602HW User Guide

602HW User Guide Contents

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Introduction

Before You Begin

Read "クイックスタート(Quick Start)" (Japanese), "お願いとご注意(Safety Precautions)" (Japanese), and this guide thoroughly beforehand for proper usage.

Accessible services may be limited by contract conditions.

Guide Usage Notes

Most operation descriptions are based on default settings. Unless otherwise noted, descriptions are based on operation from Home Screen. Some operations appear abbreviated.

Screenshots & Key Labels

Screenshots and Key labels are provided for reference only. Actual windows, menus, etc. may differ in appearance.

Other Notations

This product is referred to as "Wi-Fi router" in this guide.

Operating Environment (Compatible OSs)

Use Wi-Fi router in any of these operating environments. Use outside these environments may affect performance. Operating environment (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- \cdot For computer support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.
- The information for operating environment (compatible OSs) listed here is the current information as of January 2017.

Item	Description
	Windows Vista Home Basic (32-bit or 64-bit)
	Windows Vista Home Premium (32-bit or 64-bit)
	Windows Vista Business (32-bit or 64-bit)
	Windows Vista Ultimate (32-bit or 64-bit) Windows 7 Home Basic (32-bit or 64-bit)
	Windows 7 Home Premium (32-bit or 64-bit)
Compatible	Windows 7 Professional (32-bit or 64-bit)
Operating	Windows 7 Ultimate (32-bit or 64-bit)
Systems	Windows 8 (32-bit or 64-bit)
	Windows 8 Pro (32-bit or 64-bit)
	Windows 8 Enterprise (32-bit or 64-bit) Windows 8.1 (32-bit or 64-bit)
	Windows 8.1 (32-bit or 64-bit)
	Windows 8.1 Enterprise (32-bit or 64-bit)
	Windows 10 (32-bit or 64-bit)
	Windows 10 Pro (32-bit or 64-bit)
	Mac OS X 10.6 to 10.7 (32-bit or 64-bit)
	Mac OS X 10.8 to 10.12 (64-bit)
	Windows Vista : 512 MB+ (1 GB+
	recommended)
	Windows 7: 1 GB+ (32-bit)/2 GB+ (64-
	bit)
Memory	Windows 8 : 1 GB+ (32-bit)/2 GB+ (64-bit)
Requirements	Windows 8.1 : 1 GB+ (32-bit)/2 GB+ (64-
	bit)
	Windows 10:1 GB+ (32-bit)/2 GB+ (64-
	bit)
	Mac OS X : 256 MB+ (512 MB+
	recommended)
Hard Disk	200 MB+ recommended (100 MB+ free
Capacity	space needed) (Common to each OS)
Interface	USB3.0
	Microsoft Internet Explorer 8.0 or later
	Microsoft Edge 20 or later
Compatible	Safari 6.0 or later
Browser	Mozilla Firefox 24.0 or later
	Google Chrome 21.0 or later
	Opera 12.0 or later

Package Contents

The following items are included in the package. Please confirm package contents before use. Contact Customer Service for missing items.

Keep accessories including Warranty in a safe place. AC Charger is not supplied. Purchase AC Charger separately.

- · USB Cable TypeA/C (HWDCK1)
- · Battery (HWBCK1)
- · WLAN Initialization Sticker
- ・クイックスタート(準備編) (Japanese)
- ・クイックスタート(接続編) (Japanese)
- ・お願いとご注意 (Japanese)
- ・USIMカードの取り付け方カード (Japanese)
- ·保証書(本体) (Japanese)

Wi-Fi Name and Password (Security Key)

When connecting to a Wi-Fi device, Wi-Fi name (Network Name) and password (Security Key: WPA Key or WEP Key) are

Confirm Wi-Fi name and password (Security Key) as follows.



Wi-Fi



🔯 Wi-Fi name and password (Security Key) appear.

- · Two Wi-Fi names are set to Wi-Fi router. By default, WPA2-PSK is set as security for SSID A and SSID B.
- · For greater security, use WPA/WPA2. However, some game consoles do not support WPA/WPA2.

Alternatively, see the WLAN Initialization Sticker or remove Battery from Wi-Fi router to check default Wi-Fi name and password (Security Key). See "Wi-Fi Name and Password (Security Key)."

Getting Started

- · Wi-Fi router accommodates software updates. Use the latest software.
- \cdot Note that connection speeds may drop or connections may be disabled depending on line traffic or connection
- · When using WLAN overseas, change the settings according to the laws of those countries.
- · To enhance security, it is recommended that a Pass Code for unlocking the screen be set. For details, see "Screen Lock."
- · This model Wi-Fi router is designed for corporate users, and allows its functionality to be regulated by administrators. Depending on how functions are regulated, settings or operations as described herein may not be available.

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- · The names of the companies, products and services used in this guide are registered trademarks or trademarks of the respective companies.

Getting Started

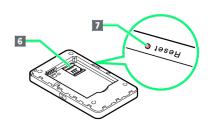
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Parts & Functions

Front/Top/Bottom







Part	Description
1 Display	Wi-Fi router status appears; Display is Touchscreen; Tap, Swipe/Flick, etc.
2 Power Button ()	Power on/off and turn Display on/off
3 Notch	Use notch to remove Battery Cover
4 Battery Cover	Remove Battery Cover to remove/insert Battery or USIM Card
5 External Device Port	Connect USB Cable and AC Charger (sold separately)
6 USIM Card Slot	Insert USIM Card
7 Reset Button	Press & Hold with a fine-tipped object for five seconds or more to reset settings to defaults

Notes on Using Reset Button

Note the following for using Reset Button.

- \cdot Power on Wi-Fi router in advance.
- \cdot Be careful not to be injured when Pressing Reset Button.
- \cdot Do not Press Reset Button strongly. May cause damage.
- \cdot Do not use sharpened object. May cause damage.
- \cdot Using pen or pencil may make Reset Button dirty with ink etc.
- \cdot The factory defaults are also reset from WEB UI. For details, see "Resetting Wi-Fi Router."

Home Screen

Layout





Part	Description
1 Home Screen (First Page)	First page of Home Screen
2 Home Screen (Second Page)	Second page of Home Screen; Flick left/ right to change page
3 Status Bar	Status Indicators for communication status and battery level appear
4 Touch Menu	Touch Menu Icons for various functions
5 Page Indicator	Indicates which Home Screen page you are in

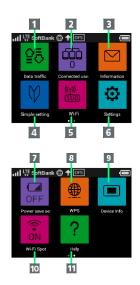
Status Indicators

Indicator	Description
al	Mobile networks connected (signal strong)
	Mobile networks connected (signal weak)
圈外	Out of service area
åıl	Appears when roaming
<u>্</u>	Wi-Fi spot connected (signal strong)
<u></u>	Wi-Fi spot connected (signal weak)
4G / LTE / 3G	Name of currently connected network
SoftBank	Name of currently connected network carrier
•	Internet connected
8	Internet unconnected
1	New software update notice
₹.	Software downloading
	Battery full
	Battery low
	Battery almost empty (charge battery)
Þ	Charging
(1-1) ^{2,46}	Wi-Fi communication standard (2.4G/5G) / number of devices connected (appears in Lock Screen)
⊠	Unread notification (appears in Lock Screen)
DFS 2	Checking whether signal interfering with weather radar

- 1 Does not appear if automatic software update is set. For details, see "Updating Software."
- $2\,\,$ Appears if communication standard is set to 5 GHz.

Touch Menu Icons

Tap Touch Menu Icon for settings and notifications.



Item	Description
1 Data traffic	Show mobile network data usage, maximum traffic, Auto Reset Date, etc.
2 Connected users ¹	Show number of connected devices
3 Information	Check and deleted received notifications; number of unread notifications is shown ²
4 Simple setting	Check Wi-Fi router's Wi-Fi name and password (Security Key), and set the Pass Code for unlocking the screen
5 Wi-Fi	Show and set Wi-Fi name and password (Security Key) for Wi-Fi router
6 Settings	Make settings for replacing icons in Home Screen, roaming, Pass Code for Screen Lock, Display brightness, Sleep mode, Wi-Fi communication standard, USB communication standard, language/time, software update, checking URL for Web UI, deleting notification icons, etc.
7 Power save setting	Save power consumption for longer usage time
8 WPS	Set a WPS connection
9 Device Info	Show Wi-Fi router's phone number, software version, etc.
10 Wi-Fi Spot	Connect to household/company WLAN routers and SoftBank Wi-Fi spots and make the settings
11 Help	Show Help for Icons on Display

- 1 (Wi-Fi communication standard (2.4G/5G) / number of connected devices) appears at the top of Lock Screen
- 2 🖂 (Unread notification) appears at the top of Lock Screen
- · Tap 6 on the settings window or notification window to go back to the previous window and Tap 6 to go back to Home Screen.

Display Off/Sleep Mode

- · If Wi-Fi router is not used for a certain period of time,
 Display turns off automatically. Press (to illuminate Display.
- · If Wi-Fi router is not connected to a WLAN terminal, and there has been no operation of Wi-Fi router for a certain period of time, or if Battery has not been charged, Display turns off and Wi-Fi router enters Sleep mode to save power (time until entering Sleep mode is set to 5 minutes by default).
- In Sleep mode, WLAN is disabled. Thereafter, mobile network is also disconnected in 30 minutes.
- · Press to turn Display on and release Sleep mode.

 After Sleep mode released, WLAN function is enabled and
 Wi-Fi router can reconnect to WLAN devices.
- Some WLAN devices will disconnect a WLAN connection if there is no transmission for a certain period of time after connecting. If such a device is connected to Wi-Fi router, the device may disconnect and Wi-Fi router may enter Sleep mode.
- To change the time until Wi-Fi router enters Sleep mode or the on/off setting, use the Touch Menu on Wi-Fi router or the WEB UI. For details, see "Setting Sleep Mode" or "LAN Wi-Fi Advanced Settings."

Using Touchscreen

Wi-Fi router uses a touchscreen-type Display. Operate with your fingers on Display.

· Tap

Contact Display lightly and briefly.



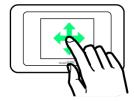
· Swipe/Flick

Contact Display lightly, then brush up/down or left/right.



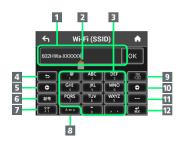
· Drag

Touch item lightly, then move item where desired.



Text Entry Window

Use onscreen keyboards for text entry.



Item	Description
1 Entry box	Text entry
2 Cursor	Show entry position
3 Keyboard	Entry keys
4 Return to previous character	Return to previous character
5 Cursor (left)	Move cursor to left
6 Entry mode (Symbol)	Symbol entry window opens
7 Entry mode (alphabet, numbers)	Toggle alphabet and numbers
8 Uppercase/ lowercase	Toggle uppercase and lowercase for an unconfirmed letter
9 Delete	Delete a character before cursor
10 Cursor (right)	Move cursor to right
11 Space	Enter a space
12 Fix	Confirm text entry

Text Entry

Multiple letters ("ABC," "DEF") are assigned to each key. Tapping key toggles characters.

- · Example: For "b," Tap _____ twice.
- · Example: For "c," Tap ABC three times.

Example: When "c" appears by Tapping three times, Tap to return to "b."

For characters assigned to the same key, operate as follows.

• Example: For "ca," Tap three times > Tap

To toggle uppercase and lowercase for entered character,

To enter symbols such as "#" or "/," Tap \blacksquare . To show all symbols, Tap \blacksquare . Tap \blacksquare to return to the original screen.

USIM Card

USIM Card is an IC card that contains customer information including phone number.

Handling USIM Card

- Carrier is not liable for damages resulting from installing USIM Card into an IC card reader manufactured by another company.
- · Keep IC chip surface clean.
- · Clean USIM Card with a dry, soft cloth.
- · Do not attach label on USIM Card. May cause malfunction.
- · For handling, see USIM Card user guide (Japanese).
- · USIM Card is the property of SoftBank Corp.
- · Reissue of USIM Card due to loss or damage is at cost.
- \cdot Return USIM Card when canceling subscription.
- Returned USIM Cards are recycled for environmental conservation.
- Specifications and capabilities are subject to change without notice.
- Keep a copy of information saved to USIM Card. SoftBank Corp. is not responsible for damages due to loss of saved information.
- In case USIM Card or Wi-Fi router (USIM Card inserted) is lost or stolen, urgently request to have usage suspended. Contact Customer Service, General Information.
- Power off Wi-Fi router before removing/installing USIM Card.
- Be careful not to touch or scratch the IC chip when installing/removing USIM Card.



1 IC chip

Installing USIM Card

Be sure to power off to perform the following steps.



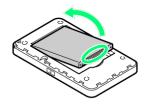
Remove Battery Cover



- \cdot Use notch (\bigcirc) to lift Battery Cover then remove it.
- \cdot Be careful not to hurt your fingernail etc.



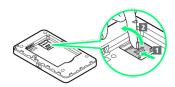
Remove Battery



 \cdot Use tab (\bigcirc) to slowly lift up as shown.



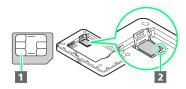
Open USIM Card Stopper



· Slide USIM Card Stopper to 11, then lift up to 2.

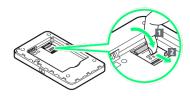


Install USIM Card



- · Confirm the orientation of corner notch (2) and place
 USIM Card in USIM Card Slot with IC chip (1) facing down.
- \cdot Be careful not to touch or scratch IC chip.

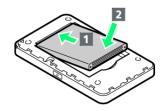
Close USIM Card Stopper



- · Lower USIM Card Stopper to 1, then slide it to 2.
- \cdot Make sure USIM Card is inserted completely.



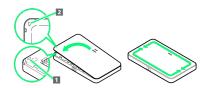
Insert Battery



· Align Battery terminals with Wi-Fi router terminals with (+) (-) printed side facing up and press Battery in direction 1, then firmly push down in direction 2.

7

Close Battery Cover



- Check the positions of △ marks on Wi-Fi router 1 and the back of Battery Cover 2 and firmly press around the edge of Battery Cover to fit it to Wi-Fi router.
- \cdot Hold and slide on the edge of Battery Cover to check there are no gaps.

Removing USIM Card

Power off Wi-Fi router in advance.



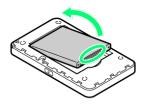
Remove Battery Cover



- \cdot Use notch (\bigcirc) to lift Battery Cover then remove it.
- \cdot Be careful not to hurt your fingernail etc.



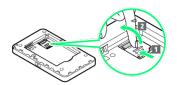
Remove Battery



 \cdot Use tab (\bigcirc) to slowly lift up as shown.



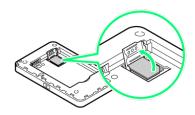
Open USIM Card Stopper



· Slide USIM Card Stopper to 11, then lift up to 2.



