

Wi-Fi Router HG8245Q

User Guide

Issue 1: Dated 13 December 2016



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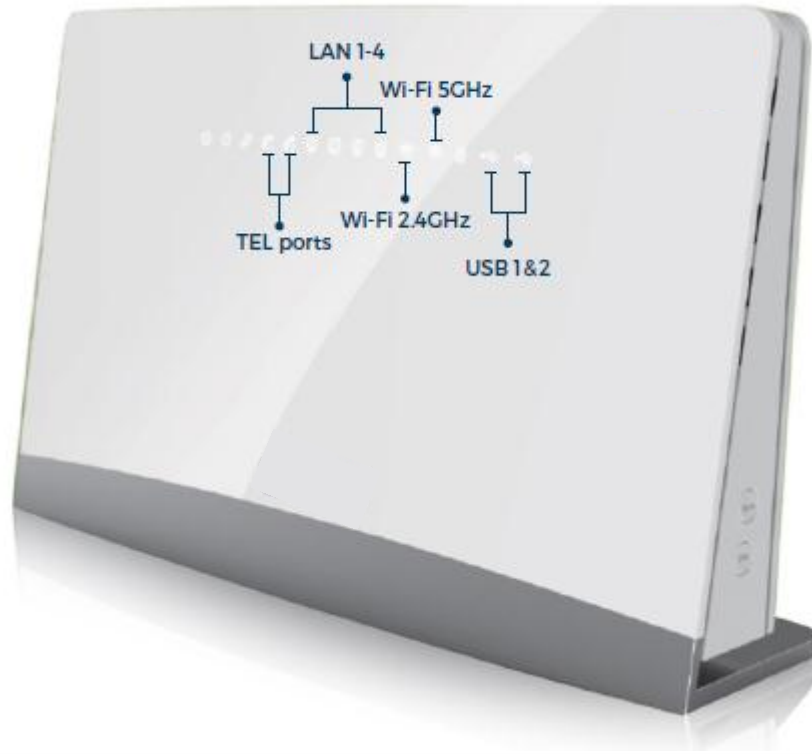
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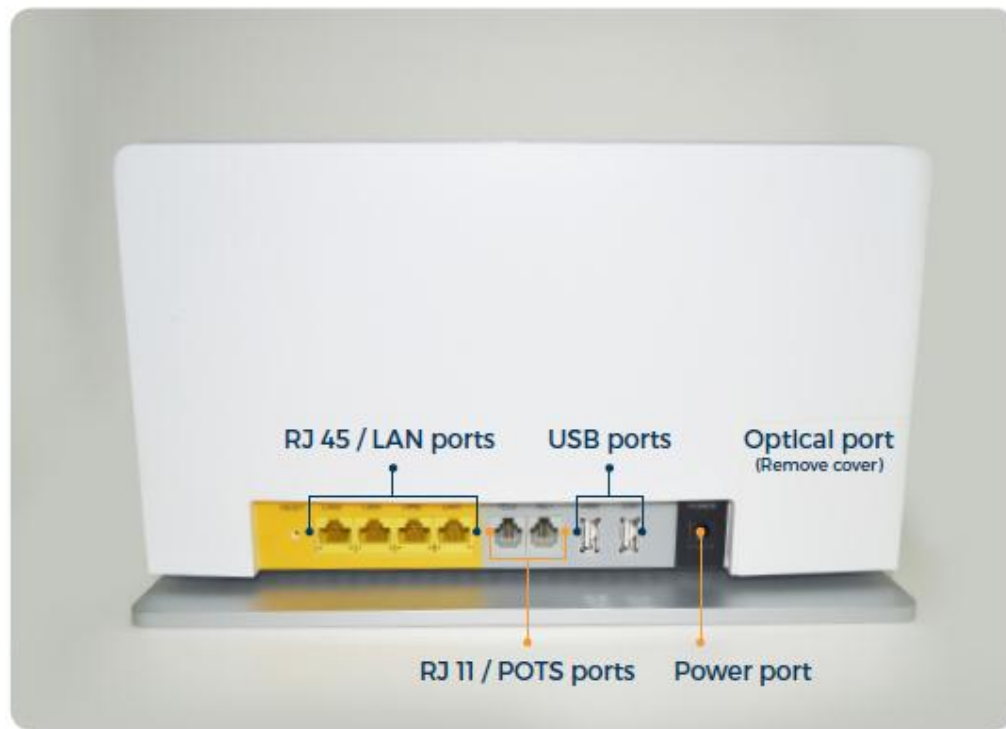
Wi-Fi router | front view

