User Guide
Vodafone Mobile Wi-Fi
R206-Z

Designed
by Vodafone

Welcome

to the world of mobile communications

Welcome

The Vodafone Mobile Wi-Fi R206-Z creates a personal portable Wi-Fi zone which allows several Wi-Fi enabled devices (for example PCs, Apple® iPhone, iPad or iPod touch, or mobile gaming devices such as Nintendo® DSi, Android devices including smartphones and tablets) to share a secure mobile internet connection.

The device is battery, mains or USB powered, and this flexibility allows the device to be positioned for best mobile coverage and then share this coverage between several devices via Wi-Fi.
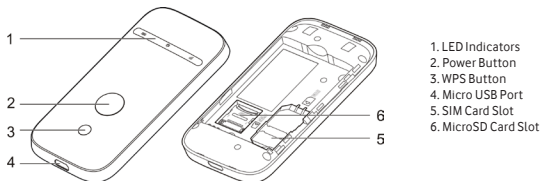
Advanced configuration using a cable or Wi-Fi

To perform advanced configuration of the device, browse to the web UI http://VodafoneMobile.wifi or http://192.168.0.1 from a computer running Microsoft® Windows® 8, Windows® 8 RT (Wi-Fi access only), Windows® 7 (SP1 recommended), Windows Vista™ (SP2 recommended), or Windows® XP (SP3 required), a computer running Linux (Wi-Fi configuration only, not cable), or an Apple Mac running Mac OS® X 10.6 (Intel®), 10.7 or 10.8 (all with latest updates).

Advanced configuration for iPhone / iPad / iPod Touch / smartphone / tablet users

Apple device users should use the Safari browser to browse to the web UI http://VodafoneMobile.wifi or http://192.168.0.1 , or download the Vodafone Mobile Wi-Fi Monitor app. Smartphone and tablet users can check the device status by downloading the Vodafone Mobile Wi-Fi Monitor app from the App Store in iTunes or the Android Market / Google Play. See Page 15 for sample app screenshots.

Device overview

1. LED Indicators
2. Power Button
3. WPS Button
4. Micro USB Port
5. SIM Card Slot
6. MicroSD Card Slot

LEDs

 Network

 Messages

 Battery

End User Licence Agreement (EULA)

Please ensure that you have read and accepted the software EULA for your country before using the Vodafone Mobile Wi-Fi application or device. The EULA is available here:
www.support.vodafone.com/VodafoneMobileWiFi/R206-Z

1. To prepare the Vodafone Mobile Wi-Fi R206-Z, you need to insert your SIM, MicroSD card (optional) and battery before use. Note the Wi-Fi network name (SSID) and secure Wi-Fi network key that can be found on a label inside the back cover of the device and on the reminder card.

Remove back cover

SIM card

MicroSD card

Insert battery

Replace back cover
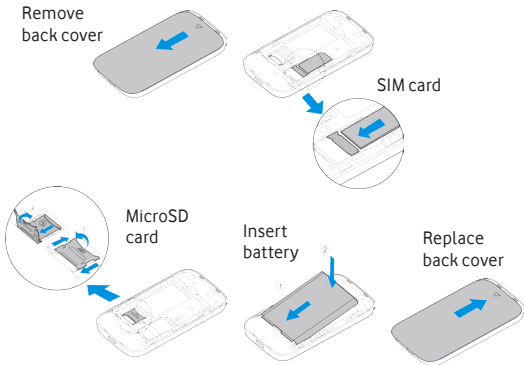
2. Plug the device into the mains or your PC. The battery will be charged in the background. Make sure the device is fully charged (approximately 3.5 hours on mains) before using it in battery mode. Please only use the supplied charger with this device.

3. Switch on the device by pressing and holding the power button for 3 seconds. The device will go through its start-up sequence, and will automatically connect to the network unless a PIN code for SIM is required. Check the display for connection status.