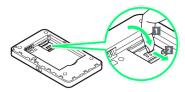
Remove USIM Card



 \cdot Remove USIM Card not to touch IC chip.



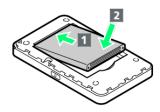
Close USIM Card Stopper



Lower USIM Card Stopper in direction 1, then slide it in direction 2.



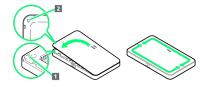
Insert Battery



Align Battery terminals with Wi-Fi router terminals with (+) (-) printed side facing up and press Battery in direction 1, then firmly push down in direction 2.



Close Battery Cover



- \cdot Hold and slide on the edge of Battery Cover to check there are no gaps.

Inserting/Removing Battery

Inserting Battery



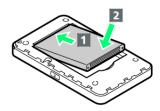
Remove Battery Cover



- \cdot Use notch (\bigcirc) to lift Battery Cover then remove it.
- \cdot Be careful not to hurt your fingernail etc.



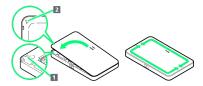
Insert Battery



Align Battery terminals with Wi-Fi router terminals with (+) (-) printed side facing up and press Battery in direction 1, then firmly push down in direction 2.



Close Battery Cover



- Check the positions of △ marks on Wi-Fi router 1 and the back of Battery Cover 2 and firmly press around the edge of Battery Cover to fit it to Wi-Fi router.
- \cdot Hold and slide on the edge of Battery Cover to check there are no gaps.

Removing Battery

Power off Wi-Fi router in advance.



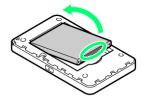
Remove Battery Cover



- \cdot Use notch (\bigcirc) to lift Battery Cover then remove it.
- \cdot Be careful not to hurt your fingernail etc.



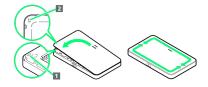
Remove Battery



 \cdot Use tab (\bigcirc) to slowly lift up as shown.



Close Battery Cover



- Check the positions of △ marks on Wi-Fi router 1 and the back of Battery Cover 2 and firmly press around the edge of Battery Cover to fit it to Wi-Fi router.
- \cdot Hold and slide on the edge of Battery Cover to check there are no gaps.

Wi-Fi Name and Password (Security Key)

Remove Battery and check Wi-Fi name (Network Name) and password (Security Key: WPA Key or WEP Key).

Be sure to power off to perform the following steps.

• The default Wi-Fi name and password (Security Key: WPA Key or WEP Key) can be checked on the included WLAN Initialization Sticker.



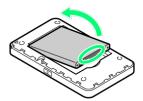
Remove Battery Cover



- \cdot Use notch (\bigcirc) to lift Battery Cover then remove it.
- · Be careful not to hurt your fingernail etc.



Remove Battery



· Use tab (\bigcirc) to slowly lift up as shown.



Check Wi-Fi name and Password (Security Key)



Charging Battery

Wi-Fi router is not fully charged by default. Charge Wi-Fi router before use.

Wi-Fi router discharges even when not in use. Charge Wi-Fi router before use if it is not in use for a long time.

Usage times gradually become shorter due to repeated charging/discharging. For estimated charging times and usage times, see "Specifications."

Charging

Charging Conditions

Under low temperatures charging, performance decreases. Use USB Cable and AC Charger (sold separately) in temperatures between 5°C - 35°C .

USB charging may be unavailable depending on Wi-Fi router temperature.

Use Supplied Accessories or Accessories Sold Separately

Always charge with supplied USB Cable connected to computer or with an AC Charger (sold separately).

Wi-Fi Router and AC Charger (Sold Separately) Becoming Warm/Hot

Wi-Fi router and AC Charger (sold separately) may become warm while charging. This is not a malfunction. However, stop using them immediately if they become extremely hot; they may be malfunctioning.

Precaution for Extended Use

Wi-Fi router may become hot while in use or while charging for a long period, especially in high temperatures. Prolonged contact with skin may cause low-temperature burn injuries.

Connecting USB Cable

Confirm that orientation of USB Cable plugs is correct.

Connecting in wrong orientation may cause damage or malfunction.

Display while Charging

Even when power is off, Press 🐧 to show animation and battery level.

When charging is complete, appears.

Using USB (Computer)

Use supplied USB Cable.

- · Make sure to power on computer before charging.
- Depending on computer connection environment, charging may fail.



Insert USB Cable (Type-C plug) into External Device Port and USB Cable (USB plug) to a computer



· When connecting Wi-Fi router to a computer for the first time, driver software is automatically installed.



When complete, remove USB Cable from computer and Wi-Fi router



Check battery level on Display.

Charging with Computer

Charging takes longer than with AC Charger (sold separately). Time required depends on the connected computer.

Using AC Charger (Sold Separately)

AC Charger is sold separately.

Use products specified by SoftBank such as follows.

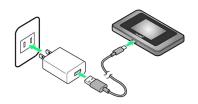
Product name: AC Charger (with USB Type-C Quick Charge 3.0 capability) [ZSCAZX]

(SoftBank SELECTION USB Type-C rapid charging AC Charger [SB-AC17-TCQC])

- This section describes charging method using supplied USB Cable and USB compatible AC Charger (sold separately).
- \cdot See AC Charger (sold separately) user guide.

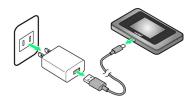


Insert USB Cable (Type-C plug) into External Device Port, USB Cable (USB plug) into USB connector of AC Charger (sold separately), and power plug of AC Charger (sold separately) to AC outlet





When complete, unplug AC Charger



Check battery level on Display.

Power On/Off

Power On







Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

Flick Display up/down





Home Screen appears.

- · Clock is shown on Lock Screen. Shown date and time are obtained from connected network. Date and time are not changed by users.
- · To use overseas, date and time are not obtained depending on connected network, and they are not shown in that case. Even when date and time are obtained, they are shown in Japan time.
- · For the first time activation or after resetting, "ようこそ!" screen (Simple setting) appears. Tap 次へ to show Wi-Fi name and password (Security Key), and set Pass Code for unlocking Screen Lock. For settings, see "Quick Setup."
- · When Pass Code for unlocking screen is set, Pass Code entry screen appears. For unlocking screen by entering Pass Code, see "Entering Pass Code to Unlock Screen."
- \cdot When PIN verification is set to USIM, PIN entry screen appears. See "PIN Verification (Wi-Fi Router)" or "PIN Verification (WEB UI)" to enter PIN. For PIN verification settings, see "PIN Verification."

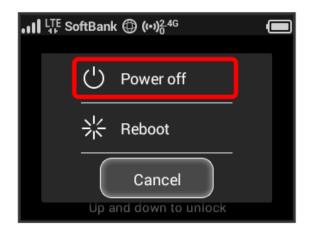
Power Off







Power off



Power is off.

Connecting with WLAN

WLAN (WI-FI)1	lŏ
Activating WLAN (Wi-Fi) Function1	9
Connecting Windows PC1	9
Connecting Mac2	3
Connecting Android™ Device2	4
Connecting iPhone/iPod touch/iPad2	25
Connecting WPS Supported WLAN Devices 2	Q

WLAN (Wi-Fi)

WLAN (Wi-Fi)

Advanced Settings

Change WLAN settings as required. See "Setting LAN Wi-Fi."

Simultaneous Connection

Use Wi-Fi router to connect up to 14 WLAN devices simultaneously.

When Multi-SSID (SSID B) is enabled or Wi-Fi spot is active, connect up to 13 devices.

When Multi-SSID (SSID B) is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.

Automatic Updates for Optimizing Wi-Fi Connection

When connected by Wi-Fi, settings for optimizing the connection are sometimes automatically received/updated.

Cautions for WLAN Usage

Security

For added security, change default Wi-Fi name (network name) and password (Security Key: WPA Key or WEP Key).

Communication Speed

When Wi-Fi spot or Multi-SSID function is enabled, communication speed may decrease depending on number of WLAN devices connected to Wi-Fi router.

Wi-Fi Communication Standard Setting

If you are unable to connect with WLAN, change Wi-Fi communication standard setting and retry. For details, see "Wi-Fi Communication Standard Setting."

Reception Interference

IEEE 802.11b/g/n WLAN devices and Bluetooth devices use the same 2.4 GHz band. If a WLAN device or Bluetooth device is used near Wi-Fi router, the communication speed may lower by reception interference.

Overview

Wi-Fi router supports IEEE 802.11 a/b/g/n/ac standards.
Connect WLAN devices (computer, etc.) via WLAN for wireless data transfers.

Wi-Fi router supports Wi-Fi Protected Setup (WPS), which allows WLAN connection settings to be easily configured on any WPS-compliant device.

Enter Wi-Fi router's Wi-Fi name and password (Security Key: WPA Key or WEP Key) to connect non-WPS-compliant WLAN devices.

For details on Wi-Fi name and password (Security Key), see "Wi-Fi Name and Password (Security Key)."

 These settings should be performed when Wi-Fi router is connected the first time to another WLAN device.
 Thereafter, simply activate Wi-Fi (WLAN) to automatically connect Wi-Fi router to the Wi-Fi (WLAN) device.

Activating WLAN (Wi-Fi) Function

Power on to connect to the Internet automatically.

Connecting to 4G/LTE/3G







- Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.
- · When WLAN is enabled, (Wi-Fi connection standard (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

Connecting Windows PC

Connect a Windows PC to connect to the Internet.

Wi-Fi Name (Network Name) and Password (Security Key: WPA Key or WEP Key)

For Wi-Fi Name and password (Security Key), see "Wi-Fi Name and Password (Security Key)."

Default Wi-Fi name is shown in alphanumerics with a leading "602HWa-" or "602HWb-."

If they are changed, use set Wi-Fi name and password (Security Key).

Do not connect to other neighboring WLAN network.

Windows 10

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Windows 10.



(Press & Hold)



- Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.
- · When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.



Activate PC WLAN function

Method for enabling PC WLAN varies by model. Contact PC manufacturer.



In task tray, click 🧖



"Network settings" appears.



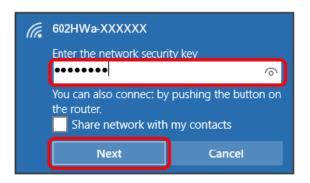
Select Wi-Fi router's Wi-Fi name → Connect



When Wi-Fi name is not shown, press to exit Sleep mode.



Enter password (Security Key)
Next



WLAN connection counter number on Display increases by one (e.g.) .

 \cdot Confirmation message for sharing PC may appear; do not set it. For sharing PC, see Windows Help.

Windows 8.1

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Windows 8.1.



(Press & Hold)



Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.



Activate PC WLAN function

Method for enabling PC WLAN varies by model. Contact PC manufacturer.





4

Select Wi-Fi router's Wi-Fi name → Connect



・When Wi-Fi name is not shown, press o to exit Sleep

Enter password (Security Key) 🔵 Next



- WLAN connection counter number on Display increases by one (e.g. 📅 🔷 🛱).
- \cdot Confirmation message for sharing PC may appear; do not set it. For sharing PC, see Windows Help.

Windows 7

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Windows





(Press & Hold)



- Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.
- · When WLAN is enabled, (Wi-Fi connection standard (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet,

 (Internet connected) lights.



Activate PC WLAN function

· Method for enabling PC WLAN varies by model. Contact PC manufacturer.









Connect to a network





Select Wi-Fi router's Wi-Fi name → Connect



• When Wi-Fi name is not shown, press 🐧 to exit Sleep mode.



Enter password (Security Key) 🔵 OK



WLAN connection counter number on Display increases by one (e.g.

Output

Display increases by output

Display increases by one (e.g.

Output

Display increases by output

Display in

Windows Vista

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Windows Vista.







Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (Wi-Fi connection standard (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

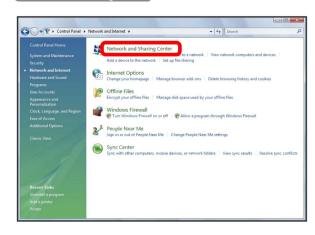
2

Activate PC WLAN function

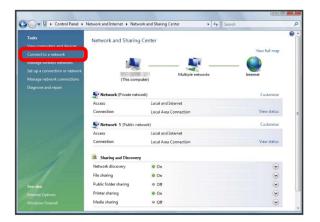
 Method for enabling PC WLAN varies by model. Contact PC manufacturer.







Connect to a network



5

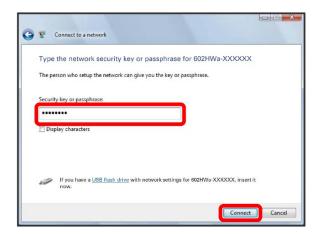
Select Wi-Fi router's Wi-Fi name → Connect



· When Wi-Fi name is not shown, press 🐧 to exit Sleep mode.

6

Enter password (Security Key)
Connect



7

[Close]

Connecting Mac

Connect a Mac to connect to the Internet.

Wi-Fi Name (Network Name) and Password (Security Key: WPA Key or WEP Key)

For Wi-Fi Name and password (Security Key), see "Wi-Fi Name and Password (Security Key)."

Default Wi-Fi name is shown in alphanumerics with a leading "602HWa-" or "602HWb-."

If they are changed, use set Wi-Fi name and password (Security Key).

Do not connect to other neighboring WLAN network.

Mac

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting on Mac OS X 10.12.

1

(Press & Hold)



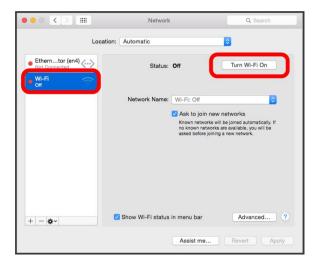
Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2



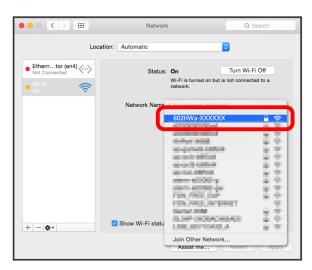




WLAN function on Mac is enabled.

4

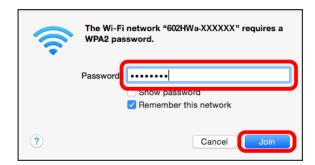
In "Network Name" pulldown list, select Wi-Fi router's Wi-Fi name



• When Wi-Fi name is not shown, press 🐧 to exit Sleep mode.

5

Enter password (Security Key) in "Password" (



WLAN connection counter number on Display increases by one (e.g. \bigcirc) \bigcirc).

Connecting Android™ Device

Connect an Android™ device to connect to the Internet.

Wi-Fi Name (Network Name) and Password (Security Key: WPA Key or WEP Key)

For Wi-Fi Name and password (Security Key), see "Wi-Fi Name and Password (Security Key)."

Default Wi-Fi name is shown in alphanumerics with a leading "602HWa-" or "602HWb-."