The front panel has several LEDs which help you understand the status of your router.



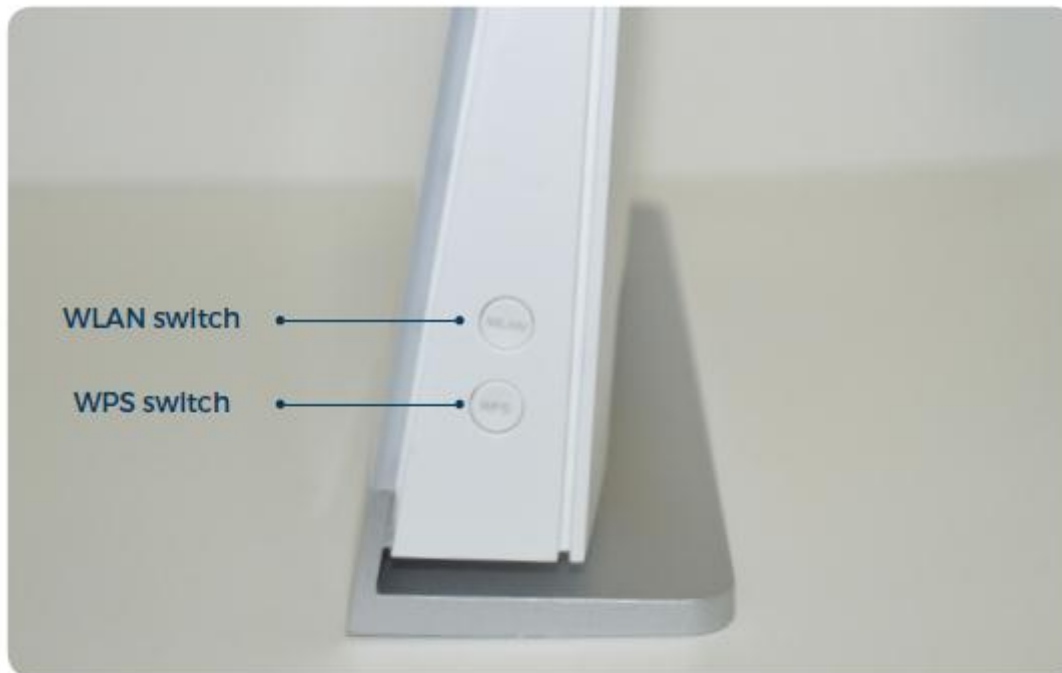
Wi-Fi router | back view

The back panel has several ports as illustrated in below.



Wi-Fi router | side view

On the side panel, there are the WLAN and WPS buttons.



Note:
The WPS key can be used to pair devices (ex: Wi-Fi extenders, printers) to the router without accessing configuration settings.

Positioning the Wi-Fi router

Position the Wi-Fi router at the right place to get the best Wi-Fi experience.

Tip 1: Place the router in a central location: Find a spot in the middle of your business. Ideally, it'll be where the Internet is mostly used. Avoid placing the router in corners.

Tip 2: Avoid thick walls: The thicker the wall, the harder it is for the Wi-Fi signal to pass through.

Tip 3: Elevate the router: Place the router in an elevated location, such as a table or a shelf.

Tip 4: Stay clear of electronic equipment: Place the router away from electronic equipment, like cordless phones, Bluetooth devices and security systems. They are potential sources of interference.