4. Use the normal Wi-Fi application on your computer or device to connect. Select the Mobile Wi-Fi network from the list of available Wi-Fi networks, click Connect and enter the WPA2 password (secure Wi-Fi network key). If your connecting device has WPS functionality, you can press and hold the WPS button on the R206-Z for 5 seconds (all 3 LEDs will flash simultaneously), then any WPS-enabled device can connect without requiring the network key.

Congratulations — you now have internet access via Vodafone Mobile Wi-Fi.

5. When you are connected to the Vodafone Mobile Wi-Fi R206-Z via Wi-Fi or a USB cable, you can access the Vodafone Mobile Wi-Fi configuration screen by clicking on the Mobile Wi-Fi desktop icon 🌐 (if you have installed via USB), or by typing either http://VodafoneMobile.wifi or http://192.168.0.1 into your web browser. You can change settings and check the device and network status from this browser page.

Mobile Wi-Fi web UI application screen

1 **Navigation tabs:** Select Mobile Wi-Fi, Storage, SMS or Account view

2 **Navigation bar:** Select an area within each view

3 **Current network panel:** Status of mobile network connection, battery and Wi-Fi status and connected devices

4 **Content area:** Content for current area

5 **Context help:** Context-sensitive help for current area

6 **Language selection:** Defaults to browser language

7 **Login/Logout:** For advanced configuration options. Default password is 'admin'

Note: Every window in the Mobile Wi-Fi web UI application has this same standard layout.

Context-sensitive help for each window is always available at the bottom of the window.

Sometimes an additional Menu bar will appear on the left of the window.

Current network panel

The Current network panel appears on the right-hand side of every screen within the Vodafone Mobile Wi-Fi web UI application, with additional panels for battery, Wi-Fi and connected device status below. 'Roaming network' is shown at the top of the panel when you are roaming on another operator's network, or 'Home network'.

Mobile number – Shown if permitted by your network operator
Signal – More bars indicates better mobile network signal. For best performance position the device so 3 or more bars are displayed with 3G/HSUPA coverage in the Network field
Status – Tick when connected to network; Cross when not connected
Network – Name and bearer of currently connected network
Time connected – For current connection to network
Total volume – Approximate cumulative data usage
Up / Down – Approximate connection speed: 'Up' to the network from your computer, and 'Down' from the network.

Note: In addition to the Current network panel, there are drop-down panels for Battery status (percentage charge / battery time remaining), Wi-Fi status and Connected devices (devices currently connected to the Vodafone Mobile Wi-Fi R206-Z).

Home network		Roaming network	
Mobile number		Mobile number	
Signal		Signal	
Status	Connected	Status	Connected
Network	vodafone UK HSUPA	Network	vodafone UK HSUPA
Time connected	00:11:05	Time connected	00:11:05
Total volume	3.06MB	Total volume	3.06MB
Up	0b/s	Up	0b/s
Down	0b/s	Down	0b/s
Battery Status (90%)	+	Battery Status (90%)	+
Wi-Fi Status	+	Wi-Fi Status	+
Connected devices (1)	+	Connected devices (1)	+

Mobile Wi-Fi view

To change the admin password, enter 'admin' into the Password box and click Login. Select Router on the Navigation bar, then Router Settings from the left hand Menu bar.

To modify the SSID and secure network key, select Wi-Fi on the Navigation bar, then Security from the left hand Menu bar.

The Mobile Wi-Fi view has four options on the Navigation bar covering device configuration: Mobile Broadband, Wi-Fi, Router, and Help.

For an explanation on using these features either read the context-sensitive help on the relevant page, or consult the Advanced Configuration Guide, available here: www.support.vodafone.com/VodafoneMobileWiFi/R206-Z

SMS view

The SMS view has six options on the Navigation bar covering all messaging functions: Inbox, Write, Sent, Draft, Settings and Help.

By default the Vodafone Mobile Wi-Fi device will re-direct your browsing session to the Mobile Wi-Fi web UI application screen when new SMS messages are received. This setting can be changed via the message preview option within the SMS Settings area.