If they are changed, use set Wi-Fi name and password (Security Key).

Do not connect to other neighboring WLAN network.

Connecting Android™ Device

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" under "WPA" security setting on Android™ 7.0. Some operations and screenshots vary by security method.

Operation steps vary by Android™ device. For details, refer to Android™ device user guide.

1

(Press & Hold)



Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (Wi-Fi connection standard (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

Power on Android™ device ♦ In menu, Settings ♦ Wi-

3

Enable Wi-Fi

WLAN function on Android™ device is enabled.

4

Tap Wi-Fi router's Wi-Fi name

・When Wi-Fi name is not shown, press 💍 to exit Sleep mode.

Enter password (Security Key) in "Password"

Connect

Connecting iPhone/iPod touch/iPad

Connect an iPhone/iPod touch/iPad to connect to the Internet.

Wi-Fi Name (Network Name) and Password (Security Key: WPA Key or WEP Key)

For Wi-Fi Name and password (Security Key), see "Wi-Fi Name and Password (Security Key)."

Default Wi-Fi name is shown in alphanumerics with a leading "602HWa-" or "602HWb-."

If they are changed, use set Wi-Fi name and password (Security Key).

Do not connect to other neighboring WLAN network.

iPhone/iPod touch

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" under "WPA" security setting on iPhone with iOS 10.







Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.



Settings 🔵 [Wi-Fi]





Enable Wi-Fi



WLAN function on iPhone/iPod touch is enabled.



In "CHOOSE A NETWORK..." list, Tap Wi-Fi router's Wi-Fi name



 \cdot When Wi-Fi name is not shown, press $\ensuremath{\ensuremath{\text{\textcircled{0}}}}$ to exit Sleep mode.



Enter password (Security Key) in "Password" 🗦 Join



WLAN connection counter number on Display increases by one (e.g.

Output

Display increases by output

Display increases by one (e.g.

Output

Display increases by output

Display in

iPad

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" under "WPA" security setting on iPad with iOS 10.



(Press & Hold)



Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (Wi-Fi connection standard (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

Settings → Wi-Fi



3

Enable Wi-Fi



WLAN function on iPad is enabled.

4

In "CHOOSE A NETWORK..." list, Tap Wi-Fi router's Wi-Fi name



· When Wi-Fi name is not shown, press 💿 to exit Sleep mode.

5

Enter password (Security Key) in "Password" 🗦 Join



WLAN connection counter number on Display increases by one (e.g.) .

Connecting WPS Supported WLAN Devices

Precautions for Using WPS Function

SSID Stealth

While Wi-Fi router's stealth is enabled, WPS function is not available. For SSID stealth function, see "Quick Setup," "Setting LAN Wi-Fi."

Encryption

When encryption is set to WEP, WPS function is not available.

Connecting WPS Supported WLAN Devices

1





Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (2.4G/5G) / number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

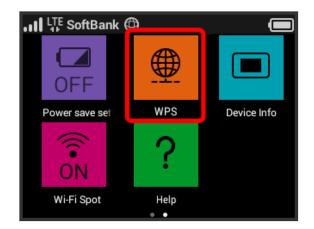
2

Enable WLAN function on WLAN device, and make any required WPS settings

 \cdot Method of setting WPS function varies by device. See WLAN device user guide etc.

3

[WPS]



4

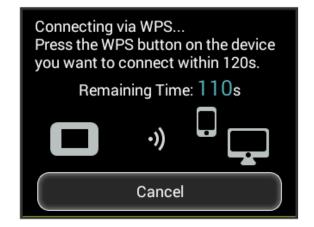
[LAN Wi-Fi]



Wi-Fi-router is on standby to accept WLAN device connection.

5

While window below appears (within 120 seconds), set up WPS connection on WLAN device









 $^{\circ}$ When "WPS connection failed." appears, Tap $\,$ OK $\,$, then retry.

7

To make other settings on WLAN device, follow the onscreen instructions $% \left(1\right) =\left(1\right) \left(1\right) \left($

Connecting with USB Cable (Windows)

Device Recognition/Removal o	n Windows PC32
Installing/Uninstalling Driver	(Windows PC)33

Device Recognition/Removal on Windows PC

Wi-Fi router automatically connects to the Internet when powered on. Connect with PC via USB Cable to allow data communication.

Device Recognition (Windows)

Upon connecting the first time, the device driver is installed automatically.



Power on PC



Insert USB Cable (Type-C plug) into Wi-Fi router External Device Port, and USB plug into PC



PC should recognize Wi-Fi router within a few seconds.

Device Removal (Windows)

 When using a PC, check that data uploading/downloading is completed before removing Wi-Fi router.



Check that data uploading/downloading is completed.



Remove Wi-Fi router from PC



888 F

Removal is complete.

Cautions for Removing Wi-Fi Router

Standby/Hibernation

Wi-Fi router may malfunction if PC enters standby (suspend/resume) or hibernation with it connected. Be sure to remove Wi-Fi router before leaving a PC unattended, etc. Wi-Fi router may malfunction if connected before PC starts/restarts. Remove Wi-Fi router before starting/restarting PC.

WEB UI

Exit WEB UI before removing Wi-Fi router. Do not remove Wi-Fi router during transmissions.

Installing/Uninstalling Driver (Windows PC)

Notes on Installation/Uninstallation

Removing

Do not remove Wi-Fi router during installation/ uninstallation. May cause failure of installation/ uninstallation, system shutdown or other abnormality.

Administrative Privileges

Log in as Administrator.

Manual Installation

When connecting Wi-Fi router the first time, the device driver installs automatically.

If installation does not begin automatically or a screen is not displayed for selecting installation options, install with the following steps.

Screenshots/operations are based on Windows 10.

 \cdot Power on the PC first, and then connect Wi-Fi router to the PC.

1

Start menu 🔵 Activate File Explorer

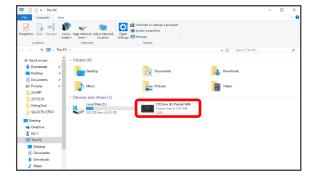
2

This PC

- · Windows 8.1: Desktop Activate File Explorer This PC .
- · Windows 7: Start menu 🗦 Computer .

3

Double-click Pocket WiFi



User Account Control dialog box may appear.

4

Yes

Installation is complete.

Uninstalling Driver

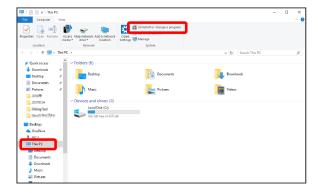
Screenshots/operations are based on Windows 10.

1

Start menu 헞 Activate File Explorer

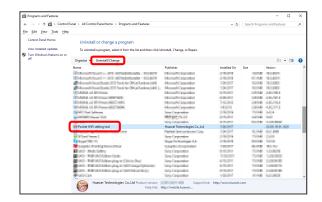
2

This PC → [Uninstall or change a program]



3

In list, Pocket WiFi setting tool → Uninstall/Change



Uninstallation starts.

Windows 8.1/Windows 7





Connecting with USB Cable (Mac)

Device	Recognition/Rer	moval on	Mac	36
Installi	ng/Uninstalling	Driver (1	Mac)	36

Device Recognition/Removal on Mac

Wi-Fi router automatically connects to the Internet when powered on. Connect with Mac via USB Cable to allow data communication.

Removal Cautions

Before Entering Sleep Mode

Wi-Fi router may malfunction if Mac enters Sleep mode with it connected. Be sure to remove Wi-Fi router before leaving Mac unattended, etc. Wi-Fi router may malfunction if connected before Mac starts/restarts. Remove Wi-Fi router before starting/restarting Mac.

WEB UI

Exit WEB UI before removing Wi-Fi router. Do not remove Wi-Fi router during transmissions.

Device Recognition (Mac)

1

Power on Mac



Insert USB Cable (Type-C plug) into Wi-Fi router External Device Port, and USB plug into Mac



Mac should recognize Wi-Fi router within a few seconds.

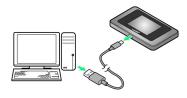
Device Removal (Mac)



Check that data uploading/downloading is completed



Remove Wi-Fi router from Mac



Device removal is complete.

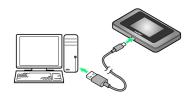
Installing/Uninstalling Driver (Mac)

Driver Installation (Mac)

Screenshots and steps described here are for Mac OS X 10.12.



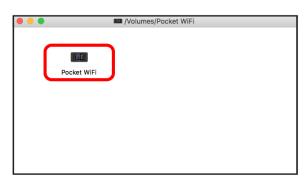
Connect Wi-Fi router to Mac



"Pocket WiFi" icon appears on desktop and "Pocket WiFi" folder automatically opens.



Double-click Pocket WiFi



"Install Pocket WiFi" appears on desktop.



Enter user name and password

OK

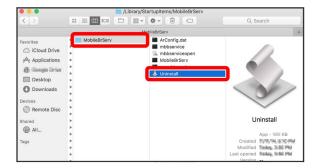


Installation is complete.

Uninstalling Driver (Mac)

1





2

Enter user name and password \bigcirc OK



Uninstallation is complete.

Settings (Using Router Touch Menu)

Touch Menu	40
Quick Setup	40
Showing/Setting Data Usage	42
Setting Wi-Fi Spot	46
Confirming Notifications	48
Checking WLAN Connected Device Information	.51
Setting Wi-Fi Name or Authorization Method	51
Using WPS	55
Using Power Save Setting	57
Other Settings	58
Checking Wi-Fi Router Information	71
Checking Help	71

Touch Menu

Wi-Fi router Display is a touchscreen. Tap Touch Menu Icons to check function settings or product information.

Touch Menu

Touch Menu Icons are as follows.





Touch Menu Icons

For description of Icons in Touch Menu, see "Touch Menu Icons."

Quick Setup

Use Simple setting to show Wi-Fi name and password (Security Key), and set Pass Code for unlocking Screen Lock.

Quick Setup

1

Simple setting



2

[Next]



· For the first time activation or after resetting, "ようこそ!" screen (Simple setting) appears.



Next



- · Enter Wi-Fi name and password (Security Key) shown on the screen to connect WLAN devices.
- · For connection to WLAN devices, see "Connecting Windows PC," "Connecting Mac," "Connecting Android™ Device," "Connecting iPhone/iPod touch/iPad," "Connecting WPS Supported WLAN Devices."

4



· If not setting Pass Code, tap Next without any entry and go to step 7.



Enter four-digit Pass Code 🔵 OK



· When Pass Code is set, Pass Code entry screen appears when unlocking screen. For unlocking screen by entering Pass Code, see "Entering Pass Code to Unlock Screen."

6

Re-enter four-digit Pass Code 🔵 🔘

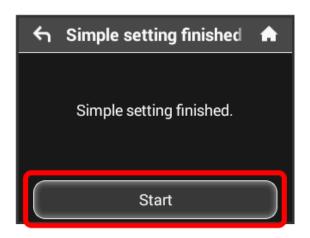




· If re-entered Pass Code is different from the one first entered, the screen returns to the step 5 screen. Input Pass Code again.

7

Start



Showing/Setting Data Usage

Set to show/hide data traffic volume for mobile network. Also, set a maximum on data traffic or the reset date for data traffic.

Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact Customer Service. Data traffic does not include Wi-Fi spot communication.

Checking Data Traffic Volume

Show accumulated data traffic at the moment from start of use or reset.

1

Data traffic



2

Cancel



Accumulated data traffic volume at the moment from start of use or reset is shown. Moreover, the data traffic from start to a maximum of three days before is also shown.

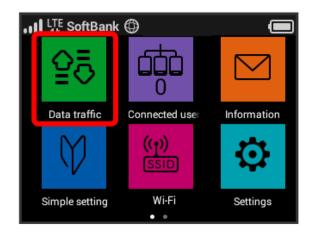
 Tap OK for the setting to show data traffic volume on Home Screen or Lock Screen. For settings, see "Showing Data Traffic on Home Screen and Lock Screen."

Showing Data Traffic on Home Screen and Lock Screen

Set to show data traffic volume on "Data traffic" icon on Home Screen and Lock Screen.



Data traffic



2

OK



3

next



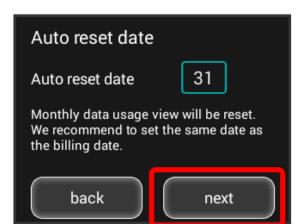


Check maximum traffic setting
→ next

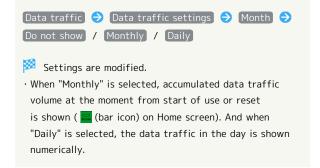


5

Check auto reset date setting
next



- Settings are modified.
- When Home Screen is shown, (data traffic volume icon) on Home Screen changes.
 Data traffic volume shown in (bar icon) appears with
- Data traffic volume shown in (bar icon) appears with three-digit numbers with decimal places rounded off.
- Disable Showing/Change Showing Period



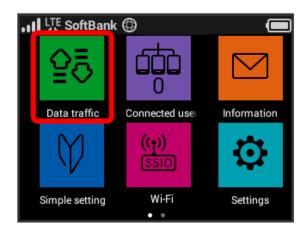
Setting Maximum Traffic

Set monthly data traffic volume. When data traffic volume exceeds the set volume, notification icon etc. appears.

- When "Monthly" is selected to show data traffic volume on Home Screen, (bar icon) is shown on Home screen.
 When data traffic volume exceeds the maximum volume set in Maximum traffic (step 4), bar icon of data traffic changes to (maximum exceeded icon).
- Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.



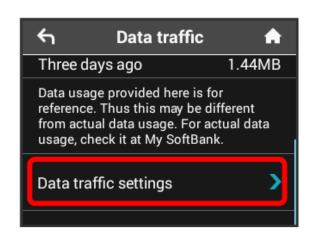
Data traffic



 \cdot If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap $\mbox{\tt Cancel}$.

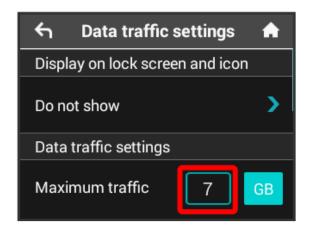


Data traffic settings





Tap number in "Maximum traffic"

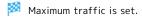


• Tap GB (GB) to change unit for maximum traffic to MB (MB).



Enter number for maximum traffic 🗦 OK





· Enter value number between 1 and 999.

Setting Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

It is reset at the timing which changes on the next day from set date.



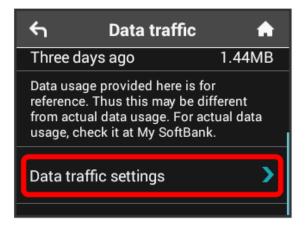
Data traffic



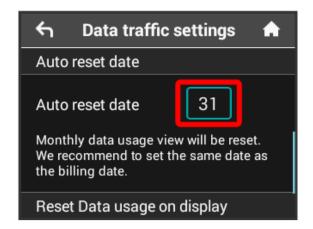
 \cdot If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap $\mbox{\tt Cancel}$.