Getting started

You can connect to the Internet:

- Via Wi-Fi
- Via cable (LAN or RJ45 cable)

Two networks are available via the router: XXXXX_2.4GHz & XXXXX_5GHz

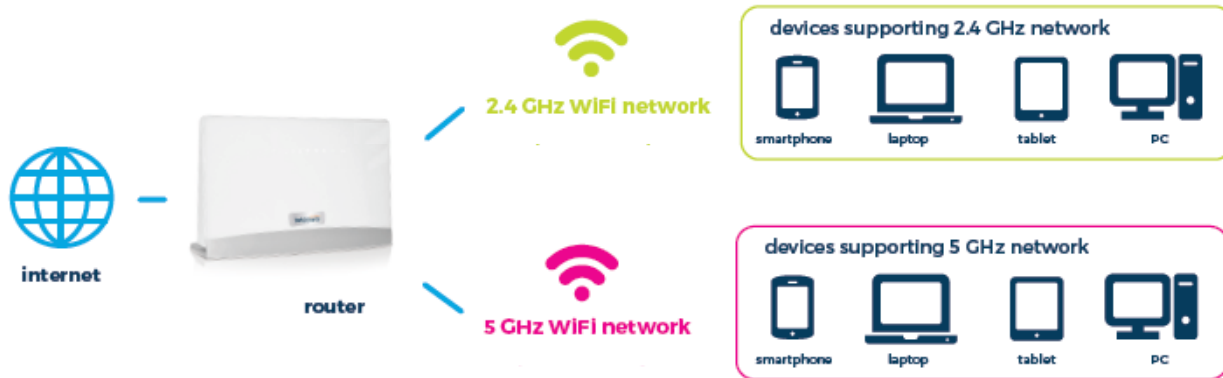
Your experience is never compromised. The 5GHz Wi-Fi network is free from interference.

Getting started | via Wi-Fi

Two Wi-Fi networks are available:

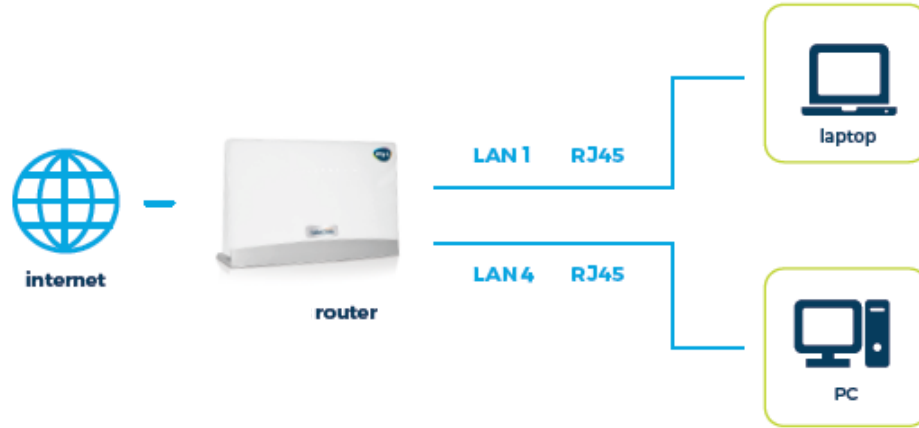
- 2.4 GHz Wi-Fi network
- 5 GHz Wi-Fi network

Depending on the device compatibility (smartphone/ PC/ laptop), both Wi-Fi networks may be visible or only the 2.4 GHz Wi-Fi network.



Getting started | via cable (LAN/ RJ45)

Connect the RJ45 cable from the either of LAN ports 1 or 4 of the router to the LAN port of your PC/ laptop.



Depending on your device compatibility (PC/ laptop/ others), you will be automatically connected to the 5GHz network. Otherwise, you will be connected to the 2.4GHz network.

Great to know!

Best internet speed is guaranteed on the 5GHz network via a LAN cable which is free from wireless interference.

