

User Guide

Vodafone Pocket WiFi™ 4G

Designed
by Vodafone



Welcome

to the world of mobile communications

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Welcome

The Vodafone Pocket WiFi™ 4G creates a personal portable WiFi hotspot which allows up to 10 compatible WiFi enabled devices (for example PCs, Laptops, Android devices including the Samsung® Galaxy Tab, Apple® iPhone and iPad or mobile gaming devices such as Nintendo® DSi) to share a secure mobile internet connection.

System requirements

To use the Vodafone Pocket WiFi™ 4G you need a device with compatible WiFi capability.

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 WiFi.

Vodafone Pocket WiFi™ Monitor App

You can check the device status by downloading the Vodafone Pocket WiFi monitor app from the App Store in iTunes or the Android Market / Google Play. See Page 12 for sample app screenshots.

Advanced configuration using a cable

To perform advanced configuration of the device browse to the online dashboard <http://pocket.wifi> or <http://192.168.0.1> from a computer running Microsoft® Windows® 8, Windows® 8 RT (WiFi access only), Windows® 7 (SP1 recommended), Windows Vista™ (SP2 recommended), or Windows® XP (SP3 recommended), a computer running Linux (WiFi only, not via cable) or an Apple Mac running Mac OS® X 10.5 (Intel®), 10.6, 10.7 or 10.8 (all with latest updates).

Tip:

For advanced configuration, the online dashboard password is 'admin'.

Advanced configuration for Apple® iPhone / iPad / iPod Touch and Android smartphone / tablet users

Use the device browser to browse to the online dashboard <http://pocket.wifi> or <http://192.168.0.1>.

Device overview



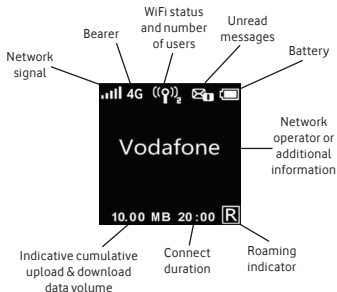
Status Display

Tip:

To save power the display is dimmed after 20 seconds and switched off after a further 5 seconds.

The screen can be displayed by briefly touching the power on/off button.

The screen will also be displayed whenever the status of the device changes.



End User Licence Agreement (EULA)

Please ensure that you have read and accepted the software EULA for your country before using the Vodafone Pocket WiFi™ 4G device. The EULA is available here:

www.support.vodafone.com/VodafonePocketWiFi/R215

Getting started: setup

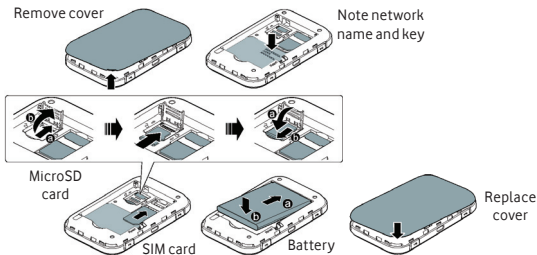
Note: Once setup is complete, when connected to the device via WiFi (and you have installed the software onto your PC) you can access the configuration screen by clicking on the device desktop icon .

Alternatively, you can enter the following addresses into your browser:

<http://pocket.wifi> or
<http://192.168.0.1>

The default password is 'admin'. You may want to save these addresses as favourites in your browser so you can access the Pocket WiFi™ online dashboard easily.

To prepare the Vodafone Pocket WiFi™ 4G, you need to insert your SIM (and MicroSD card if you are using one for file storage and sharing) before use.



The device is now ready to use - plug it into the mains or your PC. The battery will be charged in the background. Make sure the device is fully charged (approximately 3 hours on mains power) before using it in battery mode. Please only use the supplied charger for this device.

Getting started: use

Tip:

The device will automatically connect to the Mobile Broadband network when it is powered on.

If required, this default automatic network connection can be changed to a manual connection via the online dashboard of the device.

1. 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 is required. Check the display for connection status.

2. Use the normal WiFi application on your computer or device to connect. Select the Mobile WiFi network (SSID) noted earlier from the list of available WiFi networks, click Connect and enter the WPA2 password (secure WiFi network key). The SSID and WiFi key are also on the Reminder Card, and can also be displayed by pressing the menu key and selecting 'Info'.

