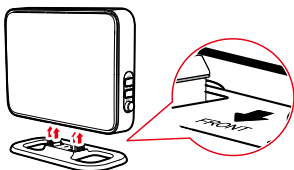


HG532s Home Gateway

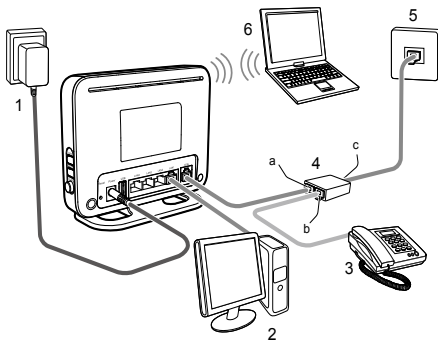
Quick Start

1 Installing the Base

When you install the base, ensure that the arrow on the base points to the front panel of the HG532s Home Gateway (HG532s for short).



2 Connecting Cables



1. Power adapter

4. Splitter

a. MODEM port

2. Desktop computer

5. Telephone wall jack

b. PHONE port

3. Telephone

6. Laptop computer

c. LINE port

3 Powering On the HG532s

Press the **On/Off** button on the side panel to power the HG532s on.

The **ADSL** indicator lights up and starts blinking. This indicates that the asymmetric digital subscriber line (ADSL) port activation is in progress. The blinking may last from 40 seconds to 3 minutes. When the **ADSL** indicator stops blinking and remains on, the HG532s is working correctly.

4 Setting Network Access Parameters

Accessing the Network Through the Embedded PPP Dial-up Software on the HG532s

If you select this method for accessing the network, the HG532s starts to set up a dial-up connection automatically after the startup. You can access the network after you power on your computer. You do not need to install any special dial-up software on your computer or perform dial-up operations on your computer. To configure the HG532s and your computer for the network access, do as follows:

Step 1 Verify the HG532s and the PC have connected properly, and the PC has obtained the IP address.



By default, the DHCP function of the HG532s is enabled. In this case, the HG532s assigns an IP address to your computer automatically and you do not need to configure the IP address of your computer.

Step 2 Log in to the Web-based configuration utility of the HG532s.

1. Launch the Internet Explorer on your computer. Enter **http://192.168.1.1** in the address bar, and then press **Enter**.
2. In the login dialog box, enter the user name (**admin** by default) and the password (**admin** by default), and then click **Login**.



If the user name and password have been changed, use the correct user name and password for login.

After the user name and the password are verified, you can access the Web-based configuration utility.

Step 3 Enable the embedded dial-up function.

1. In the navigation tree on the left, choose **Basic > WAN**.
2. Click the connection whose name is **O2 Fixed**.
3. Select **DSL** from the **Link Type** option button.
4. Select **Enable** for **WAN connection**.
5. Enter the VPI and VCI parameters that are provided by the network operator in the **VPI/VCI** text boxes.
6. Select **INTERNET** from the **Service list** option button.

7. Select **PPP(oE)** from the **Connection type** drop-down combo box.
8. Enter the user name and password that are provided by the network operator in the **User name** and **Password** text boxes, keep the default settings of other parameters.
9. Click **Submit**.

After you complete the preceding settings, you can surf the Internet.

You need to perform the preceding operations on a computer once only. The next time when you power on your computer, you can surf the Internet without any configuration.

Accessing the Network Through the PPP Dial-up Software on Your Computer

If you select this method for accessing the network, you need to install and configure the dial-up software on your computer. In addition, you need to perform dial-up operations on your computer upon each startup. To configure the HG532s and your computer for the network access, do as follows:

Step 1 Set the working mode of the HG532s to **Bridge**.

1. Log in to the Web-based configuration utility of the HG532s.
2. In the navigation tree on the left, choose **Basic** > **WAN**.
3. Click the connection whose name is **O2 Fixed**.
4. Select **DSL** from the **Link Type** option button.
5. Select **Enable** for **WAN connection**.
6. Enter the VPI and VCI parameters that are provided by the network operator in the **VPI/VCI** text boxes.
7. Select **INTERNET** from the **Service list** option button.
8. Select **Bridge** from the **Connection type** drop-down combo box.
9. Click **Submit**.

Step 2 Install and configure the PPP dial-up software on your computer.