Data traffic settings



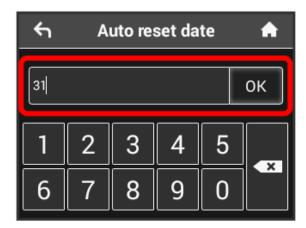
Tap number in "Auto reset date"



4

Enter day for auto reset date

OK



- Auto reset date is set.
- · Enter value number between 1 and 31.
- \cdot If 31 is set, data traffic is reset at the end of the month.

Resetting Data Traffic

Reset all data traffic volumes for "Month," "Today," "Yesterday," "Two days ago," and "Three days ago."

1

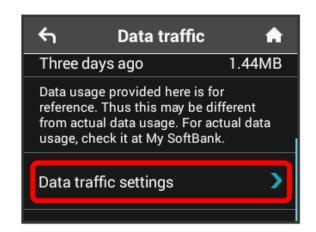
Data traffic



 \cdot If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap $\mbox{\tt Cancel}$.

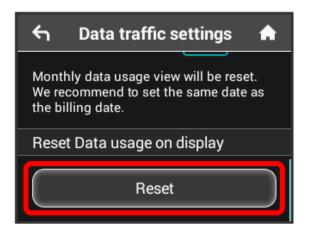
2

Data traffic settings



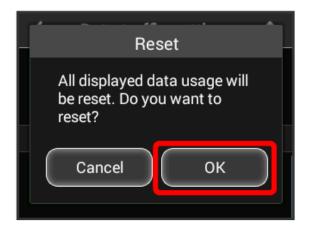
3

Reset









Data volume is reset.

Setting Wi-Fi Spot

Wi-Fi router connects to the Internet via a household or office WLAN router, SoftBank Wi-Fi spot, etc. This internet connection is called Wi-Fi spot.

Setting Wi-Fi Spot

Connect to the Internet via Wi-Fi.

- · Simultaneous use of Wi-Fi spot and Multi-SSID (SSID B) is not available.
- When Wi-Fi spot function is enabled, communication speed may decrease depending on the number of WLAN devices connected.

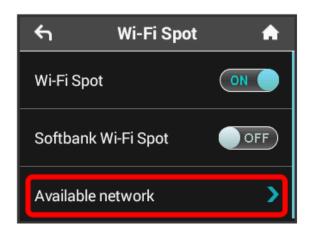


Wi-Fi Spot



2

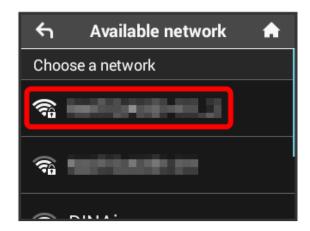
Available network



- · When "Wi-Fi Spot" is OFF , tap OFF to ON .
- When "Wi-Fi Spot" is turned to ON with Multi-SSID (SSID B) enabled, information screen appears. Tap OK to disable Multi-SSID automatically.

3

Tap network to connect



4

Enter password (Security Key)

OK



- Wi-Fi router connects to Internet via selected network.
- Connecting to a New Network via Wi-Fi Spot



Setting Up SoftBank Wi-Fi Spot

Use a SoftBank Wi-Fi Spot to connect to the Internet.

 \cdot SoftBank Wi-Fi Spot password is a four-digit security code set at subscription.

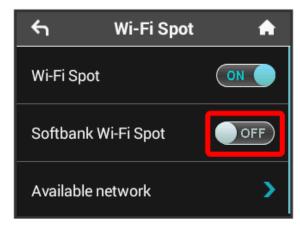


Wi-Fi Spot



2

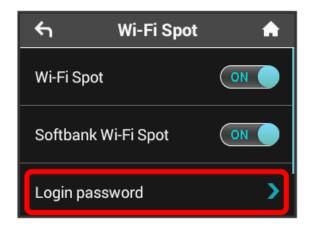
In "Softbank Wi-Fi Spot," OFF



- ' When "Wi-Fi Spot" is OFF, tap OFF to ON.
- When "Wi-Fi Spot" is turned to ON with Multi-SSID (SSID
 B) enabled, information screen appears. Tap OK to disable Multi-SSID automatically.

3

[Login password]



4

Tap Number Keys to enter four-digit login password ♦ OK



Wi-Fi router connects to SoftBank Wi-Fi Spot. Internet connection is available.

Confirming Notifications

Wi-Fi router receives available notifications.

Confirming Notifications

1

[Information]



2

Tap notification to confirm

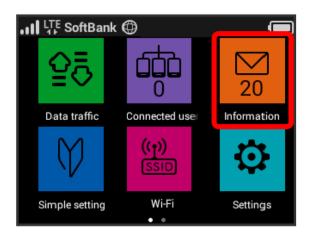


Confirm notification.

Deleting Confirmed Notifications

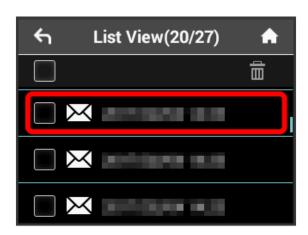
1

[Information]



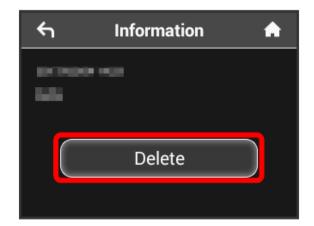
2

Tap notification to delete



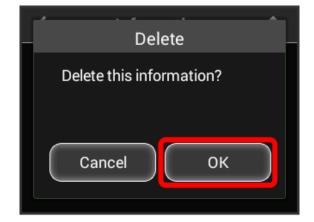
3

Delete



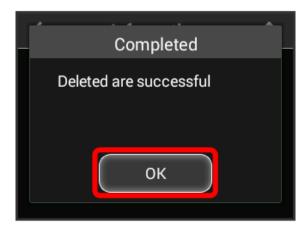
4

OK)



5

OK)

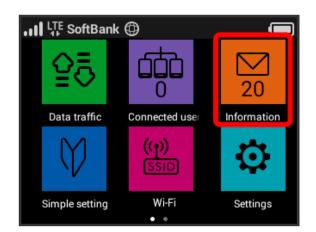


Notification is deleted.

Selecting and Deleting Notifications

1

[Information]



2

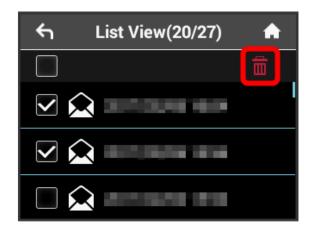
Checkmark notifications to delete



 \cdot Checkmark Checkbox on the top of screen to select all.



侖



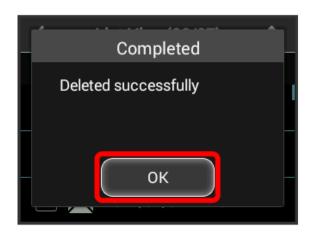
4

 $[\mathsf{OK}]$



5

[OK]



Selected notifications are deleted.

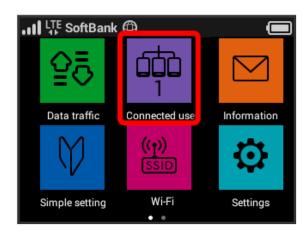
Checking WLAN Connected Device Information

Check WLAN device information such as computers and smartphones connected to Wi-Fi router.

Checking WLAN Connected Device Information

1

Connected users



MAC address or device names, connection times for devices connected to Wi-Fi router are shown.

Setting Wi-Fi Name or Authorization Method

Set Wi-Fi name (Network Name) of Wi-Fi router, password (Security Key: WPA Key or WEP Key), authorization or encryption.

Also, enable/disable Multi-SSID (SSID B) for using two Wi-Fi names.

Wi-Fi Name and Password (Security Key)

1

Wi-Fi



2

Tap Wi-Fi name





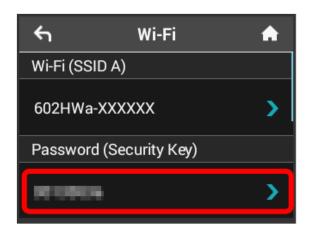
Enter Wi-Fi name

OK





Tap password (Security Key)





Enter password (Security Key) 🔵 OK



Entered Wi-Fi name and password (Security Key) are set.

Authorization Method and Encryption Method

Select authorization and encryption used for WLAN connection

Select authorization method and encryption method from the following.

· Authorization method

Item	Description
Auto	"Open" or "Shared key" is selected automatically according to the connecting device authorization method; "WEP" is selected for encryption
Open	Authorization is not available; "NONE" or "WEP" is selected for encryption
Shared key	Authorize using WEP Key; "WEP" is selected for encryption
WPA2-PSK	Authorize using WPA Key; "AES" is selected for encryption
WPA/WPA2- PSK	Authorize using WPA Key; "AES"/"AES+TKIP" is selected for encryption

· Encryption method

Item	Description
NONE	Password (Security Key) is not used; When "Open" is selected in Authorization method
WEP	When " Auto"/"Shared key"/"Open" is selected in Authorization method
AES	When "WPA/WPA2-PSK"/"WPA2-PSK" is selected in Authorization method
AES+TKIP	When "WPA/WPA2-PSK" is selected in Authorization method

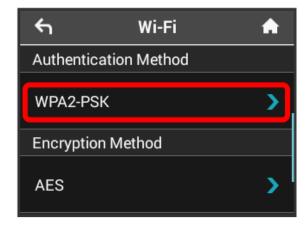






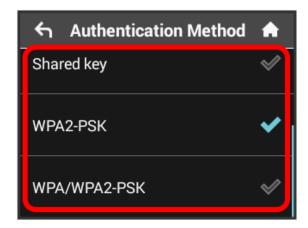
2

Tap authentication method



3

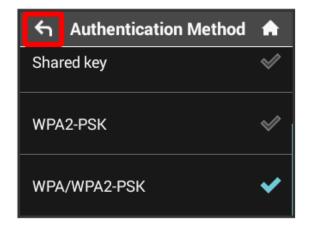
Tap authorization method



- Authorization method is modified.
- Notification appears for some authorization methods requiring that password (Security Key) be changed. In that case, tap OK and enter password (Security Key) on Entry screen.

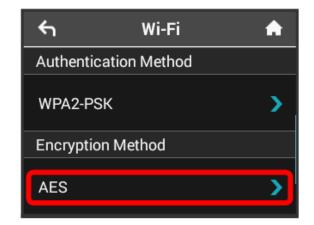
4

4



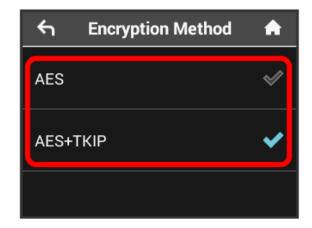
5

Tap encryption method



6

Tap encryption method



Selected authorization and encryption are set.

Enabling Multi-SSID

Turn on Multi-SSID (SSID B) to set basic WLAN for Wi-Fi name (SSID B).

- \cdot To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- · When Multi-SSID is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.
- When Multi-SSID is enabled, communication speed may decrease depending on number of WLAN devices connected.



Wi-Fi Spot



2

In "Wi-Fi Spot," ON



"Wi-Fi Spot" turns to OFF .

3



4

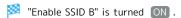
Confirm "Wi-Fi Spot" icon is OFF 🔵 Wi-Fi



5

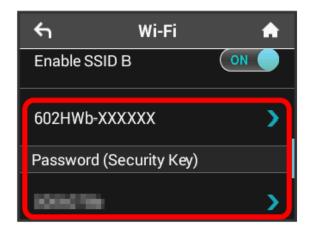
In "Enable SSID B," OFF





 \cdot If confirmation appears, follow the onscreen instructions.

Set Wi-Fi name and password (Security Key), authorization and encryption the same as Wi-Fi name (SSID A)



- Wi-Fi name (SSID B) is available.
- For setting procedures, see "Wi-Fi Name and Password (Security Key)" and "Authorization Method and Encryption Method."

Using WPS

Wi-Fi router supports WPS. Use WPS to connect WPS supported wireless LAN router easily.

Connecting WLAN Devices

Connect WPS supported WLAN devices.

1

Enable WLAN function on WLAN device, and make any required WPS settings

 \cdot Method of setting WPS function varies by device. See WLAN device user guide etc.

2

[WPS]



3

[LAN Wi-Fi]



4

While window below appears (within 120 seconds), set up WPS connection on WLAN device









 $\dot{}$ When "WPS connection failed." appears, tap $\boxed{\mbox{OK}}$ then retry.



To make other settings on WLAN device, follow the onscreen instructions $% \left(1\right) =\left(1\right) \left(1\right) \left($

Wi-Fi router connects to WLAN device.

Connecting to the Access Point

Connect WPS supported access point.

· Enable Wi-Fi spot in advance.



Enable WLAN function on access point device, and make any required WPS settings

 Method of setting WPS function varies by device. See access point device user guide etc.



[WPS]



3

[Wi-Fi Spot]



4

While window below appears (within 120 seconds), make WPS connection settings on access point device



5





 \cdot When "Wi-Fi Spot WPS connection failed." appears, tap $$\mathbb{O}\mathbb{K}$$ then retry.

6

To make other settings on access point device, follow the onscreen instructions

Wi-Fi router connects to access point.

Precautions for Using WPS Function

SSID Stealth

While Wi-Fi router's stealth is enabled, WPS function is not available. For SSID stealth function, see "Quick Setup," "Setting LAN Wi-Fi."

Encryption

When encryption is set to WEP, WPS function is not available.

Using Power Save Setting

Set Power save setting to ON to save power consumption during use for longer usage time.

The maximum communication speed of mobile network and WLAN is reduced to save power consumption.

Using Power Save Setting

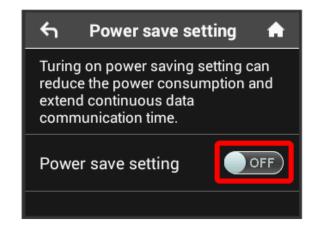
1

Power save setting



2

In "Power save setting," OFF



"Power save setting" turns to ON .

Other Settings

Make settings including rearranging Touch Menu Icons in Home Screen, roaming, Pass Code for unlocking Screen Lock, brightness, Sleep, Wi-Fi communication standard, USB tethering, language/time, software update, checking URL for WEB UI, etc.

Home Screen

Rearrange Touch Menu Icons on Home Screen.

