

User Guide

Vodafone Pocket WiFi™ Extreme

Designed
by Vodafone



Welcome

to the world of mobile communications

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Welcome

System requirements

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

The Linux licence information can be found here:
www.support.vodafone.com/VodafonePocketWiFi/R208

The Vodafone Pocket WiFi™ Extreme creates a personal portable WiFi hotspot which allows up to 10 compatible WiFi enabled devices (for example PCs, smartphones, tablets or mobile gaming devices) to share a secure mobile internet connection.

The device is battery, mains or USB powered, and this flexibility allows it 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 (Wi-Fi access only), Windows® 7 (SP1 recommended), Windows Vista™ (SP2 recommended), or Windows® XP (SP3 recommended), a computer running Linux (WiFi configuration only, not cable), or an Apple Mac running Mac OS® X 10.5 (Intel®), 10.6 or 10.7 (all with latest updates) or 10.8.

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

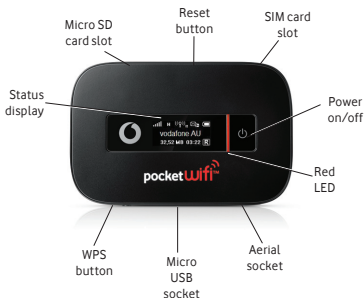
Tip:

To save power the display is dimmed after 10 seconds and switched off after a further 5 seconds.

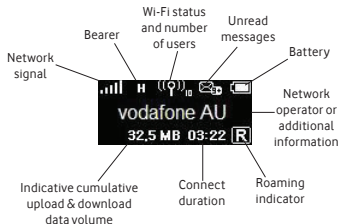
When the display is switched off the red LED flashes slowly to indicate the device is on.

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.



Status Display



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™ Extreme device or online dashboard. The EULA is available here: www.support.vodafone.com/VodafonePocketWiFi/R208

Getting started: setup

Tip:

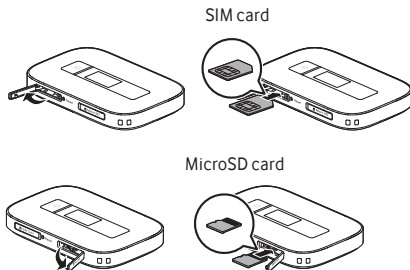
Once setup is complete, when connected to the device via USB (and you have installed the software onto your PC) you can access the device's online dashboard by clicking on the desktop icon .

Alternatively, if you are connected over WiFi, you can enter either of the following addresses into your browser:

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

You may want to save these addresses as favourites in your browser so you can access the online dashboard easily.

To prepare the device for use you need to insert your SIM card and MicroSD (if you are using one for file storage and sharing).



The device has a built-in battery and 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) before using it in battery mode. Please only use the correct charger for your region – HW-050200A3W.

Getting started: use

Tip:

A double tap of the power key will show the current WiFi network name and WiFi network key on the device display.

The Vodafone Pocket WiFi™ Extreme 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.** The WiFi network name (SSID) and secure WiFi network key are engraved on the back of the device (see diagram below for location). Select the Pocket WiFi™ network name (SSID) from the list of available WiFi networks, click Connect and enter the secure WiFi network key.

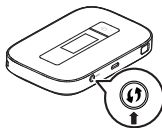
Connecting using WPS

If your connecting device has WPS functionality, you can press and hold the WPS button on the Vodafone Pocket WiFi™ Extreme for 5 seconds, then any WPS-enabled device can connect without requiring the network key.

Network name and key



WPS button



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

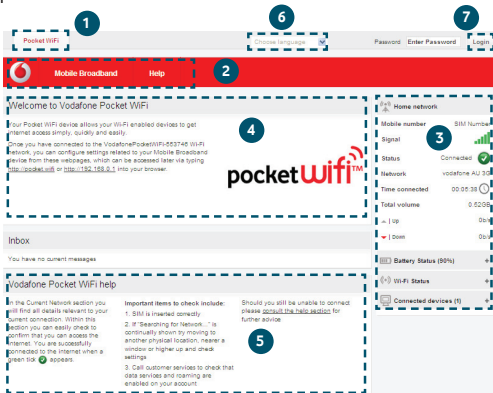
Pocket WiFi™ online dashboard

- 1 **Navigation tabs:** Select Vodafone 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:** Help for current area
- 6 **Language selection:** Defaults to browser language
- 7 **Login/Logout:** For advanced configuration options. Default password is 'admin'

Note: Every screen 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.



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™ Extreme).

The Current network panel appears on the right-hand side of every screen within the Vodafone 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. To improve performance position the device where most 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.