Note: When you select the checkbox in the title bar of the Inbox, Sent folder or Draft folder, all messages in that folder are selected. This is useful if you want to delete multiple messages. It is not possible to forward multiple messages.

In the Settings area you can select or de-select the SMS preview in the Mobile Wi-Fi view.

Account view

The Account view has three options on the Navigation bar: Account details, Account type and Help.

Your account type should be determined automatically by the Vodafone Mobile Wi-Fi device to match the inserted SIM card.

Depending on the network operator, prepaid users may have the option to top-up their account and check their prepaid balance via this view.

Note: The options that are displayed on the Navigation bar are dependent on the account type selected.

Device status screen icons

The device status screen is constantly updated with the current status of the device and network connection. A green flashing battery icon indicates charging, red flashing indicates the battery charge is low.

Sample icons and their meanings:

Network signal:

poor signal

excellent signal

Messages:

unread SMS

no SMS

flashing icon (2 seconds) - new SMS arrived

flashing icon (permanently) - SMS full

Battery:

charge >= 23 %

flashing icon - charging

flashing icon - charge < 12 %

standby not charging

Note: To reset the device back to the initial factory default settings, hold down both the WPS and power buttons together for 3 seconds when the device is switched on.

This includes the reset of the security settings back to their original settings.

MicroSD Card

It supports upto 32GB MicroSD card.

You can access files stored on MicroSD card and save files on MicroSD card over Wi-Fi.
For more details on using this function, refer to the MicroSD card sharing help section , in the Sharing Settings.

Hints and tips

The application won't install on Windows

If the software does not install, or the install progress bar keeps looping

– From the Windows Start menu, select Settings>Control Panel>System>Hardware>Device Manager

– Expand 'Universal Serial Bus Controllers'

– Right-click 'USB Mass Storage Device' and select 'Uninstall'

– If your devices are not reloaded, select 'Scan for Hardware changes' from the 'Action' menu.

Cannot open Mobile Wi-Fi web UI application window

The following things may prevent you from opening the Vodafone Mobile Wi-Fi web UI application window by double-clicking the desktop icon 🌐 (if you have installed via a USB connection) or entering the address http://VodafoneMobile.wifi or http://192.168.0.1 into your web browser:

– Your computer already has a connection via an ethernet LAN cable

– Your computer already has a connection via a different Wi-Fi network. You must be connected to the R206-Z via Wi-Fi or via USB cable to access the application window

– You may be using a VPN (Virtual Private Network).

Unplugging the LAN cable, exiting your VPN, and checking that you are connected to the Vodafone Mobile Wi-Fi SSID / network may solve the problem.

Hints and tips

Selecting the Help option on the Navigation bar in any view, and then 'Diagnostics' in the Menu bar, may help you to identify a problem. This area also shows information that may be required if you need to contact Support at your mobile network operator.

Select 'Support' from the Menu bar for more information and local support contact details.

No network can be found

– Change your physical location: in a building, move closer to a window, move higher up, or go outside
– Ensure the device is registered to the mobile network by checking the R206-Z device display or by opening the Mobile Wi-Fi web UI application window and checking the device is connected (indicated via the green tick)
– Select the Settings heading on the Navigation bar
– If the device is searching for a network, then ensuring the device is set to 3G Preferred in the network settings section may help
– If you are roaming then click 'Search' to search for available networks
– See if you can connect to one of the networks listed
– Click 'Save' to save your change
– Contact Support, and check that data services and roaming are enabled on your account.

No connection can be opened (1)

– Type http://VodafoneMobile.wifi or http://192.168.0.1 into your browser, and check the device status (Mobile Wi-Fi>Mobile Broadband tab, Help on Settings bar, and select Diagnostics from the menu)
– This may indicate the source of the problem. You should see a green tick in the networks panel to indicate that the device is connected to the mobile network.