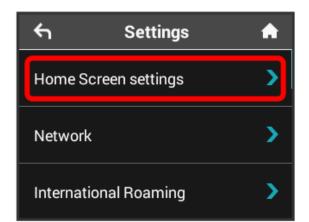


Settings



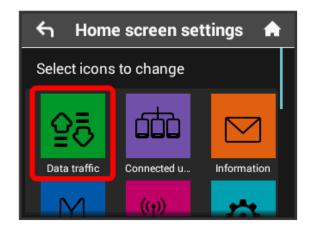
2

Home Screen settings





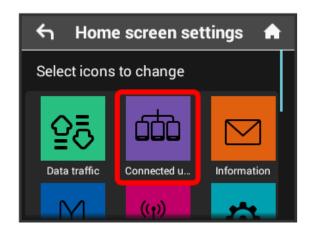
Tap Icon to switch



 \cdot The color of the icon becomes bright.



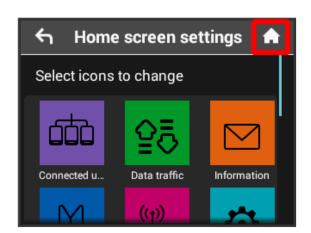
Tap Icon to switch with



Selected Icons are switched.







Home Screen with Icons rearranged appears.

• To reset Home Screen to the default, tap Reset Home screen • OK .

Setting Network Mode

Set Network mode to connect.

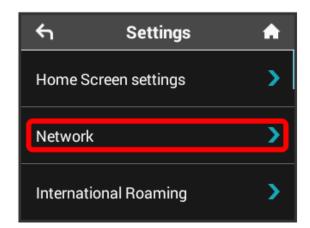
1

Settings



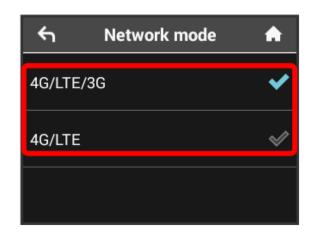
2

[Network]



3

Tap mode to set



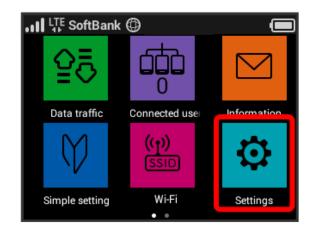
Network mode is set.

International Roaming

Enable auto-International roaming connection.

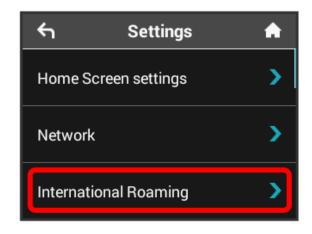
1

[Settings]



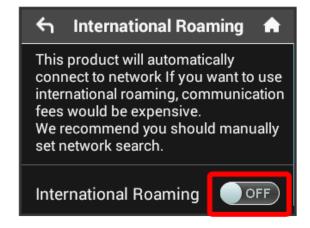
2

[International Roaming]



3

In "International Roaming," OFF



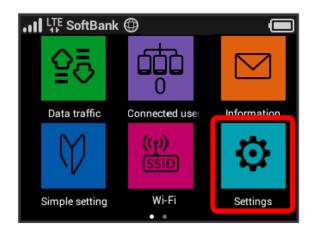
"International Roaming" is turned to ON. International roaming is available.

Screen Lock

Set Pass Code entry for canceling Screen Lock.

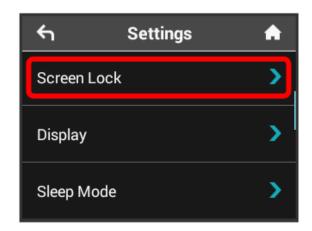
1

Settings



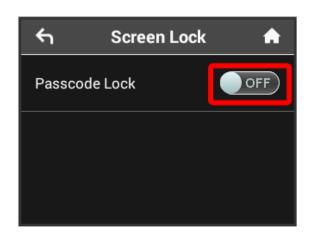
2

Screen Lock



3

In "Passcode Lock," OFF



Passcode Lock" is turned to ON .

4

Enter four-digit Pass Code 🔵 OK



5

Re-enter four-digit Pass Code
OK



- Unlocking Pass Code is set.
- · If re-entered Pass Code is different from the first one entered, screen returns to the step 4 screen. Input Pass Code again.
- When Pass Code is set, Pass Code entry screen appears when unlocking screen. For unlocking screen by entering Pass Code, see "Entering Pass Code to Unlock Screen."
- To change the set Pass Code, after setting Pass Code, tap

 Modify passcode and enter Pass Code in step 3, then set a new Pass Code.

Entering Pass Code to Unlock Screen

1

Flick Display up or down to unlock



2

Enter four-digit Pass Code
OK



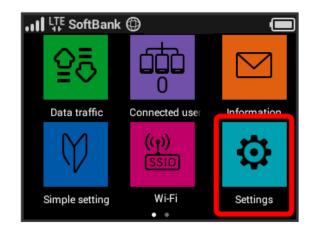
- Screen is unlocked.
- · If Pass Code is incorrect, re-enter prompt appears.
- · If you forget Pass Code, reset Wi-Fi router to cancel Screen Lock by Pass Code. To reset Wi-Fi router, see "Front/Top/Bottom" or "Resetting Wi-Fi Router." By resetting, note that in addition to Pass Code for Screen Lock, all Wi-Fi router settings return to their default state.

Changing Screen Brightness

Set screen brightness.

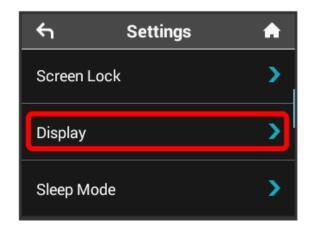
1

[Settings]



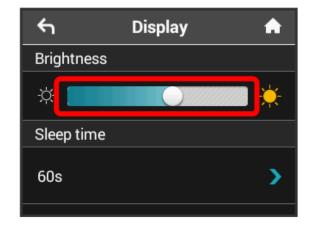
2

[Display]



3

Drag bar to adjust brightness



Screen backlight is changed to the set brightness.

Changing Backlight Time

Set backlight timeout when there is no operation of Wi-Fi router.

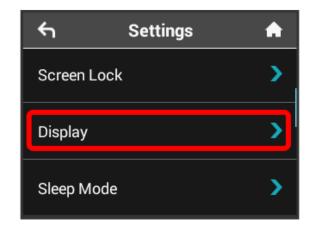
1

[Settings]



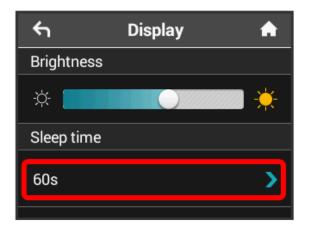
2

[Display]



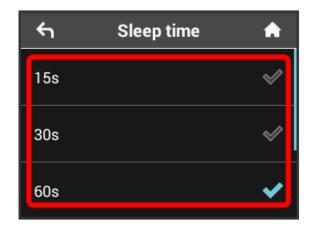
3

Tap sleep time



4

Tap desired seconds



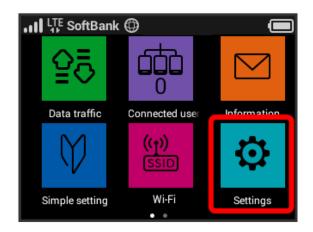
Backlight changes to the set timeout.

Setting Sleep Mode

When operation is not performed for a certain period of time or when charging Battery without connection to any WLAN device, Wi-Fi router goes into Sleep mode for energy-saving. Set time period for Sleep mode. Five minutes are set by default. And set Sleep to OFF not to shift to Sleep mode.

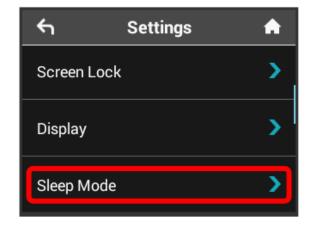
1

[Settings]



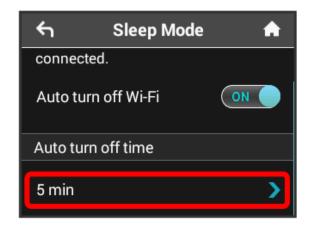
2

Sleep Mode



3

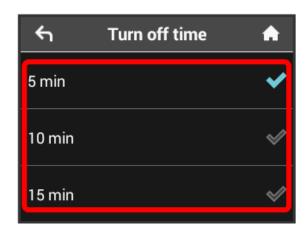
Tap auto turn off time



· When not using Sleep mode, tap ON to turn to OFF.

4

Tap desired minutes



Wi-Fi router goes into Sleep mode at set time.

Setting Wi-Fi On/Off

Switch Wi-Fi on/off. When Wi-Fi is off, only USB connection is available

1

[Settings]



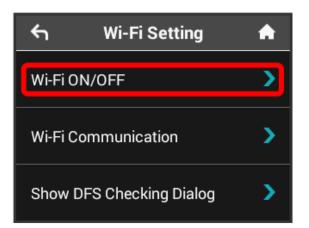
2

Wi-Fi Setting



3

Wi-Fi ON/OFF



4

In "Wi-Fi," ON



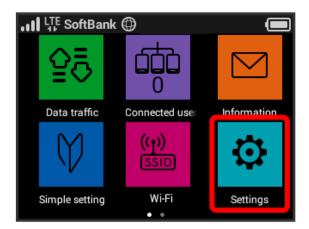
Wi-Fi" turns to OFF.

Wi-Fi Communication Standard Setting

If you are unable to connect with WLAN at the time of purchase, you may be able to do so by changing Wi-Fi communication standard setting.

1

[Settings]



2

Wi-Fi Setting



3

Wi-Fi Communication



4

Tap communication standard



Wi-Fi communication standard is set.

- · When "2.4GHz (IEEE802.11 b/g/n)" is set, Wi-Fi router cannot be used via Wi-Fi spot 5 GHz access point.
- · When "5GHz (IEEE802.11 a/n/ac)" is set, Wi-Fi spot cannot be used.

Setting DFS Checking Dialog

Switch on/off for showing DFS checking dialog.

1

[Settings]



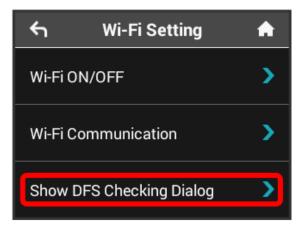
2

Wi-Fi Setting



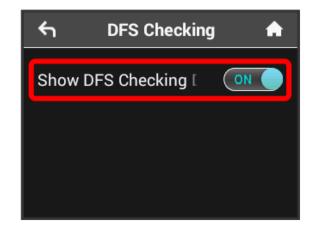
3

Show DFS Checking Dialog



4

In "Show DFS Checking Dialog," ON



"Show DFS Checking Dialog" turns to OFF, and the dialog disappears.

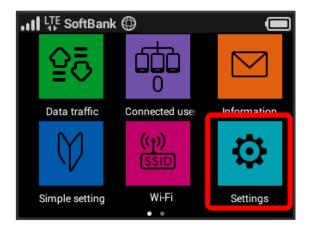
Setting USB Tethering

Change USB standard to use Wi-Fi router by USB connection.

 \cdot When USB3.0 is set for data communication, signal reception may be affected. In this case, use in a place where signal is strong.

1

Settings



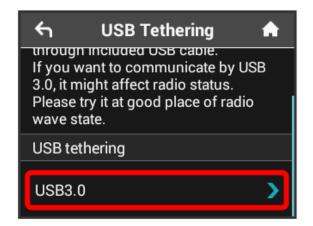
2

[USB Tethering]



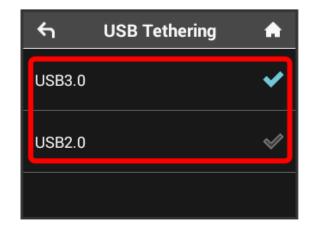
3

[USB3.0]



4

Tap desired USB communication standard



USB communication standard is set.

Setting Language

Select Japanese or English for language shown on Display.



[Settings]



2

言語設定



3

Tap desired language



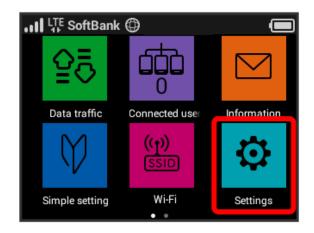
Language is set.

Setting Time

Change time (24-hour time/12-hour time) and time zone shown on Lock Screen.

1

[Settings]

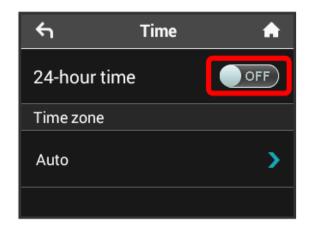


2

Time



In "24-hour time," OFF



- Time switches between 24-hour time/12-hour time.
- To change the time zone, tap Auto in "Time zone" to select the desired time zone.

Updating Software

Update software.

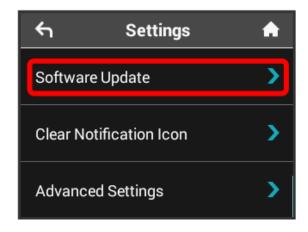


[Settings]



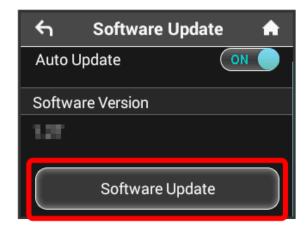
2

Software Update



3

Software Update



 $^{\circ}$ When not using automatic software update, tap $\boxed{\mbox{ON}}$ to turn to $\boxed{\mbox{OFF}}$.



Confirm message
OK



Checks for the latest software. If software update is found, update software.

· When software in use is the latest, "The latest version." appears.

Software Update

Packet communication charges are not applied for Software update.

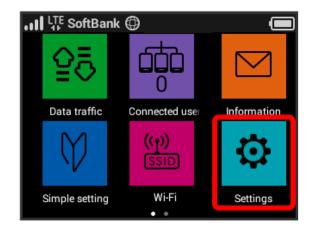
While software is updated, other functions are disabled. Software update is not available during International roaming.

Checking WEB UI

Check URL for WEB UI and Login password etc.

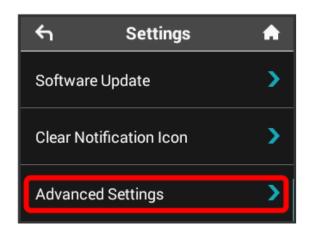


[Settings]



2

Advanced Settings



URL and QR code for WEB UI and Login password are

 \cdot Read QR code by a smartphone etc. to access WEB UI from web browser of the smartphone.

Checking Wi-Fi Router Information

Check Wi-Fi router status such as phone number and software version etc.

Checking Wi-Fi Router Information

Check information as follows.

Item	Description
Phone number	Phone number saved to USIM Card
IMEI	Serial number
Software version	Software version
Device name	Product name (602HW)
Authentication information	Various standards by which Wi-Fi router is authenticated

1

Device Info



Information is shown.