Step 3 The following example uses a computer running the Windows 7 operating system to describe how to set up a dial-up connection using the system-provided PPP dial-up software:

1. Choose **Start** > **Control Panel** > **Network and Sharing Center**.
2. Under **Change your network settings**, click **Set up a new connection or network**.
3. In the **Set Up a Connection or Network** dialog box, select **Connect to the Internet**, and click **Next**.
4. In the **Connect to the Internet** dialog box, select **Set up a new connection anyway**, and click **Next**.
5. Select **Broadband (PPPoE)**, and click **Next**.
6. Under **Type the information from your Internet service provider (ISP)**, enter the user name and password provided by your operator. In **Connection name**, enter a name for your connection, and click **Connect**.

The system then tries to connect to the Internet.

The preceding steps need to be performed only once. To verify the connection you just created, choose **Network and Sharing Center > Change adapter settings**.

To connect to the Internet, double-click the connection, and click **Connect** in the dialog box.

5 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 press **Enter**.
2. In the **Services** window, right-click **WLAN AutoConfig** to display a shortcut menu, and 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, and then close the **Services** window.

Step 2 Find the wireless network name (**SSID**) and its password (**WLAN Key**) printed on the label on the HG532s's rear panel.



If they have been changed, please use the new wireless network name and password.

Step 3 View and connect to available wireless networks:

1. Open **Connect to a Network** by clicking the network icon ( or ) in the notification area.
2. In the list of available wireless networks, click on the wireless connection name that you got in Step 2, and then click **Connect**.
3. Enter the WLAN Key when prompted and then click **Connect**.

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 HG532s.

6 Safety information

This section contains important information about the operation of your device. It also contains information about how to use the device safely. Read this information carefully before using your device.

Electronic Device

Do not use your device if using the device is prohibited. Do not use the device if doing so causes danger or interference with other electronic devices.

Interference with Medical Equipment

- Follow rules and regulations set forth by hospitals and health care facilities. Do not use your device where prohibited.
- Some wireless devices may affect the performance of hearing aids or pacemakers. Consult your service provider for more information.
- Pacemaker manufacturers recommend that a minimum distance of 15 cm be maintained between a device and a pacemaker to prevent potential interference with the pacemaker. If using a pacemaker, hold the device on the side opposite the pacemaker and do not carry the device in your front pocket.

Areas with Flammables and Explosives

- Do not use the device where flammables or explosives are stored (in a gas station, oil depot, or chemical plant, for example). Using your device in these environments increases the risk of explosion or fire. In addition, follow the instructions indicated in text or symbols.
- Do not store or transport the device in containers with flammable liquids, gases, or explosives.

Operating Environment

- Avoid dusty, damp, or dirty environments. Avoid magnetic fields. Using the device in these environments may result in circuit malfunctions.
- Before connecting and disconnecting cables, stop using the device and disconnect it from the power supply. Ensure that your hands are dry during operation.
- Place the device on a stable surface.
- Keep the device away from electronic appliances that generate strong magnetic or electric fields, such as a microwave oven or refrigerator.
- During thunderstorms, power off your device and remove all cables connected to it to protect against lightning strikes.
- Do not use your device during thunderstorms to protect your device against any danger caused by lightning.
- Ideal operating temperatures are 0°C to 40°C. Extreme heat or cold may damage your device or accessories.
- Keep the device and accessories in a well-ventilated and cool area away from direct sunlight. Do not enclose or cover your device with towels or other objects. Do not place the device in a container with poor heat dissipation, such as a box or bag.
- To protect your device or accessories from fire or electrical shock hazards, avoid rain and moisture.

- Keep the device away from sources of heat and fire, such as a heater, microwave oven, stove, water heater, radiator, or candle.
- 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, immediately stop using it, power it off, and remove all cables connected to it. Then, contact an authorized service center.
- Observe local laws and regulations, and respect the privacy and legal rights of others.
- Do not block device openings. Reserve a minimum of 10 cm around the device to dissipate heat.
- Stop using your device or applications for a while if the device is overheated. If skin is exposed to an overheated device for an extended period, low temperature burn symptoms, such as red spots and darker pigmentation, may occur.
- Do not touch the device's antenna. Otherwise, communication quality may be reduced.
- Do not allow children or pets to bite or suck the device or accessories. Doing so may result in damage or explosion.
- The device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.
- Keep the device in a place with good reception. The distance between the device and other metal materials (such as metal brackets or metal doors and windows) should be greater than 25 cm and the distance between the device should be greater than 30 cm.

