

Wi-Fi Router HG8245Q

User Guide



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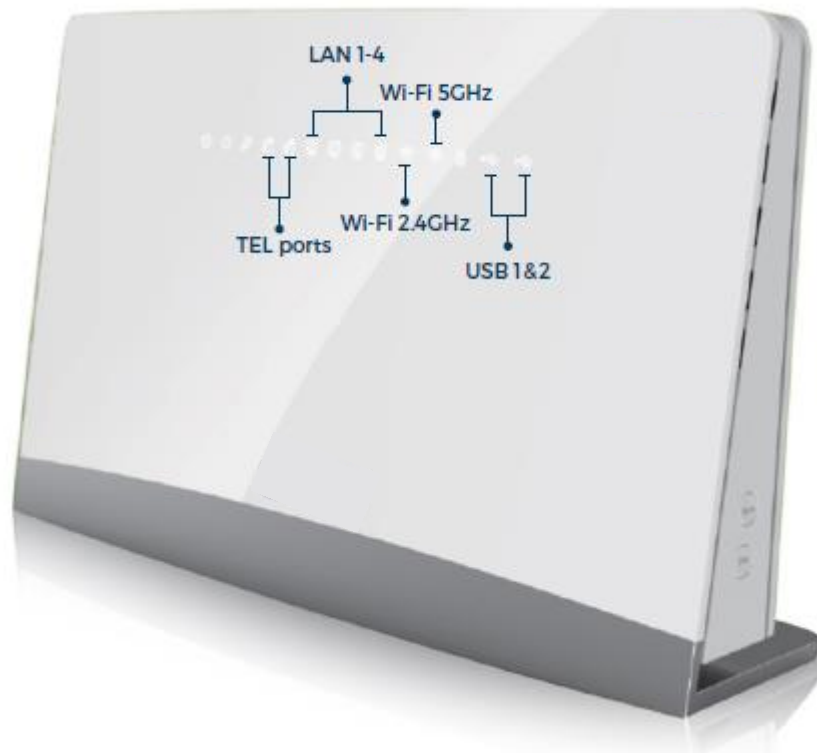
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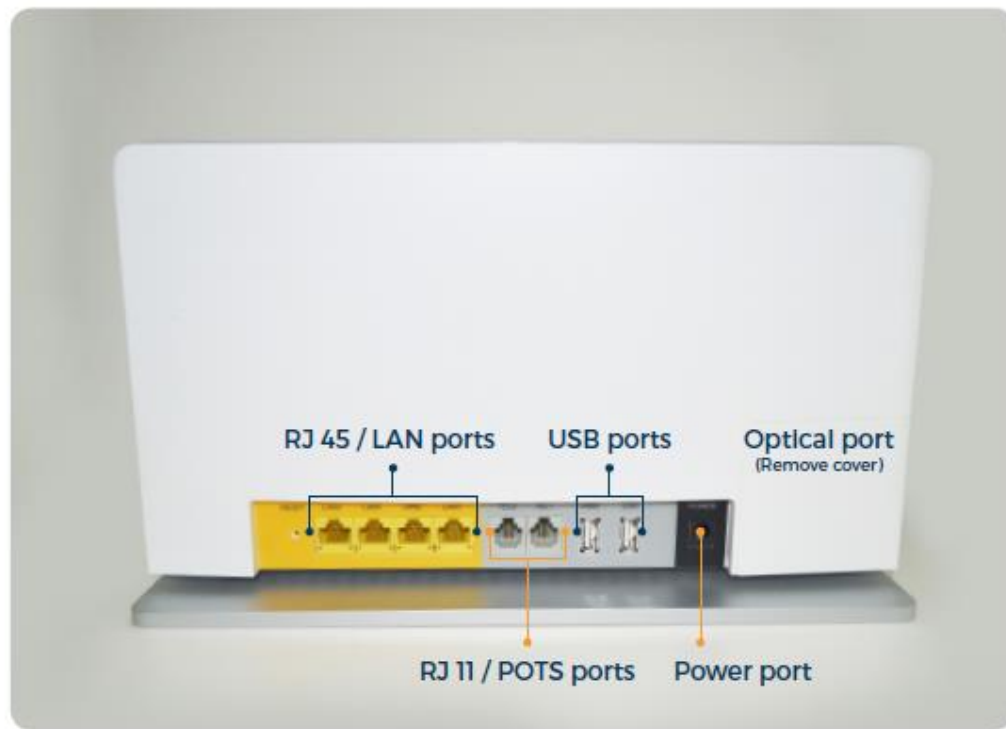
Wi-Fi router | front view