Home network	
Mobile number	SIM Number
Signal	
Status	Connected 
Network	vodafone AU HSDPA
Time connected	00:07:11 
Total volume	0.52GB
▲ Up	0b/s
▼ Down	0b/s
Battery Status (90%) +	
Wi-Fi Status +	
Connected devices (1) +	

Roaming network	
Mobile number	SIM Number
Signal	
Status	Connected 
Network	vodafone UK HSDPA
Time connected	00:07:11 
Total volume	0.52GB
▲ Up	0b/s
▼ Down	0b/s
Battery Status (90%) +	
Wi-Fi Status +	
Connected devices (1) +	

Pocket WiFi view

IMPORTANT

We recommend 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 **Wi-Fi** 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/R208

The screenshot displays the Vodafone Pocket WiFi web interface. At the top, there is a navigation bar with four tabs: Mobile Broadband, Wi-Fi, Router, and Help. Below the navigation bar, the main content area is divided into two columns. The left column contains a 'Welcome to Vodafone Pocket WiFi' message, an 'Inbox' section showing no current messages, and a 'Vodafone Pocket WiFi help' section with instructions on how to check the current network status and a list of important items to check (SIM card, network search, and customer service). The right column displays the 'Home network' status, including the mobile number, signal strength, status (Connected), network type (vodafone AU HSDPA), time connected (00:01:24), total volume (0.52GB), and battery status (90%). There are also links to 'Wi-Fi Status' and 'Connected devices (1)'.

Pocket WiFi Storage SMS Account Choose language Logout

Mobile Broadband Wi-Fi Router Help

Welcome to Vodafone Pocket WiFi

Your Pocket WiFi device allows your Wi-Fi enabled devices to get Internet access simply, quickly and easily.

Once you have connected to the VodafonePocketWiFi-553745 Wi-Fi network, you can configure settings related to your Mobile Broadband device from these webpages, which can be accessed later via typing <http://pocketwifi> or <http://192.168.0.1> into your browser.

Home network

Mobile number SIM Number

Signal

Status Connected

Network vodafone AU HSDPA

Time connected 00:01:24

Total volume 0.52GB

Up 0b/s

Down 0b/s

Battery Status (90%)

Wi-Fi Status

Connected devices (1)

Inbox

You have no current messages

Vodafone Pocket WiFi help

In the Current Network section you will find all details relevant to your current connection. Within this section you can easily check to confirm that you can access the Internet. You are successfully connected to the internet when a green tick appears.

Important items to check include:

1. SIM is inserted correctly.
2. If 'Searching for Network...' is continually shown by moving to another physical location, nearer a window or higher up and check settings.
3. Call customer services to check that data services and roaming are enabled on your account.

Should you still be unable to connect please [access our help website](#) for further advice

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 Pocket WiFi™ device as a storage hub for sharing files with other users connected to 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/R208

The screenshot shows the 'Storage' tab selected in the top navigation bar. Below the navigation bar, there are three sub-tabs: 'File Storage', 'Sharing', and 'Help'. The 'File Storage' tab is active, displaying a 'File Storage' section with a card showing '0.55GB of 1.95GB' used. Below this is a 'File Storage Help' section with instructions on using a Micro SD card. To the right, there is a 'Home network' section showing 'Mobile number', 'SIM Number', 'Signal' (with a bar chart), 'Status' (Connected with a green checkmark), 'Network' (vodafone AU 3G), 'Time connected' (00:01:40), 'Total volume' (0.52GB), and 'Total up' (192b/s). At the bottom, there is a 'Battery Status (100%)' section with a plus icon, a 'Wi-Fi Status' section with a plus icon, and a 'Connected devices (1)' section with a plus icon. The bottom of the screen features a grid of links for various settings: 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	Micro SD	Inbox	Account details	Help
SIM PIN Management	MAC Settings	Router settings	Sharing Settings	Write SMS	Account type	Diagnostics
Mobile Broadband	Security Settings	CHCP Settings		Send		Device Controls
Connection		Full settings		Drafts		About
Mobile Broadband		DMZ Settings		Settings		Support
Network		Advanced				Online support

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 Pocket WiFi™ device will re-direct your browsing session to the 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 shows the 'SMS' view of the Pocket WiFi dashboard. At the top, there's a navigation bar with tabs: Pocket WiFi, Storage, SMS (active), Account, and a language selector. Below this is a red header bar with icons and labels for Inbox, Write, Sent, Draft, Settings, and Help. The main content area is divided into three sections. The top section, 'Inbox (2)', displays two messages with checkboxes for selection. The middle section, 'SMS help', provides instructions on how to manage messages. The bottom section is a grid of links to various settings: Mobile Broadband, Wi-Fi, Router, Storage, SMS, Account, and Help. On the right side, there's a sidebar with 'Home network' status (Mobile number, Signal, Status, Network, Time connected, Total volume) and 'Wi-Fi Status' (Connected devices).