Checking Help

Check description for Status Indicators or Touch Menu Icons appearing in the top of Display.

Viewing Description for Status Indicators

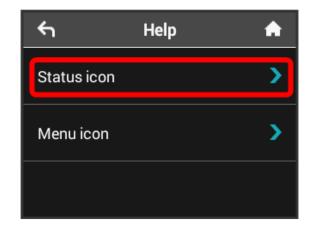
1

[Help]



2

Status icon



Description for Status Indicators appears.

Viewing Description for Touch Menu Icons

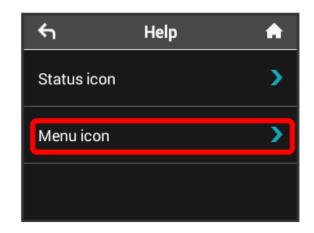


[Help]



2

[Menu icon]



Description for Touch Menu Icons appears.

Settings (Using WEB UI)

Overview of WEB UI	/ 4
WEB UI Window on PC	77
Setting LAN Wi-Fi	79
Setting Mobile Network	92
Setting Wi-Fi Spot	108
Router Setting	114
System	147
Showing/Setting Data Usage	155
Confirming Information	162
Setting Software Update	167
Setting from Mobile Device	169
Setting LAN Wi-Fi (on Mobile)	174
Setting Mobile Network (on Mobile)	184
Showing/Setting Data Usage (on Mobile)	l188
Confirming Information (on Mobile)	l 198
Checking Wi-Fi Router Information (on Mobile)	203
Checking Connected Devices	205

Overview of WEB UI

Connect Wi-Fi router to a computer or mobile device via USB Cable or WLAN. Use web browser to check Wi-Fi router information or make settings.

For web browser support, see "Operating Environment (Compatible OSs)."

Activating WEB UI on Computer

Screenshots and steps described here are for PC (Windows 10) compatible with WEB UI.



Start computer and connect Wi-Fi router via WLAN or USB $\,$

· For WLAN connection with computer, see "WLAN (Wi-Fi)," and for USB connection, see "Device Recognition (Windows)," "Device Recognition (Mac)."



Activate web browser, and enter URL (http://web.setting) in the address bar



· Select English from Language list.

Logging In to WEB UI from Computer

1

In WEB UI Home Page, Log In



- Login window opens.
- 2

Enter Login password 🗦 Log In



- Log Out appears at top right, and login is complete.
- \cdot Password is "admin" by default.
- Default Login Password

For enhancing security, it is recommended to change default Login password. To change Login password, see "Changing Login Password for WEB UI."

Cautions for Operating WEB UI

Logging In to WEB UI

Please note the following for WEB UI login.

- · While operating Wi-Fi router, Login to WEB UI is not available. Return to Lock Screen on Wi-Fi router before logging in to WEB UI.
- · Login to WEB UI from two or more devices simultaneously is not available.
- · By default, connecting to WEB UI is not available from Wi-Fi name (SSID B). To connect to WEB UI from Wi-Fi name (SSID B):

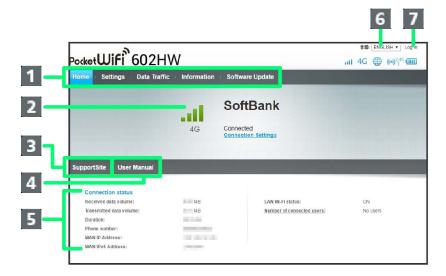
· When five minutes passes without operation on WEB UI, you are logged out automatically, and entered information is deleted.

Changing Settings via WLAN Connection

Changing Wi-Fi spot setting, LAN Wi-Fi setting on WEB UI from device connected via WLAN may disconnect WLAN connection.

WEB UI Window on PC

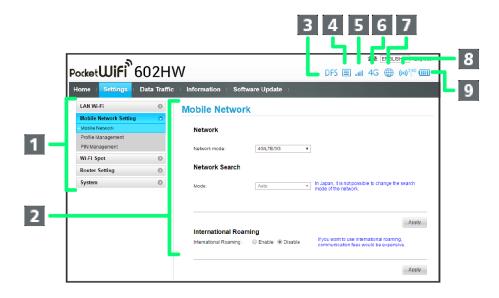
Layout



Item	Description
1 Main Menu ¹	Toggle setting menu
2 Connected network	Connected network details and signal level
3 SupportSite	Connect SoftBank website and open Support Site of 602HW
4 User Manual	Connect SoftBank website and open User Guide of 602HW
5 Connection status	Received data volume: Show accumulated received data traffic at the moment from start of connection Transmitted data volume: Show accumulated sent data traffic at the moment from start of connection Duration: Show continuous communication time at the moment from start of connection Number: Wi-Fi router phone number saved to USIM Card WAN IP Address: Wi-Fi router IP address; connect to the Internet with this IP address LAN Wi-Fi status: Show whether WLAN is ON or OFF Number of connected users: Show the current number of WLAN terminals connected to Wi-Fi router
6 Language	Switch language
7 Log In/Log Out	Log in/out to/from WEB UI

1 Input Login password when having not logged in to WEB UI.

Settings Window



Item	Description
1 Menu List	Show Submenus; click option to toggle setting page
2 Setting Page	Information/Setting for each function
3 DFS Notification	DFS : Flashes when checking whether interfering with weather radar
4 Software Update Notification	: Appears when update file is available
5 Signal Strength	Mobile Network III (Strong) ⇔ III (Weak) ⇔ IIII (Out of service area) Wi-Fi Spot ¬ (Strong) ⇔ ¬ (Weak)
6 Network Type	Mobile Network 4G: SoftBank 4G connected LTE: SoftBank LTE connected 3G: SoftBank 3G connected Wi-Fi Spot Wi-Fi Spot connected (Including SoftBank Wi-Fi spot)
7 Internet Connection Status	: Connected to Internet : Not connected to Internet
8 WLAN Status	№6 : WLAN is ON, operating at 2.4 GHz (Wi-Fi) №5 : WLAN is ON, operating at 5 GHz (Wi-Fi) Number below Wi-Fi communication standard (2.4G/5G) is current number of connected WLAN devices.
9 Battery Level	<pre>(Image High) → □ (Low)</pre> □ (Flashing): Nearly empty (charge Battery)

Setting LAN Wi-Fi

Connect to computers, smartphones, etc. via WLAN. This WLAN connection is described as "LAN Wi-Fi." WLAN devices connected to Wi-Fi router via LAN Wi-Fi access the Internet using Wi-Fi spot function of Wi-Fi router.

Note on Changing LAN Wi-Fi Settings

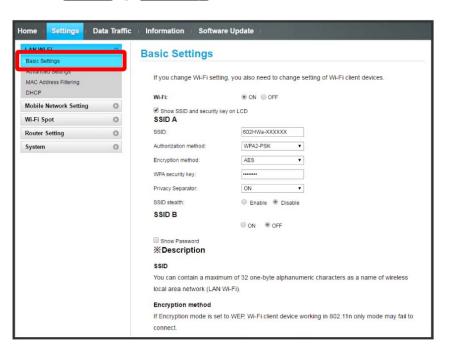
Changing LAN Wi-Fi setting on WEB UI from device connected via WLAN may disconnect WLAN connection.

LAN Wi-Fi Basic Settings (SSID A)

Make basic WLAN settings for Wi-Fi name. Setting items are as follows:

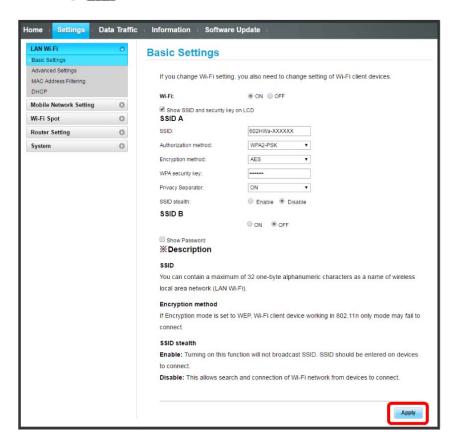
Item	Description
Show SSID and security key on LCD	Checkmark to show Wi-Fi name and password (Security Key) when Wi-Fi in Touch Menu is tapped
SSID	Set Wi-Fi name (Network Name)
Authorization method	Set authorization method
Encryption method	Set encryption method
WPA security key	Appears when "WPA2-PSK" or "WPA/WPA2-PSK" is selected in "Authorization method;" enter password (Security Key)
WEP key 1 to 4	Appears when "Auto," "Open" or "Shared key" is selected in Authorization method and Encryption method is "WEP;" enter WEP Key
Default key	Set default WEP key
Privacy Separator	Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID A)
SSID stealth	Set whether to send Wi-Fi name of Wi-Fi router

1



2

Set each item 🔵 Apply



🔀 LAN Wi-Fi basic settings for Wi-Fi name (SSID A) are made.

Enabling Multi-SSID Function (SSID B)

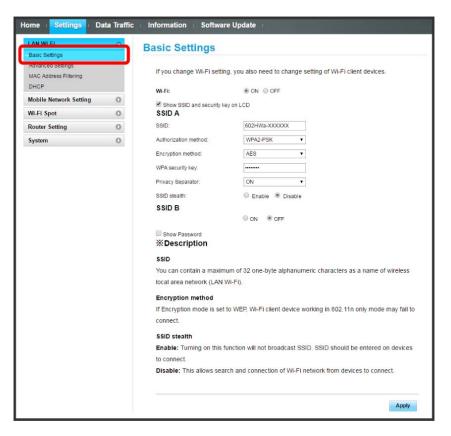
Make basic WLAN settings for Wi-Fi name (SSID B).

- · To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- · When Multi-SSID is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.
- · When Multi-SSID is enabled, communication speed may decrease depending on number of WLAN devices connected.

Setting items are as follows:

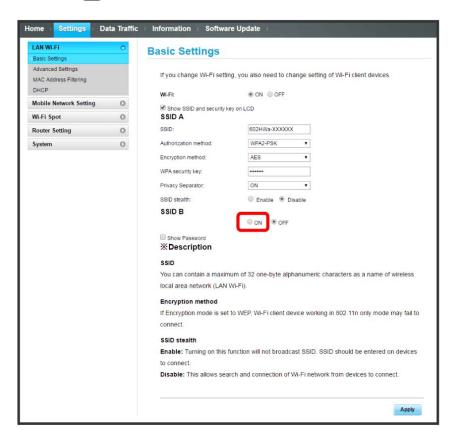
Item	Description
Allowed SSIDB access WEB UI	Set whether WEB UI can be accessed from WLAN device connected to Wi-Fi name (SSID B)
SSID	Set Wi-Fi name (SSID A) (Network Name)
Authorization method	Set authorization method
Encryption method	Set encryption method
WEP key 1 to 4	Appears when "Auto," "Open" or "Shared key" is selected in Authorization method and Encryption method is "WEP;" enter WEP key
Default key	Set default WEP key
Privacy Separator	Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID B)
SSID stealth	Set whether to send Wi-Fi name of Wi-Fi router

1



2

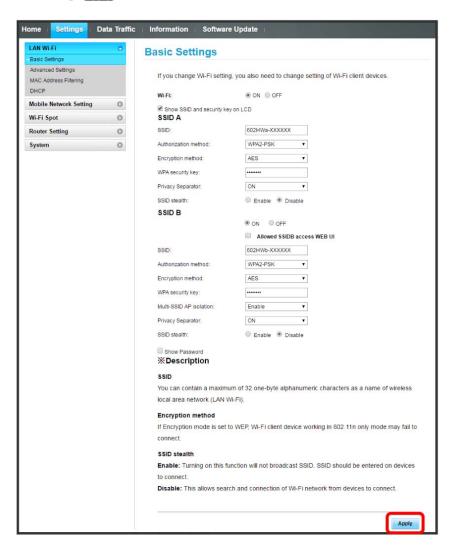
Turn "SSID B" to ON



· Information screen appears when clicking ON of "SSID B" with Wi-Fi spot enabled. Click OK to disable Wi-Fi spot function automatically.

Set each item

Apply



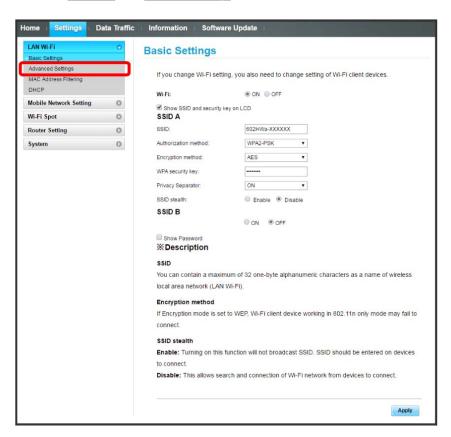
🔀 LAN Wi-Fi basic settings for Wi-Fi name (SSID B) are made.

LAN Wi-Fi Advanced Settings

Setting items are as follows:

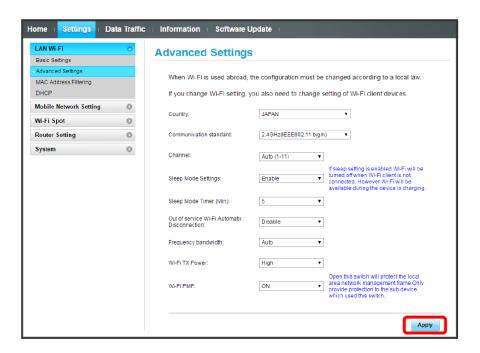
Item	Description
Country	Set country where you use WLAN
Communication standard	Set WLAN communication standard
Channel	Set WLAN channel; only Auto is selected when Wi-Fi spot is enabled
Sleep Mode Settings	Set whether to disable WLAN function automatically when Wi-Fi router does not connect to WLAN devices; WLAN function is not turned off while charging even if Sleep Mode Settings is "Enable"
Sleep Mode Timer (Min)	Set auto-timeout time for WLAN function when Sleep Mode Settings is "Enable"
Out of service Wi-Fi Automatic Disconnection	Set whether to automatically disconnect communication with WLAN device out of network area
Frequency bandwidth	Set WLAN channel frequency band width; select 20 MHz or Auto (automatic setting) for frequency band width to use
Wi-Fi TX Power	Set Wi-Fi transmission power. When the setting is changed, Wi-Fi communication range changes by 10m
Wi-Fi PMF	Set the protection function for WLAN management frame (PMF)





Set each item

Apply



IAN Wi-Fi advanced settings are made.

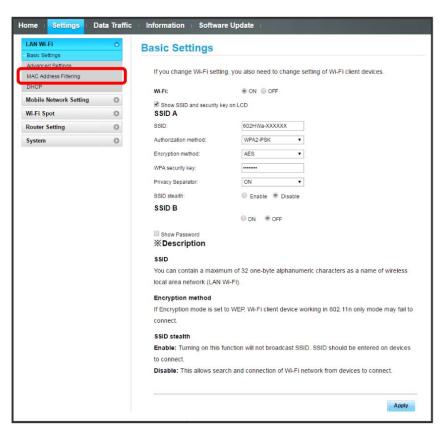
MAC Address Filtering

Save MAC addresses of WLAN devices and set WLAN connection permission to enhance security.