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



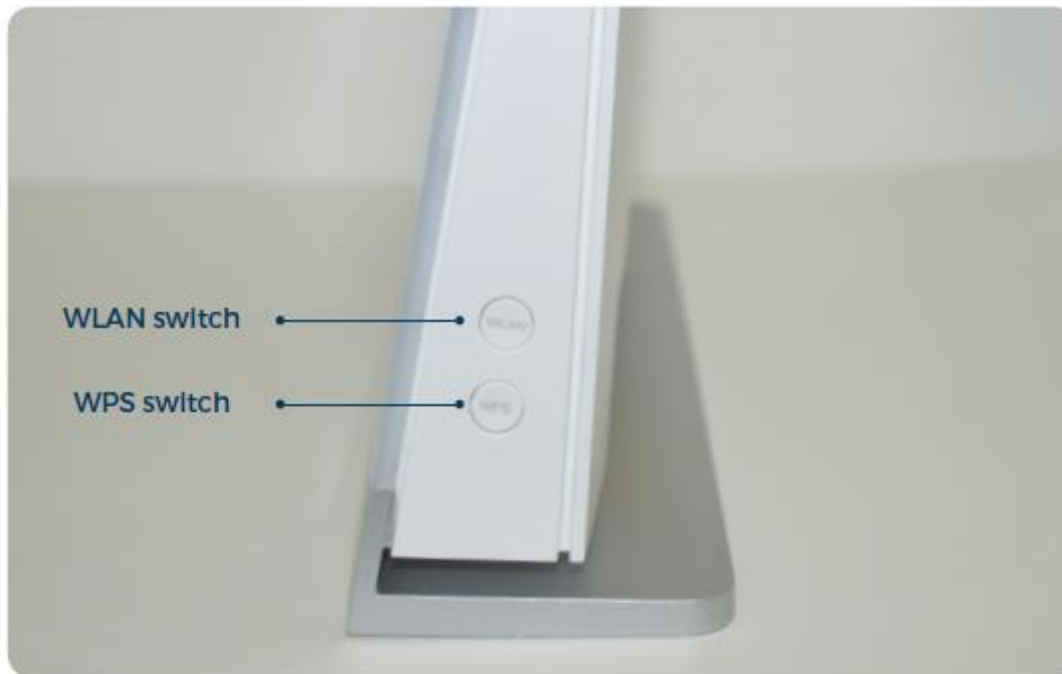
Wi-Fi router | back view

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

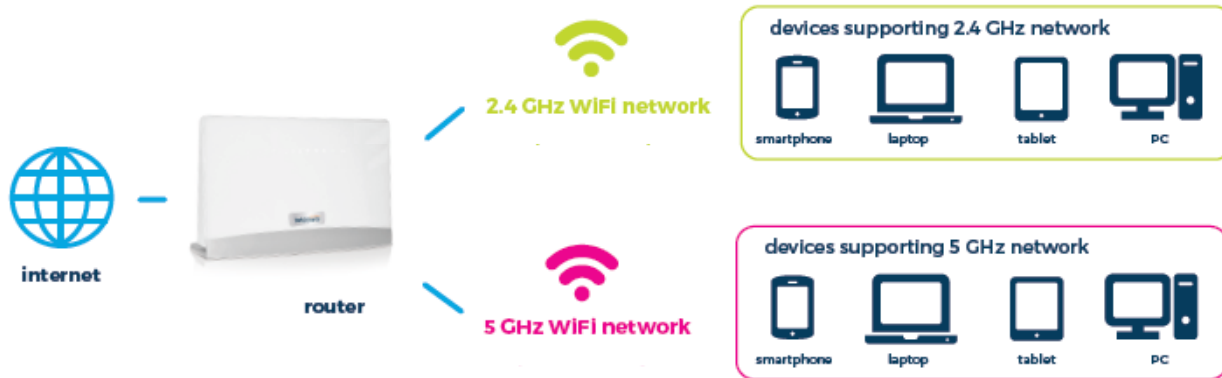
Your experience is never compromised. The 5GHz Wi-Fi network is free from interference.

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:

Password:

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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 web interface. The top navigation bar includes 'Status', 'WAN', 'LAN', 'IPv6', 'WLAN', '3', 'Priority', 'Route', 'Forward Rules', 'Network Application', 'Voice', and 'System Tools'. The left sidebar lists '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 is titled '2.4G Basic Network Settings' and '5G Basic Network Settings'. A yellow warning box states: 'On this page, you can set the basic parameters of 2.4 GHz wireless network. When the 2.4 GHz wireless network is disabled, this page is blank. Caution: 1. Wireless network services may be interrupted temporarily after you modify wireless network parameters. 2. It is recommended that you use the WPA2 or WPA/WPA2 authentication mode for security purposes.' Below the warning, there is a checkbox for 'Enable WLAN' which is checked. A table shows the SSID configuration for 'Telecom_2G_1' with SSID Status 'Enabled' and 10 associated devices. The 'SSID Configuration Details' section includes fields for 'SSID Name' (Telecom_2G_1, highlighted with a pink box and number 4), 'Enable SSID' (checked), 'Number of Associated Devices' (10), 'Broadcast SSID' (checked), 'Enable WMM' (checked), 'Authentication Mode' (WPA/WPA2 PreSharedKey), and 'Encryption Mode' (TKIP/AES). The 'WPA PreSharedKey' field is highlighted with a pink box and number 5. At the bottom, 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 '3') and other menu items like 'Route', 'Forward Rules', 'Network Application', 'Voice', and 'System Tools'. The left sidebar has 'Automatic Wi-Fi Shutdown' highlighted with a red box and '4'. The main content area displays a warning message: 'On this page, you can set the basic parameters of 2.4 GHz wireless network. When the 2.4 GHz wireless network is disabled, this page is blank.' Below the warning is 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

Below the table, there is a section for 'SSID Configuration Details' with input fields for 'SSID Name' (containing 'Telecom_2G_1') and 'Enable SSID' (checked).

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
WLAN 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
6 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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