Congratulations – you now have internet access via Vodafone Pocket WiFi™ 4G.

Pressing the menu button on the front of the device gives you 3 options:

- 'Info' shows the current WiFi network name and WiFi network key on the device display.
- 'Fast Startup' gives a fast startup but consumes more power.
- 'WiFi Band' allows you to select either 2.4GHz or 5GHz. Older connecting devices may not be able to access the WiFi if it is set to 5GHz.

Pocket WiFi™ online dashboard

Note: Every window in the Pocket WiFi™ online dashboard 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.

- 1 Navigation tabs: Select Pocket WiFi, Storage, SMS or Account view
- 2 Navigation bar: Select an area within each view
- 3 Current network panel: Status of mobile broadband network connection, battery and WiFi 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'

The screenshot shows the Vodafone Pocket WiFi online dashboard. At the top, there are navigation tabs (1) for 'Pocket WiFi', 'Storage', 'SMS', and 'Account'. Below these is a navigation bar (2) with 'Mobile Broadband' and 'Help' options. The main content area (4) displays 'Welcome to Vodafone Pocket WiFi' and provides instructions on how to use the device. A context-sensitive help section (5) is located at the bottom of the main content area. On the right side, there is a 'Home network' panel (3) showing signal strength, status (Connected), network name (Vodafone Australia), time connected (00:01:17), total volume (15B), and battery status (73%). There are also expandable sections for 'Wi-Fi Status' and 'Connected devices (2)'. At the top right, there is a language selection dropdown (6) and a login/logout section (7) with fields for 'Password' and 'Enter Password' and a 'Login' button.

Current network panel

Note: In addition to the Current network panel, there are drop-down panels for Battery status (percentage charge / battery time remaining), WiFi status and Connected devices (devices currently connected to the Vodafone Pocket WiFi™ 4G).

The Current network panel appears on the right-hand side of every screen within the Pocket WiFi™ online dashboard, with additional panels for battery, WiFi 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 broadband network signal. For best performance position the device so 3 or more signal bars are displayed 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.

Home network		Roaming network	
Mobile number	SIM Number	Mobile number	SIM Number
Signal		Signal	
Status	Connected	Status	Connected
Network	Vodafone Australia 4G	Network	AT&T 3G
Time connected	00:01:53	Time connected	00:01:33
Total volume	6B	Total volume	2B
▲ Up	32b/s	▲ Up	64b/s
▼ Down	80b/s	▼ Down	72b/s
Battery Status (75%) +		Battery Status (75%) +	
Wi-Fi Status +		Wi-Fi Status +	
Connected devices (0) +		Connected devices (3) +	

Pocket WiFi view

IMPORTANT

We recommend that you ensure that the WiFi security settings meet your personal requirements.

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 **WiFi** on the Navigation bar, then **Security** from the left hand Menu bar.

The Pocket WiFi view has four options on the Navigation bar covering device configuration: Mobile Broadband, WiFi, 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/VodafonePocketWiFi/R215

The screenshot shows the Vodafone Pocket WiFi web interface. At the top, there are navigation tabs: **Pocket WiFi** (selected), **Storage**, **SMS**, **Account**, **Mobile Broadband**, **Wi-Fi**, **Router**, and **Help**. Below the navigation bar, the main content area is titled "Welcome to Vodafone Pocket WiFi" and contains instructions on how to use the device. To the right, there is a "Home network" status panel showing: Mobile number, SIM Number, Signal strength (represented by a bar chart), Status (Connected with a green checkmark), Network (Vodafone Australia), Time connected (00:01:53), Total volume (98 MB), and a download speed indicator (80kb/s). At the bottom of the status panel, there are expandable sections for "Battery Status (75%)", "Wi-Fi Status", and "Connected devices (0)".

Storage view

The Storage view has three options on the Navigation bar covering storage settings: File Storage, Sharing, and Help.

Storage allows you to use the Vodafone Pocket WiFi™ 4G to upload and download files to the device, using it as a centralised storage hub for sharing files with other users or devices using the device.

