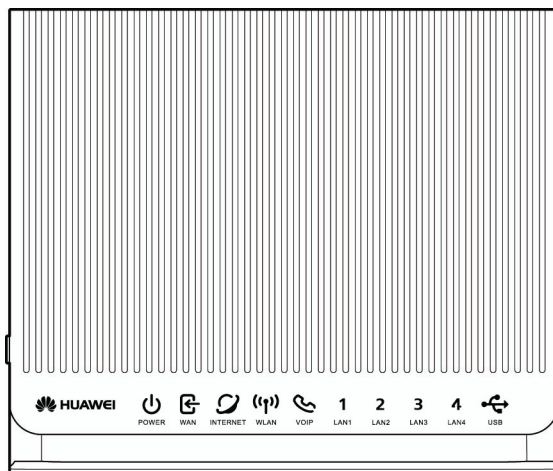


HUAWEI HG256

Home Gateway Quick Start

1 Introduction

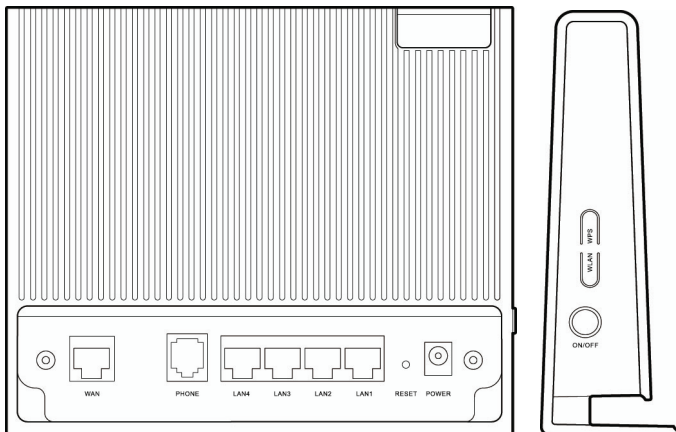
1.1 The Front Panel of the HG256



The front panel of the HG256 provides the following indicators:

- One power indicator: **POWER**
- One WAN indicator: **WAN**
- One Internet indicator: **INTERNET**
- One WiFi indicator: **WLAN**
- One VoIP indicator: **VOIP**
- Four LAN indicators: **LAN1, LAN2, LAN3, LAN4**
- One USB indicator: **USB**

1.2 The Rear and Side Panel of the HG256



1. The rear panel of the HG256 provides the following interfaces and button:

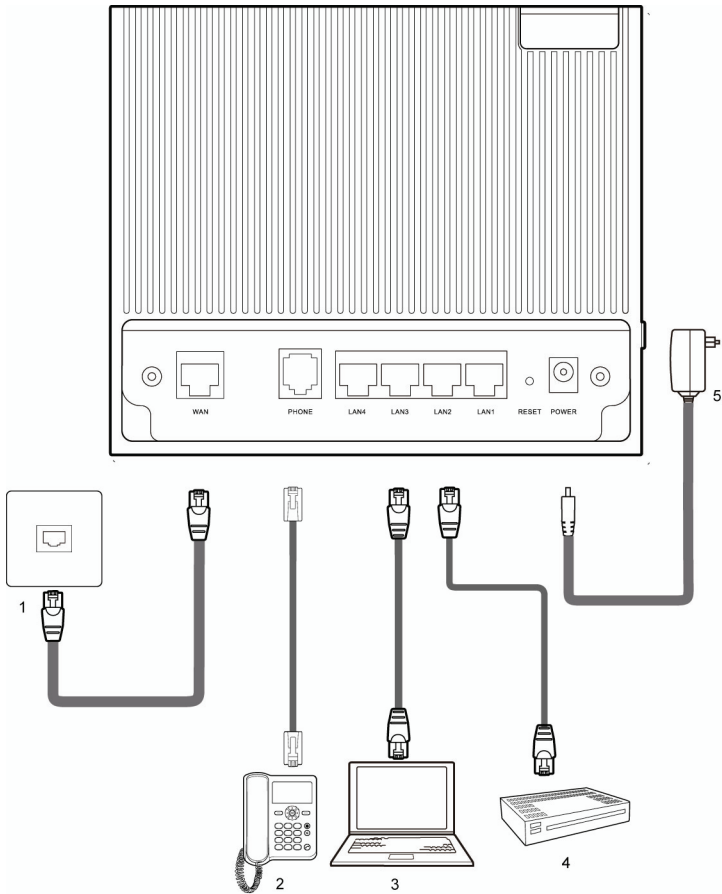
- One WAN interface: **WAN**
- One PHONE interface: **PHONE**
- Four LAN interfaces: **LAN1, LAN2, LAN3, LAN4**
- One Reset button: **RESET**
- One power interface: **POWER**

2. The side panel of the HG256 provides the following interface and buttons:

- One USB interface: **USB**
- One WPS button: **WPS**
- One WLAN button: **WLAN**
- One ON/OFF button: **ON/OFF**

2 Installation Guide

The figure as below shows the cable connections.