Child's Safety

Comply with all precautions with regard to child's safety. Letting children play with the device or its accessories may be dangerous. The device includes detachable parts that may present a choking hazard. Keep away from children.

Accessories

- Using an unapproved or incompatible power adapter, charger or battery may cause fire, explosion or other hazards.
- Choose only accessories approved for use with this model by the device manufacturer. The use of any other types of accessories may void the warranty, may violate local regulations and laws, and may be dangerous. Please contact your retailer for information about the availability of approved accessories in your area.
- Use only the following listed AC Adapters/Power Supplies:
 - Adapter 1 model: HW-120100B6W
 - I/P:100-240V,50/60Hz,0.5A,O/P 12V, 1.0A
 - Adapter 2 model: HW-120100E6W
 - I/P:100-240V,50/60Hz,0.5A,O/P 12V, 1.0A

Power Adapter Safety

- The power plug is intended to serve as a disconnect device.
- For pluggable devices, the socket-outlet shall be installed near the devices and shall be easily accessible.
- Unplug the power adapter from electrical outlets and the device when not in use.
- Do not drop or cause an impact to the power adapter. If it is damaged, take it to an authorized service center for inspection.

- If the power cable is damaged (for example, the cord is exposed or broken), or the plug loosens, stop using it at once. Continued use may lead to electric shocks, short circuits, or fire.
- Do not touch the power cord with wet hands or pull the power cord to disconnect the power adapter.
- Do not touch the device or the power adapter with wet hands. Doing so may lead to short circuits, malfunctions, or electric shocks.
- If your power adapter has been exposed to water, other liquids, or excessive moisture, take it to an authorized service center for inspection.
- Ensure that the power adapter meets the requirements of Clause 2.5 in IEC60950-1/EN60950-1 and has been tested and approved according to national or local standards.

Cleaning and Maintenance

- During storage, transportation, and operation of the device, keep it dry and protect it from collision.
- Keep the device and accessories dry. Do not attempt to dry it with an external heat source, such as a microwave oven or hair dryer.
- Do not expose your device or accessories to extreme heat or cold. These environments may interfere with proper function and may lead to fire or explosion.
- Avoid collision, which may lead to device malfunctions, overheating, fire, or explosion.
- If the device is not going to be used for an extended period of time, power it off, and remove all cables connected to it.
- If anything unusual occurs (for example, if the device emits smoke or any unusual sound or smell), immediately stop using it, power it off, remove all cables connected to it, and contact an authorized service center.
- Do not trample, pull, or excessively bend any cable. Doing so may damage the cable, causing the device to malfunction.
- Before you clean or maintain the device, stop using it, stop all applications, and disconnect all cables connected to it.
- Do not use any chemical detergent, powder, or other chemical agents (such as alcohol and benzene) to clean the device or accessories. These substances may cause damage to parts or present a fire hazard. Use a clean, soft, and dry cloth to clean the device and accessories.
- Do not place magnetic stripe cards, such as credit cards and phone cards, near the device for extended periods of time. Otherwise the magnetic stripe cards may be damaged.
- Do not dismantle or remanufacture the device and its accessories. This voids the warranty and releases the manufacturer from liability for damage. In case of damage, contact an authorized service center for assistance or repair.

Disposal and Recycling Information



This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal.

For more detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.

Disposal of the device and batteries (if included) is subject to WEEE Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.

Reduction of Hazardous Substances

This device is compliant with the REACH Regulation [Regulation (EC) No 1907/2006] and RoHS Directive Recast (Directive 2011/65/EU). Batteries (if included) are compliant with the Battery Directive (Directive 2006/66/EC). For up-to-date information about REACH and RoHS compliance, please visit the web site www.huaweidevice.com/certification.

EU Regulatory Conformance

Statement

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.

For the declaration of conformity, visit the web site www.huaweidevice.com/certification.

The following marking is included in the product:

CE0700

This device may be operated in all member states of the EU.

Observe national and local regulations where the device is used.

This device may be restricted for use, depending on the local network.

Restrictions in the 2.4 GHz band:

Norway: This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.

FCC Regulatory Compliance

FCC Statement

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.

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.

Caution: Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

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