· When Multi-SSID (SSID B) is enabled, MAC Address Filtering is set in Wi-Fi name (SSID B).

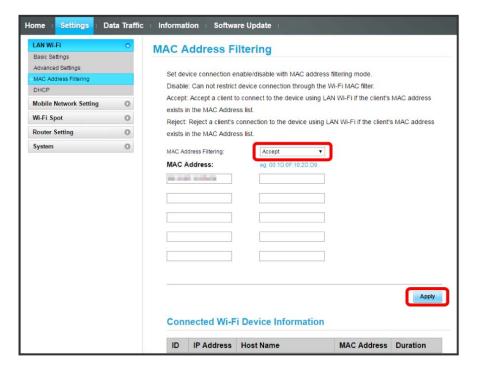












· When deleting or editing entered MAC addresses, Click Apply as well.



OK)



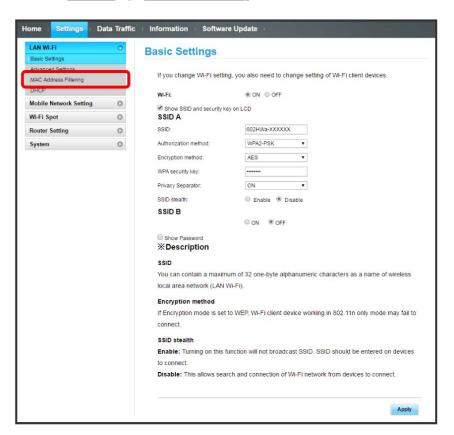
MAC Address Filtering is set.

Canceling MAC Address Filtering

Set MAC addresses are deleted and MAC Address Filtering is canceled.

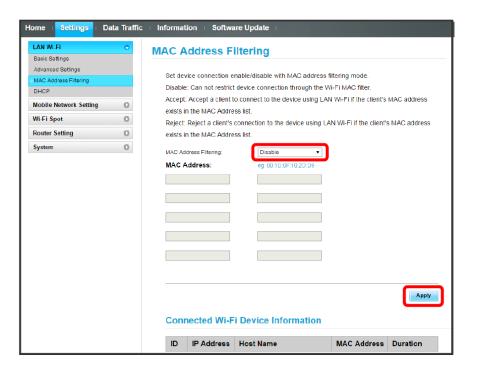


In Menu List, [LAN Wi-Fi] (MAC Address Filtering)



2

In "MAC Address Filtering," Disable Apply









MAC Address Filtering is canceled.

DHCP

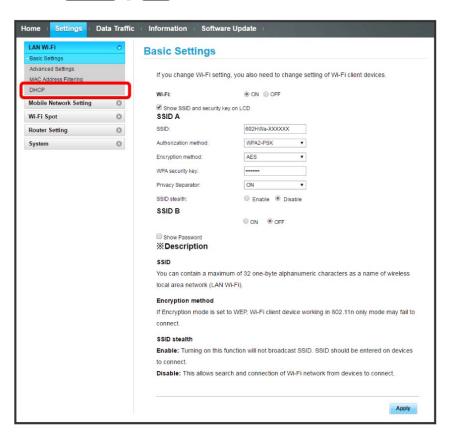
Assign IP addresses to devices inside LAN.

Setting items are as follows:

Item	Description
IP address	Set Wi-Fi router private address
Subnet mask	Set subnet mask
DHCP server	Set whether to use DHCP function
Start IP address	Set lowest IP address to be assigned to WLAN devices
End IP address	Set highest IP address to be assigned to WLAN devices
DHCP lease time (s)	Set IP address lease time

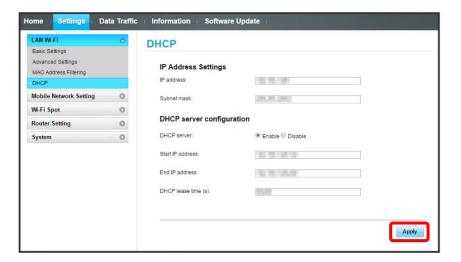


In Menu List, [LAN Wi-Fi] (DHCP)



Set each item

Apply



MCP is set.

Setting Mobile Network

Make advanced settings when using 4G/LTE/3G network.

Setting Network Mode

Set preferred Network mode.

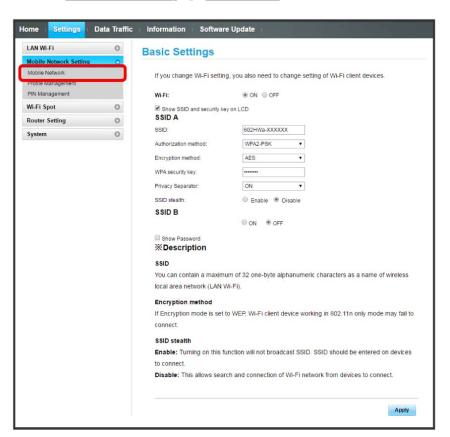
· "4G/LTE/3G" is set by default.



In Menu List, Mobile Network Setting

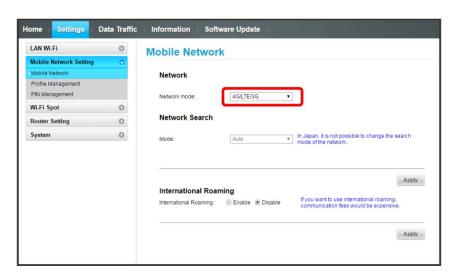
Mobile Network

Mobile Network

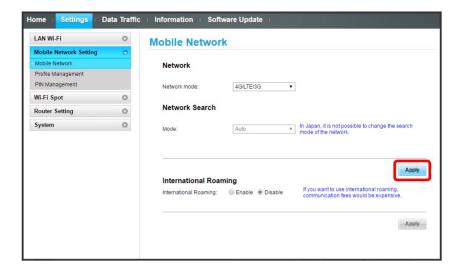


2

In "Network mode," 4G/LTE/3G / 4G/LTE



(Apply)



Network mode is set.

Setting Network Search

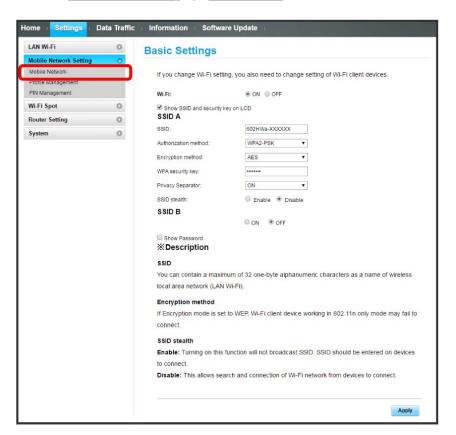
Search for and set mobile network during international roaming. In Japan, always use auto-mode. Settings are not changed.



In Menu List, Mobile Network Setting

Mobile Network

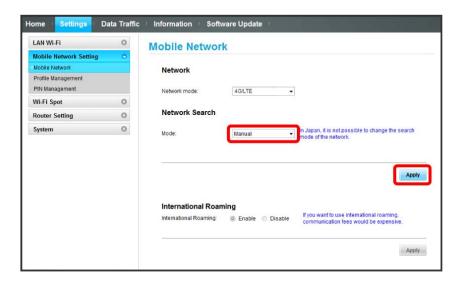
Mobile Network



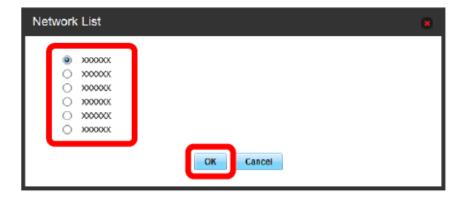
2

In network search mode, Manual

Apply



Select the network \bigcirc OK

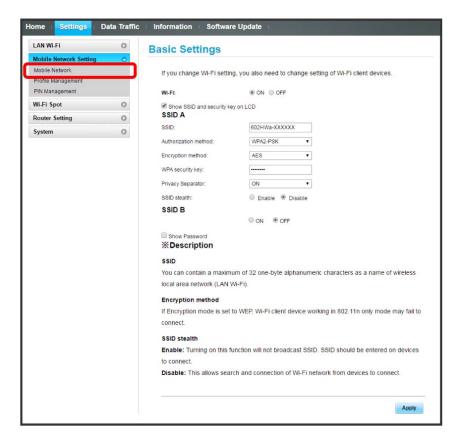


Network search is set.

International Roaming



In Menu List, Mobile Network Setting → Mobile Network

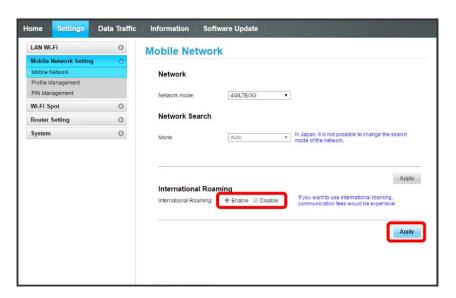


2

Change International roaming

Apply





International roaming setting is changed.

· When turning Disable to Enable , information screen appears. Click OK to change international roaming setting.

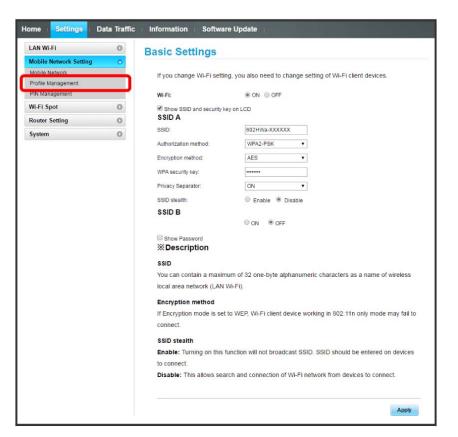
Creating Profile

Set the following items and create profile.

Item	Description
Profile name	Enter profile name
APN	Enter APN
User name	Enter username
Password	Enter password
Authorization method	Select authorization method

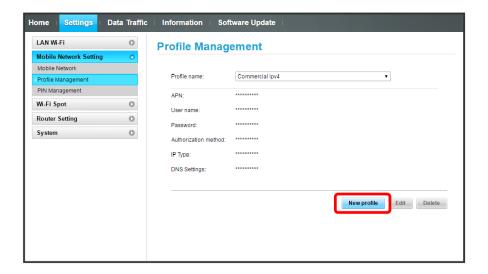


In Menu List, Mobile Network Setting → Profile Management



2

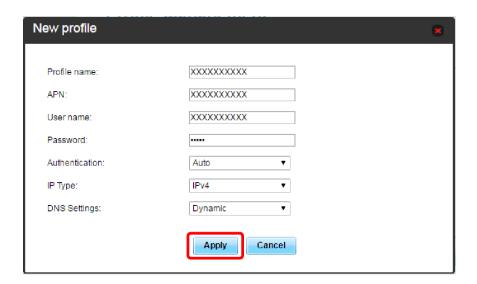
New profile



3

Set each item

Apply



Created profile appears for profile name.

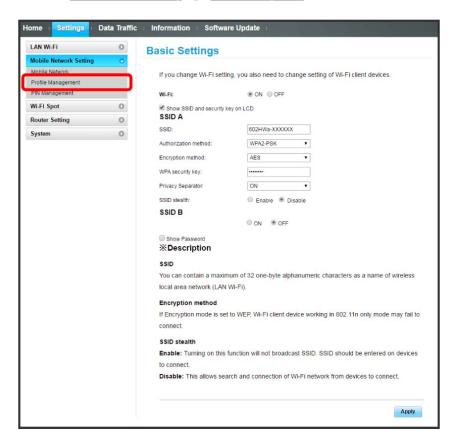
Editing Profile

Edit already saved profile.

Initial profile set by default and currently used profile cannot be edited.

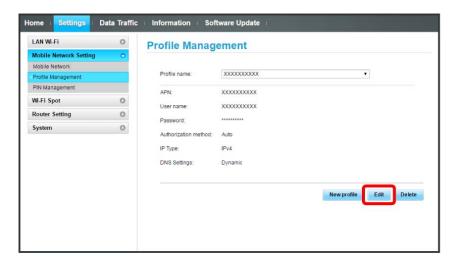
1

In Menu List, Mobile Network Setting Profile Management



2

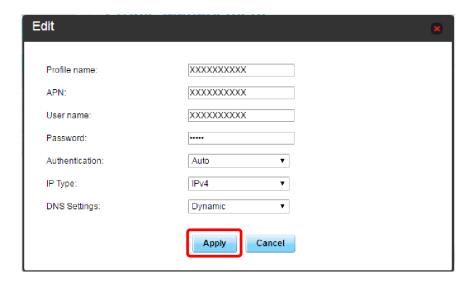
Select profile name 🗦 Edit





Enter each item

Apply



Edited information appears.

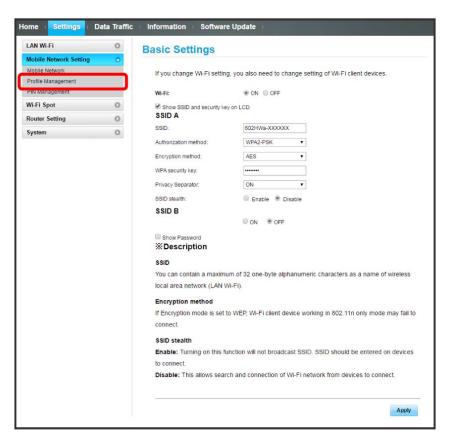
Deleting Profile

Delete created profiles.

Preset profiles are not deleted.

1

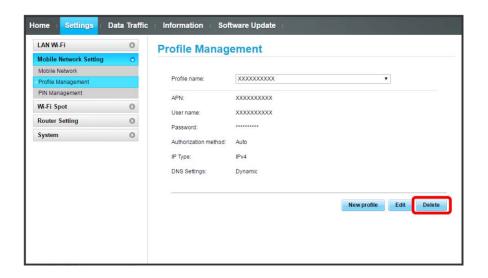
In Menu List, Mobile Network Setting
Profile Management



2

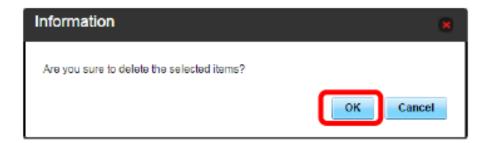
Select profile name

Delete









Profile is deleted.

USIM PIN

PIN (Personal Identification Number) is a code to prevent unauthorized use.