- | | | | | | |
|---|--------------------------|---|---------------|---|----|
| 1 | Network jack on the wall | 2 | Phone | 3 | PC |
| 4 | Set-top box | 5 | Power adapter | | |

To connect the cables for installing the HG256, do as follows:

- Step 1** Connect the WAN interface on the rear panel of the HG256 to the network jack with a network cable.
- Step 2** Connect a telephone to the PHONE interface of the HG256 with a telephone cable.
- Step 3** Connect Ethernet interface on the computer to any of the four LAN interfaces on the rear panel of HG256 with a network cable.
- Step 4** Connect the power adapter to the power interface on the rear panel of the HG256 and plug the power adapter into a wall outlet.

3 Getting Started

To power on the HG256, press the **ON/OFF** button on the side panel of the HG256.

After you power on the HG256, the **POWER** and **INTERNET** indicators turn solid on, which indicates that the HG256 is working properly.

4 Configuring the Wireless Network Connection

If a wireless network adapter is installed on your computer, you can connect your computer to the HG256 through a wireless connection.

There are two methods to configure the wireless network connection to enable the Wi-Fi function of the HG256:

4.1 Setting Up a Wireless Connection Manually

To configure the wireless network connection through the web page, do as follows:

- Step 1** Record the WLAN name and the WLAN access password.



The WLAN name (SSID) and WLAN access password of the HG256 are preset before delivery. You can find them from the label on the rear panel of the HG256 or consult the Internet Service Provider (ISP).

- Step 2** Configure the wireless network connection on your computer (taking the Windows XP operating system as an example):
 1. Choose **Start > All Programs > Accessories > Communications > Network Connections**.

2. In the **Network Connections** window, right-click **Wireless Network Connection** to display a shortcut menu, and then select **View Available Wireless Networks** from the shortcut menu.
3. Select the wireless network that is configured in Step 1 from the wireless network list, and then click **Connect** in the lower right corner of the window.
4. In the displayed dialog box, enter the access password that is preset in Step 1, and then click **Connect**.

After the password is verified, **Connected** appears on the icon of the wireless network in the wireless network list, which indicates that your computer is connected to the HG256 through wireless connection.

4.2 Setting Up a Wireless Connection by the WPS button

If the wireless network adapter on your computer can support the WPS function, you can connect your computer to the HG256 wirelessly as follows:

Step 1 Press the WPS button of the HG256 to enable the HG256 to enter the WPS negotiation state. The WLAN indicator of the HG256 blinks.

The WiFi function is enabled by default and the WLAN indicator is on, so you do not need to press the WLAN button.

Step 2 Enable the WPS negotiation function of the wireless network adapter on your PC within two minutes, and then wait for a moment (typically 10s and at most 120s).

The WPS indicator of the HG256 becomes on from the blinking state, indicating that the HG256 is connected to your PC through the WLAN.



For more information about the functions and the configuration of the HG256, see the User Guide contained in the CD-ROM.

Copyright © Huawei Technologies Co., Ltd. 2010. All rights reserved.

Trademarks and Permissions



HUAWEI, HUAWEI, and  are trademarks or registered trademarks of Huawei Technologies Co., Ltd.

Other trademarks, product, service and company names mentioned are the property of their respective owners.

NO WARRANTY

THE CONTENTS OF THIS MANUAL ARE PROVIDED "AS IS". EXCEPT AS REQUIRED BY APPLICABLE LAWS, NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE MADE IN RELATION TO THE ACCURACY, RELIABILITY OR CONTENTS OF THIS MANUAL.

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, IN NO CASE SHALL HUAWEI TECHNOLOGIES CO., LTD BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT, OR CONSEQUENTIAL DAMAGES, OR LOST PROFITS, BUSINESS, REVENUE, DATA, GOODWILL OR ANTICIPATED SAVINGS.

Issue: 01 (2010-3-10)

Part Number: 201196