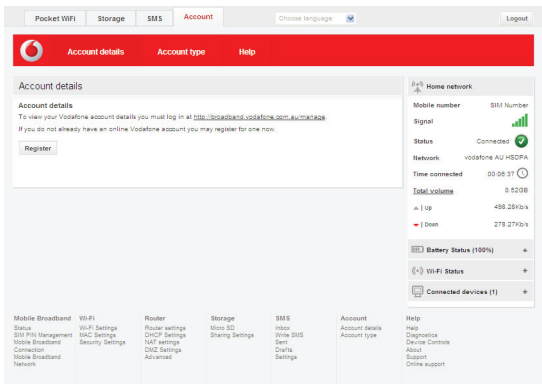
Mobile Broadband	Wi-Fi	Router	Storage	SMS	Account	Help
Status	Wi-Fi Settings	Router settings	More SD	Inbox	Account details	Help
SSID PIN Management	MAC Settings	DMZ Settings	Sharing Settings	Write SMS	Account type	Diagnostics
Mobile Broadband	Security Settings	NAT settings		Sent		Device Controls
Connection		DMZ Settings		Drafts		Support
Mobile Broadband Network		Advanced		Settings		Online support

Account view

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

Your account type should be automatically determined to match the type of mobile broadband SIM card inserted into the device.

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



Device status screen icons

Note: A double tap of the power key will show the current WiFi network name and WiFi network key on the device display.

The device status screen is constantly updated with the current status of the device and network connection. The display is dimmed after 10 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



full signal (connected)



full signal (not connected)



unable to connect

Roaming



roaming

WiFi status and number of users:



WiFi connection is active, 3 users connected

Unread messages:



2 unread SMS

Battery:



fully charged



charging device on



discharged



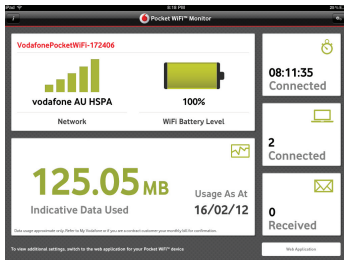
charging device off

Hints and tips

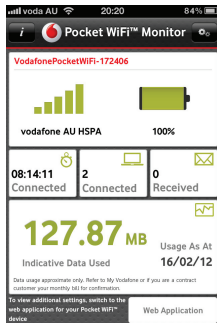
Using the Vodafone Pocket WiFi™ Monitor app on Apple® iPhone, iPad, iPod Touch and Android smartphones and tablets

- Download the Vodafone Pocket WiFi 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 online dashboard link won't install on Windows

If the link 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 Pocket WiFi online dashboard

The following things may prevent you from opening the online dashboard 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 device via WiFi or via USB cable to access the online dashboard.
- 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™ Extreme 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 Vodafone network by checking the device display or by opening the Pocket WiFi online dashboard 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://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 Pocket WiFi™ Extreme device, you need to first delete the Vodafone Pocket WiFi 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
- Re-attach your Pocket WiFi™ Extreme 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 online dashboard and then re-open it
- Re-start your Vodafone Pocket WiFi™ Extreme device and any connected devices
- Open the Pocket WiFi online dashboard
- 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 not setup to automatically connect to the network. The device should prompt you to connect to the network via the online dashboard.
- 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.

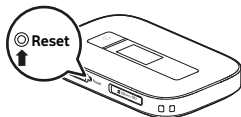
Hints and tips

Cannot connect using the WPS button

- Make sure WPS is enabled on your Pocket WiFi by holding down the WPS button for 5 seconds on your Pocket WiFi and then connecting within 2 minutes
- If required make sure you activate the WPS feature on your connecting device
- WPS will not work with Wired Equivalent Privacy (WEP). If you have even just one device on the Pocket WiFi™ Extreme network that only supports WEP, you can't use WPS. The default WPA2 allows interworking with WPS.
- Refer to the user guide of the device you are connecting to the Pocket WiFi™ Extreme device to make sure it supports WPS.
- Make sure you haven't switched off WPS via the online dashboard.

Restoring the device back to factory settings

- 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 5 seconds)
- Release the button
- The device will now be restored to factory settings, including SSID and passwords.



Glossary

Bearer	Communication method used for data transport over the mobile network, eg. 3G Broadband, 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.
SSID	Service Set Identifier. The name assigned to a WiFi network.
WiFi Key	Unique encrypted password for your Pocket WiFi™ device.
WPS	Wi-Fi Protected Setup is a protocol to allow users to connect to a Wi-Fi hotspot without having to enter a Wi-Fi Key.

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



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Product Code:
R208 Pocket WiFi™ Extreme User Guide
08/12_en_AU