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/VodafonePocketWiFi/R215

The screenshot shows the 'Storage' view of the Vodafone Pocket WiFi interface. At the top, there are navigation tabs for 'Pocket WiFi', 'Storage' (which is active), 'SMS', and 'Account'. A red navigation bar contains 'File Storage', 'Sharing', and 'Help'. The main content area is titled 'File Storage' and includes a section for 'All Cards' with a 'Micro SD' card icon and details: '5.75MB of 1.83GB'. Below this is a 'File Storage Help' section with three columns of text explaining how to use a Micro SD card, how to access files over Wi-Fi, and the supported capacity of Micro SD cards. At the bottom, there is a table of settings categories and their corresponding links.

Mobile Broadband	Wi-Fi	Router	Storage	SMS	Account	Help
Status	Wi-Fi Settings	Router settings	MicroSD Card	Inbox	Account details	Help
SIM PIN Management	WPS Settings	NAT settings	Sharing Settings	Write SMS	Account type	Diagnostics
Mobile Broadband	MAC Settings	DMZ Settings		Send		Device Controls

SMS view

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 Pocket WiFi 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 device will re-redirect your browsing session to the Pocket WiFi™ online dashboard screen when new SMS messages are received. This setting can be changed via the message preview option within the SMS Settings area.

The screenshot displays the SMS view interface. At the top, there are tabs for 'Pocket WiFi', 'Storage', 'SMS', and 'Account'. Below these is a navigation bar with icons and labels for 'Inbox', 'Write', 'Sent', 'Draft', 'Settings', and 'Help'. The main content area is titled 'Inbox (37)' and contains a list of messages with columns for 'Date', 'From', and 'Messages'. The messages include test messages and a warning about a 160-character limit. At the bottom of the message list are 'Forward' and 'Delete' buttons. To the right of the message list is a system status panel showing 'Home network' information, including 'Mobile number', 'Signal', 'Status', 'Network', 'Time connected', 'Total volume', 'Battery Status (75%)', 'Wi-Fi Status', and 'Connected devices (3)'.

Date	From	Messages
<input type="checkbox"/>		
5/10/2013 14:00	+44786462	Test Save
5/10/2013 14:00	+44786462	
4/10/2011 9:07	Vodafone	
4/10/2009 7:37	+447864f	Hi there, Are you going to make the meeting at 2pm? This is a test of the 160 character limit and breaking over two lines for a message
3/10/2003 17:54	Vodafone Roaming	Welcome to Ireland. You are connected to Vodafone IRL. (Test QUIT Send)
2/10/2009 21:46	Vodafone	Your monthly limit is 3Gb. We will text you when you reach this
2/10/2009 21:46	+447864f	Did you manage to get those wire frames over to the build team?
2/10/2009 21:46	+447864f	Hey Carl this is another test of the 140 and 160 character limit and how it should be dealt with in the inbox breaking over two lines seems to work

Account view

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

Your device should automatically determine your account type by matching the SIM card inserted.

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

The screenshot shows the Vodafone Account view interface. At the top, there is a navigation bar with tabs for Pocket WiFi, Storage, SMS, and Account (which is selected). To the right of the navigation bar are links for 'Choose language' and 'Logout'. Below the navigation bar is a red header with three options: 'Account details' (selected), 'Account type', and 'Help'. The main content area is divided into two columns. The left column is titled 'Account details' and contains the text: 'Account details', 'To view your Vodafone account details you must log in at <http:// broadband.vodafone.com.au/manage>', and 'If you do not already have an online Vodafone account you may register for one now.' Below this text is a 'Register' button. The right column is titled 'Home network' and displays various network-related information: 'Mobile number' (SIM Number), 'Signal' (represented by a signal strength icon), 'Status' (Connected with a green checkmark), 'Network' (Vodafone Australia 4G), 'Time connected' (00:02:29), and 'Total volume' (5B). Below the volume information are expandable sections for 'Battery Status (75%)', 'Wi-Fi Status', and 'Connected devices (4)'. At the bottom of the screen, there is a footer with a grid of links for various settings and services: Mobile Broadband, Wi-Fi, Router, Storage, SMS, Account, and Help.

Mobile Broadband	Wi-Fi	Router	Storage	SMS	Account	Help
Status	Wi-Fi Settings	Router settings	MicroSD Card	Inbox	Account details	Help
SIM PIN Management	Wi-Fi Settings	SALT settings	Sharing Settings	Write SMS	Account type	Diagnostics
Mobile Broadband	SALT Settings	FWP Settings		Card		Device Feedback

Device status screen icons

Note: Pressing the menu key and selecting 'Info' will show the current WiFi network name and WiFi network key on the device display.

