wizard and go immediately to the HG658 configuration page, click **Advance**.

Step 4 In the displayed setup wizard, click **Next**.



If you have configured the HG658 before and you log in to the web-based configuration utility, the setup wizard page will not be displayed. However, you can still click **Setup Wizard** in the upper right corner to display the setup wizard page.

Step 5 Set **WAN device** based on your network type, and then enter the user name and password that are provided by your Internet Service Provider (ISP) in the **User name** and **Password** text boxes.

Step 6 Click **Next**.

Step 7 Set **SSID** and **WPA pre-shared key**, and then click **Next**.



Check the label on the HG658's rear panel for **SSID** and **WPA pre-shared key**.

Step 8 Click **Submit**.

After you complete the preceding settings, you can start surfing the Internet.

You need to perform the preceding operations on a computer only once. The next time you power on your computer, you can start surfing the Internet without any further configurations.

4 Setting Up a Wireless Connection

The following example uses a computer running the Windows 7 operating system to describe how to set up a wireless connection:

Step 1 Start the wireless configuration service of the Windows 7 operating system as follows:

1. Click **Start**, enter **services.msc** in the search box, and then press **Enter**.
2. In the **Services** window, right-click **WLAN AutoConfig** to display a shortcut menu, and then choose **Properties**.
3. Check that **Service status** is **Started**. If **Service status** is not **Started**, click **Start**.
4. Click **OK** to close the dialog box. Then close the **Services** window.

Step 2 Find **WLAN Name** and **WLAN Key** printed on the label of the HG658's rear panel.

Step 3 Configure the wireless network connection on the computer as follows:

1. Choose **Start > Control Panel > Network and Sharing Center > Change adapter settings**.
2. In the **Network Connections** window, right-click the wireless network you created to display a shortcut menu, and then choose **Connect/Disconnect**.
3. In the **Wireless Network Connection** dialog box, select the wireless network whose name is the same as the one you recorded in Step 2, and then click **Connect**.
4. In the **Connect to Network** dialog box, enter **WLAN Key** that you recorded in Step 2, and then click **OK**.

After the system verifies the password, **Connected** appears on the wireless network icon in the wireless network list, indicating that your computer has established a wireless connection to the HG658.



For more information, visit <http://www.huaweidevice.com> to download the HG658 user guide. Enter **HG658** in the search box to find the user guide.

5 Warnings and Precautions

To use the device properly and safely, read these warnings and precautions carefully and strictly observe them during operation. Unless otherwise specified, the term "device" refers to the device and its accessories.

Basic Requirements

- During storage, transportation, and operation of the device, keep it dry and prevent it from colliding with other objects.
- Do not dismantle the device. In case of any fault, contact an authorized service center for assistance or repair.
- Without authorization, no organization or individual can change the mechanical, safety, or performance design of the device.
- When using the device, observe all applicable laws and regulations and respect the legal rights of other people.

Environmental Requirements for Using the Device

- Before connecting and disconnecting cables, stop using the device, and then disconnect it from the power supply. Ensure that your hands are dry during operation.
- Keep the device far from sources of heat and fire, such as a heater or a candle.
- Keep the device far from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or a refrigerator.
- Place the device on a stable surface.
- Place the device in a cool and well-ventilated indoor area. Do not expose the device to direct sunlight.
- Use the device in an area with a temperature ranging from 0°C to 40°C.
- Do not block the openings on the device with any object. Reserve a minimum space of 10 cm around the device for heat dissipation.
- Do not place any object (such as a candle or a water container) on the device. If any foreign object or liquid enters the device, stop using the device immediately, power it off, remove all the cables connected to it, and then contact an authorized service center.
- During thunderstorms, power off the device, and then remove all the cables connected to it to prevent it from getting damaged due to lightning strikes.

Precautions for Using Wireless Devices

- When using the device, ensure that the antenna of the device is at least 20 cm away from all persons.
- Do not use the device where using wireless devices is prohibited or may cause interference or danger.
- The radio waves generated by the device may interfere with the operation of electronic medical devices. If you are using any electrical medical device, contact its manufacturer for the restrictions on the use of the device.
- Do not take the device into operating rooms, intensive care units (ICUs), or coronary care units (CCUs).

Areas with Inflammables and Explosives

- Do not use the device where inflammables or explosives are stored, for example, in a gas station, oil depot, or chemical plant. Otherwise, explosions or fires may occur. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in the same box as inflammable liquids, gases, or explosives.

Accessory Requirements

- Use only the accessories supplied or authorized by the device manufacturer. Otherwise, the performance of the device may get affected, the warranty for the device or the laws and regulations related to telecommunications terminals may become null and void, or an injury may occur.
- Do not use the power adapter if its cable is damaged. Otherwise, electric shocks or fires may occur.
- Ensure that the power adapter meets the specifications indicated on the device nameplate.
- Ensure that the power adapter meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1 and it is tested and approved according to national or local standards.
- For pluggable device, the socket-outlet shall be installed near the device and shall be easily accessible.

Safety of Children

Keep the device and its accessories out of the reach of children. Otherwise, they may damage the device and its accessories by mistake, or they may swallow the small components of the device, causing suffocation or other dangerous situations.

Maintenance

- If the device is not used for a long time, power it off, and then remove all the cables connected to it.
- If any exception occurs, for example, if the device emits any smoke or unusual sound or smell, stop using the device immediately, power it off, remove all the cables connected to it, and then contact an authorized service center.
- Do not trample, pull, or overbend any cable. Otherwise, the cable may get damaged, causing malfunction of the device.
- Before cleaning the device, stop using it, power it off, and then remove all the cables connected to it.
- Use a clean, soft, and dry cloth to clean the device shell. Do not use any cleaning agent or spray to clean the device shell.

Environmental Protection

- Do not dispose of the device and the accessories in a garbage can.
- Dispose of the device according to the local regulations on disposing of packing materials, exhausted batteries and abandoned devices, and support the recycling activity.

Federal Communications Commission (FCC) Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This device complies with part 68 of the FCC Rules.

This device should be installed and operated with a minimum distance of 20 cm between the antenna and all persons.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications made to this device not expressly approved by Huawei Technologies Co., Ltd. may void the FCC authorization to operate this device.

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