Changing the Wi-Fi name & password

1. Enter 192.168.100.1 in the address field of your browser. The welcome screen appears.
2. Insert your username and password and click on 'Login'

Username: telecomadmin

Password: admintelecom



HUAWEI HG8245

Account : telecomadmin

Password : Login

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3. Select 'WLAN' from the top menu. You will be re-directed to the 2.4G Basic Network Settings.
4. In the SSID Name field, insert the name you wish to have for your Wi-Fi network

Changing the Wi-Fi name & password (cont'd)

5. In the WPA PreSharedKey field, insert the password you wish to for your Wi-Fi network
6. Click on 'Apply'
7. Select '5G Basic Network Settings' from the column appearing on the left and complete the steps 3 - 5.

Your router will restart automatically. You may then select the new Wi-Fi network name from your device (smartphone/ tablet/ laptop/ PC) and insert the new password.

The screenshot shows the Huawei HG8245Q router's web interface. The top navigation bar includes 'Status', 'WAN', 'LAN', 'IPv6', 'WLAN', 'Priority', 'Route', 'Forward Rules', 'Network Application', 'Voice', and 'System Tools'. The 'WLAN' tab is selected, and the '2.4G Basic Network Settings' page is displayed. The left sidebar shows '2.4G Basic Network Settings', '2.4G Advanced Network Settings', '5G Basic Network Settings' (highlighted with a pink box and number 7), '5G Advanced Network Settings', 'Automatic WiFi Shutdown', and 'WiFi Coverage Management'. The main content area shows the '2.4G Basic Network Settings' page with a yellow warning box and a table of SSID configurations. The 'WLAN' checkbox is checked. The 'SSID Configuration Details' section is visible, showing the SSID Name 'Telecom_2G_1' (highlighted with a pink box and number 4), SSID Status 'Enabled', and Number of Associated Devices '32'. The 'WPA PreSharedKey' field is highlighted with a pink box and number 5, and the 'Apply' button is highlighted with a pink box and number 6.

Disabling Wi-Fi at specific periods

You can disable the Wi-Fi network for a specific period of time by following the steps below:

1. Enter 192.168.100.1 in the address field of your browser. The welcome screen appears.

2. Insert your username and password and click on 'Login'

Username: telecomadmin

Password: admintelecom

3. Select 'WLAN' from the top menu. You will be re-directed to '2.4G Basic Network Settings'.

4. On the column appearing on the left, select 'Automatic Wi-Fi Shutdown'

The screenshot shows the Huawei HG8245Q web management interface. The top navigation bar includes 'WLAN' (highlighted with a red box and the number 3) and 'Automatic Wi-Fi Shutdown' (highlighted with a red box and the number 4). The main content area displays a warning message and a table of SSID configurations.

SSID Index	SSID Name	SSID Status	Number of Associated Devices	Broadcast SSID	Security Configuration
1	Telecom_2G_1	Enabled	10	Enabled	Configured

SSID Configuration Details

SSID Name: Telecom_2G_1 (1-32 characters)

Enable SSID:

Note:

This would NOT stop the wired internet connection from working.

Disabling Wi-Fi at specific periods (cont'd)

5. Tick the box next to 'Enable automatic Wi-Fi shutdown'
6. Insert the start time, end time and the days
7. Click on 'Apply'

HUAWEI HG8245Q Logout

Status WLAN LAN IPv6 **WLAN** Security Route Forward Rules Network Application Voice **System Tools** 8

2.4G Basic Network Settings
2.4G Advanced Network Settings
5G Basic Network Settings
5G Advanced Network Settings

Automatic WiFi Shutdown
WiFi Coverage Management

WLAN > Automatic WiFi Shutdown

On this page, you can enable automatic WiFi shutdown in a specified period as required.

Automatic Shutdown Configuration

5 Enable automatic WiFi shutdown

	Start	End	Mon	Tues	Wed	Thur	Fri	Sat	Sun
1	10:50	11:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
2			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
3			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
4			<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

7 Apply Cancel

8. Go to 'System Tools'
9. On the column appearing on the left, click on 'Configuration File'
10. Click on 'Save'
11. You may then log out from the interface by clicking on 'Logout' from the top right corner



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