The device contains a reset button that will set the device back to the initial factory default settings.

This includes the reset of the security settings back to their original settings, which is useful should the secure WiFi network key be forgotten.

The device status screen is constantly updated with the current status of the device and network connection. The display is dimmed after 20 seconds and switched off after a further 5 seconds to save power. Briefly touch the power on/off button and the screen will be displayed.

Sample icons and their meanings:

Network signal:



connecting to network



excellent signal (not connected)



excellent signal (connected)



unable to connect

WiFi status and number of users:



3 users connected

Unread messages:



2 unread SMS

Battery:




fully charged



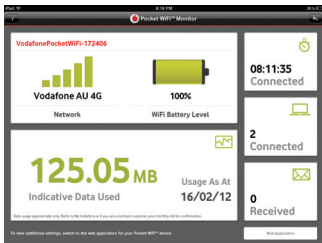
discharged

Hints and tips

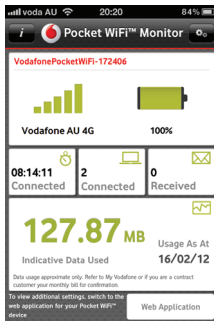
Using the Vodafone Pocket WiFi™ Monitor App on iPhone, iPad, iPod Touch, smartphone, tablet

- 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. The app allows you to track the network signal strength, battery status, indicative data usage, time connected, number of devices connected and unread SMS messages.

iPad / Android tablet



iPhone / iPod Touch /
Android smartphone



Hints and tips

The Linux licence information can be found here: www.support.vodafone.com/VodafonePocketWiFi/R215


Note: Please only use the correct charger for your region – HW-050100x1W, where “x” will be one of U, E, B, A, or J, depending on your region. For details about a specific charger, contact your network operator.

The online dashboard 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 the Pocket WiFi™ online dashboard window

The following things may prevent you from opening the Pocket WiFi™ online dashboard window by double-clicking the desktop icon  (if you have installed via a USB connection) or entering the address <http://pocket.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 WiFi network. You must be connected to the Vodafone Pocket WiFi™ 4G via WiFi 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 Pocket WiFi™ 4G SSID / network may solve the problem.

Hints and tips

Note: If you can see the application window in your browser, you can find more hints and tips in the Help area.

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 broadband network by checking the device display or by opening the Pocket WiFi™ online dashboard 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 4G 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://pocket.wifi> or <http://192.168.0.1> into your browser, and check the device status (Pocket WiFi>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 broadband network.

Hints and tips

Note: If you want to re-install the software from the device, you need to first delete the Vodafone Pocket WiFi software from your computer.

- From the Windows Start menu, select Settings>Control Panel> Add or Remove Programs (XP) or Programs and Features (Windows 7)
- Remove the Vodafone Pocket WiFi software
- Re-attach your device to your computer using the USB cable and the software will re-install.

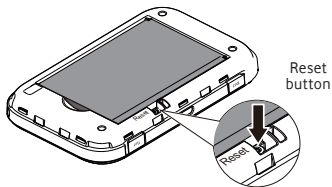
No connection can be opened (2)

- 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 Pocket WiFi™ 4G and connecting devices
- Open the Pocket WiFi™ online dashboard 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 settings

- Remove the back cover and locate the reset button
- While the device is switched on, insert the end of a paper clip into the reset button hole, press the button with the clip and hold down until the Vodafone logo appears on the device screen (approximately 2 seconds)
- Release the button
- The device will now be reset to factory settings, including SSID, passwords and WiFi security settings.



Glossary

Bearer Communication method used for data transport over the mobile network, eg. 4G, HSPA, 3G, etc.

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

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

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 than EDGE but less than HSPA.

4G The fourth-generation mobile phone service, also known as LTE (Long Term Evolution) is a bearer providing data speeds higher than HSPA+.

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.

SSID Service Set Identifier. The name assigned to a WiFi network.

WiFi Key Unique encrypted password for your Pocket WiFi™ device.

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

The term Mobile Broadband together with the 'birds' design is a trademark of GSMC Limited.



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