No connection can be opened (2)

– Wait a few minutes and try to connect again. This is most often a temporary problem. If the problem persists, please try the steps below

– Close the application window and then re-open it

– Re-start your Vodafone Mobile Wi-Fi device and connecting devices

– Open the Mobile Wi-Fi web UI application window

– Select the Account tab

– Select the Account type heading in the Navigation bar

– Check that the type of account you have with your mobile network operator is selected in the drop-down menu

– Check the device is set to automatically connect to the network. In roaming, the device is setup to not automatically connect to the network. The device should prompt you to connect to the network via the application window.

– Select the Settings heading on the Navigation bar

– Select the Network entry in the Menu bar on the left

– Check which option is selected. If the option is set to a 'Preferred' option, set it to an 'Only' option

– Click 'Save' to save your change

– If you are using a VPN (Virtual Private Network), contact the administrator of your VPN.

Hints and tips

Resetting the device back to factory values

– While the device is switched on, press and hold down the WPS and power buttons together for 3 seconds.

– The device will now be reset to factory settings, including SSID, passwords and Wi-Fi security settings.

### R206Z International Roaming (IR) Guidelines

– Check and ensure that International Roaming service is activated on the SIM card.

– If International Roaming service is activated on the SIM card but Vodafone Wi-Fi R206Z is not detecting network while roaming, please follow the below steps.

1. Remove SIM Card from Vodafone Wi-Fi R206Z.
2. Insert SIM card in any compatible handset.
3. Select Vodafone Services from the SIM menu.
4. Select International Roaming.
5. In Option -Allow SIM action? Select –"Yes. "
6. Phone will restart and select the international network manually.
7. Go to Network Settings and check the handset display to confirm the Network selected.
8. Now this SIM Card can be successfully used in Vodafone Wi-Fi R206Z for accessing data on international roaming.

**Using the Vodafone Mobile Wi-Fi Monitor app on iPhone,
iPad, iPod Touch, smartphone, tablet**

– Download the Vodafone Mobile Wi-Fi Monitor app from the App
   Store in iTunes or the Android Market / Google Play

– Click on the app icon

– Sample monitor screens show below.

Tablet / iPad
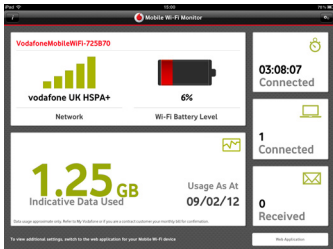
iPhone / smartphone
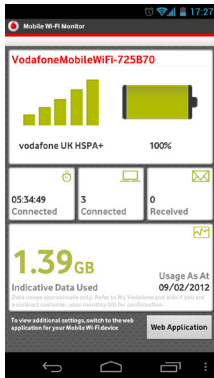
Glossary

Bearer Communication method used for data transport over the mobile network, eg. HSPA, 3G, etc.

EDGE An enhancement to the GPRS bearer offering higher speeds, although not as fast as 3G Broadband.

GPRS The General Packet Radio Service is a bearer offering higher data speeds than GSM, on which it is based.

GSM Global System for Mobile Communication.

Home network The network of the mobile operator who provided your SIM.

HSPA High-Speed Packet Access bearer, enhancing 3G, including both HSUPA (Uplink) and HSDPA (Downlink).

HSPA+ Enhanced HSPA network offering faster speeds.

HSUPA High-Speed Uplink Packet Access bearer.

3G The third-generation mobile phone service, as UMTS (Universal Mobile Telecommunications System) is also known, is a bearer providing higher data speeds.

3G broadband The latest enhancement to the 3G bearer.

Roaming You can use your mobile device on any other mobile network that has a roaming agreement with your operator, whether in your country or abroad.

SIM Your Subscriber Identity Module is the postage-stamp-sized chip that you will have received together with your mobile contract. Your SIM has gold contacts on one side.

WPA2 An alternative name for the Wi-Fi network key. For Mac users the term 'WPA2 personal' is used.

$C \in 0700$

vodafone