- · Set PIN verification to Enable to use Wi-Fi router by PIN entry on Wi-Fi router or WEB UI when Wi-Fi router is powered on.
- · Incorrectly entering PIN code three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact Customer Service, General Information. Incorrectly entering PUK Code ten consecutive times locks Wi-Fi router completely. If Wi-Fi router is completely locked, Wi-Fi router must be serviced. Contact Customer Service, General Information.

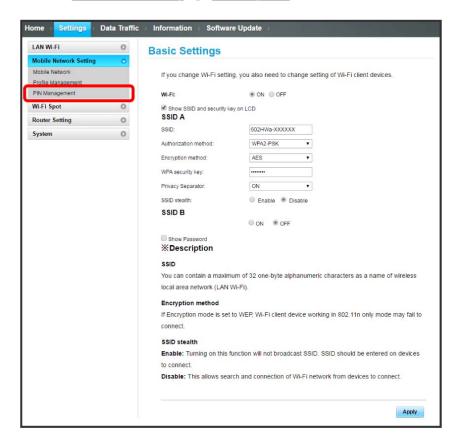
PIN Verification

Set PIN Verification.
USIM PIN is "9999" by default.

1

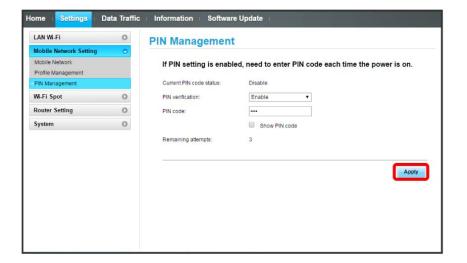
In Menu List, Mobile Network Setting

PIN Management



2

Set "PIN verification" to Enable → Enter PIN code → Apply



PIN code entry from Wi-Fi router or WEB UI is required when Wi-Fi router is powered on.

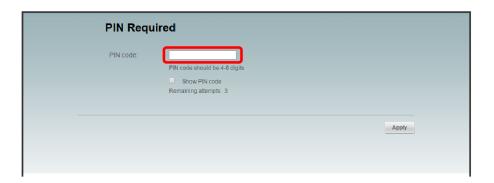
PIN Verification (WEB UI)



Activate web browser and enter "http://web.setting" in address bar



Enter four- to eight-digit PIN code



3

[Apply]

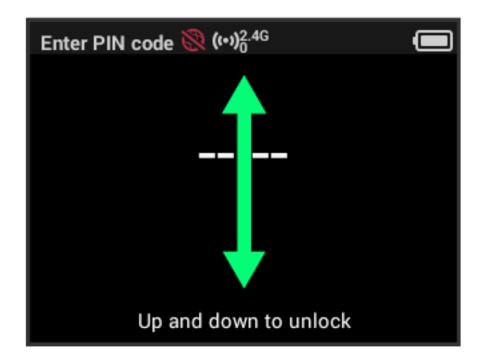


When correct PIN is entered, Home Page appears.

PIN Verification (Wi-Fi Router)

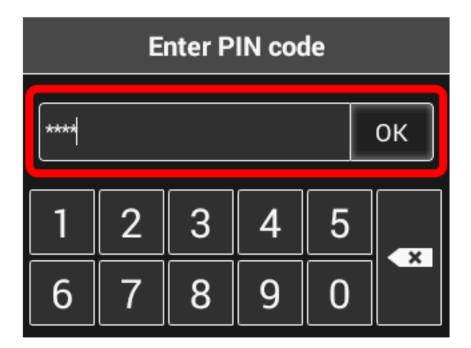
1

Slide Display up or down to unlock



2

Enter four- to eight-digit PIN \bigcirc OK



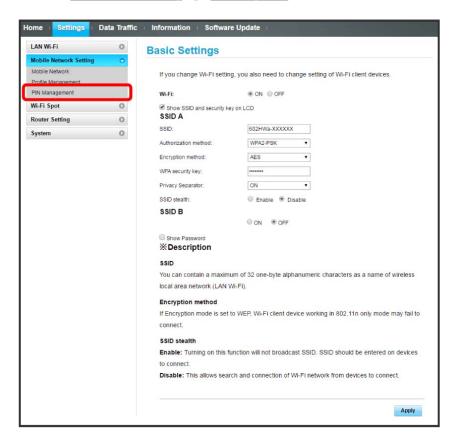
When correct PIN is entered, Home Screen appears.

Changing PIN

Change the PIN to any four- to eight-digit number if required.

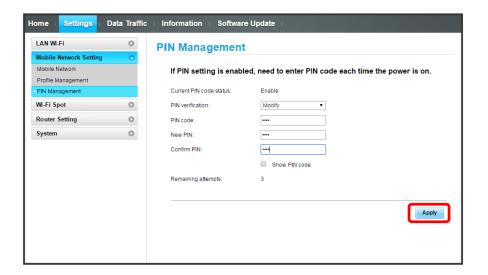


In Menu List, [Mobile Network Setting] > PIN Management



2

Set "PIN verification" to Modify > Set required items > Apply



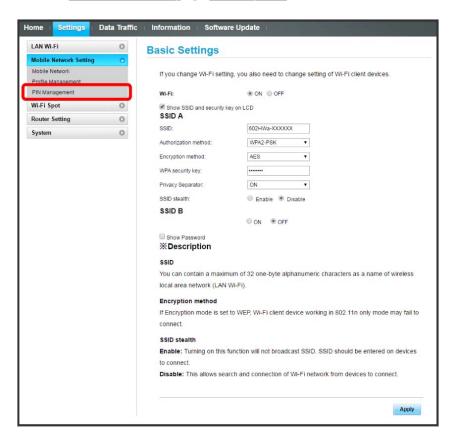
PIN is modified.

Canceling PIN Verification

Disable PIN verification.

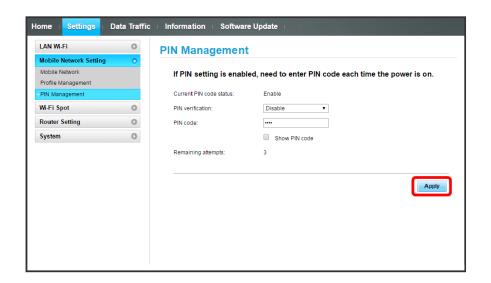
1

In Menu List, Mobile Network Setting → PIN Management



2

Set "PIN verification" to Disable → Enter PIN code → Apply



PIN verification is canceled.

Setting Wi-Fi Spot

Wi-Fi router connects to the Internet via a household or office WLAN router, SoftBank Wi-Fi spot, etc. This internet connection is called "Wi-Fi Spot."

Simultaneous use of Wi-Fi spot and Multi-SSID (SSID B) is not available.

Connecting to a New Network via Wi-Fi Spot



Note on Changing Wi-Fi Spot Settings

Changing Wi-Fi spot setting on WEB UI from device connected via WLAN may disconnect WLAN connection.

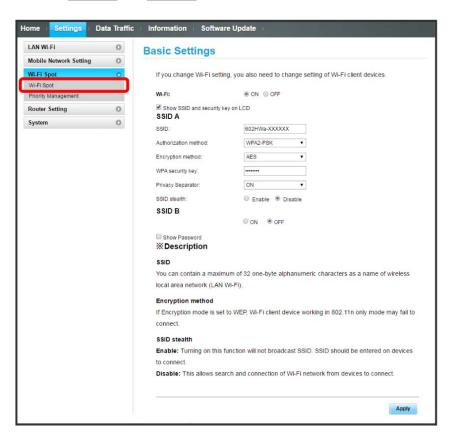
Wi-Fi Spot Settings

Enable Wi-Fi spot to connect to the Internet via Wi-Fi using WLAN router at home or office or public WLAN service.

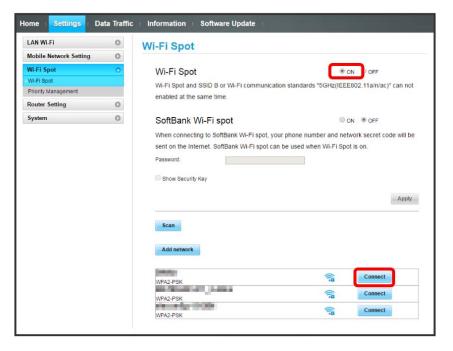
· When Wi-Fi spot function is enabled, communication speed may decrease depending on number of WLAN devices connected.

1

In Menu List, Wi-Fi Spot → Wi-Fi Spot



Turn "Wi-Fi Spot" to ON → In access point to connect, Connect

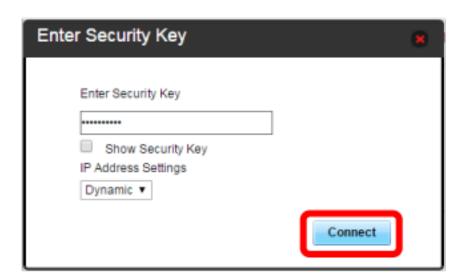


- · Click Scan to re-scan surrounding Wi-Fi spot access points.
- · When ON of "Wi-Fi Spot" is clicked with Multi-SSID (SSID B) enabled, information screen appears. Click OK to disable Multi-SSID automatically.

3

Enter password (Security Key)

Connect



Connection is established and "Connected" appears below selected access point Wi-Fi name.

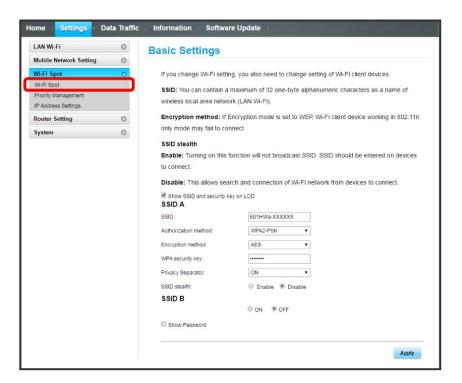
Setting Up SoftBank Wi-Fi Spot

Turning on SoftBank Wi-Fi Spot automatically connects when entering a SoftBank Wi-Fi Spot service area.

· SoftBank Wi-Fi Spot password is a four-digit security code set at subscription.



In Menu List, Wi-Fi Spot → Wi-Fi Spot



2

Confirm that "Wi-Fi Spot" is set to ON \Rightarrow Turn "SoftBank Wi-Fi spot" to ON



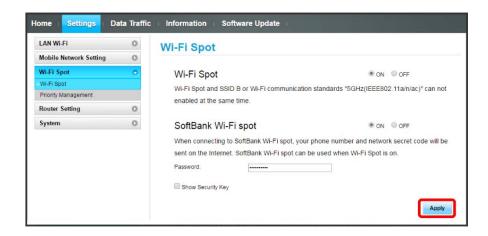
· When ON of "Wi-Fi Spot" is clicked with Multi-SSID (SSID B) enabled, information screen appears. Click OK to disable Multi-SSID automatically.

Enter SoftBank Wi-Fi spot password



4

Apply



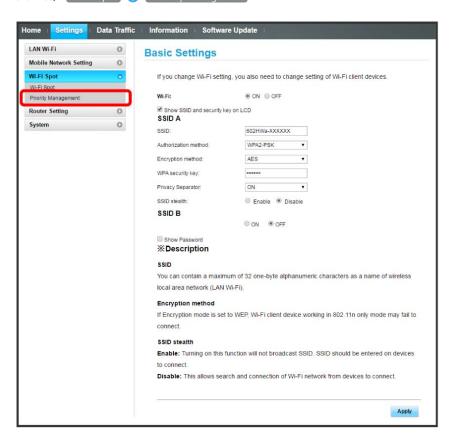
SoftBank Wi-Fi Spot setup is complete.

Preferred Access Point

Set a preference order for APNs and set a preferred APN.

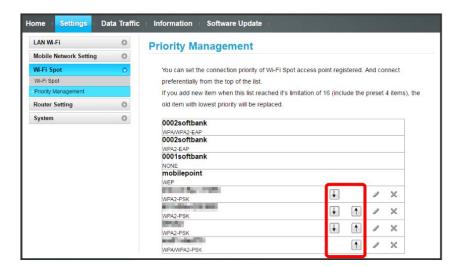


In Menu List, (Wi-Fi Spot) → (Priority Management)



2

↑ / • for access point



- Access point name moves up or down with each click of f / f and preference is set.
- · To edit access point, / Edit set content Oclick Apply.
- · To delete access point, $\mathbb{X} \ominus$ Click $\bigcirc \mathbb{K}$.

Four SoftBank Wi-Fi Spot access points are pre-set. Priority of those four access points cannot be changed or deleted.

Router Setting

Set router function such as Firewall and IP address filter.

Firewall Switch

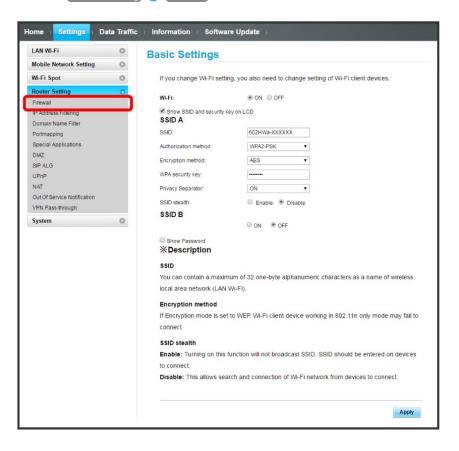
Set Firewall function.

Setting items are as follows:

Item	Description
IP address filtering	Set whether to use IP address filter function
Domain name filter	Set whether to enable domain name filter

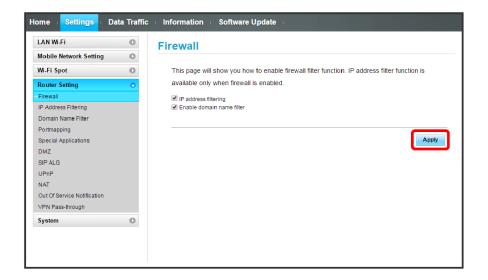


In Menu List, Router Setting → Firewall



Set each item

Apply



Firewall is set.

Setting IP Address and Port Filtering

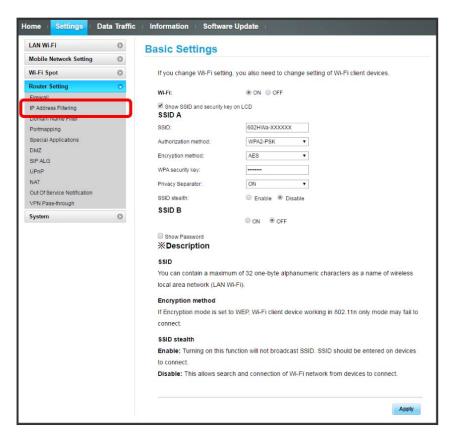
Set whether to apply rules and allow transmissions from Internet through Firewall, based on sender/receiver addresses. Setting items are as follows:

Item	Description
LAN IP Address	Set source IP address to apply rules; specify IP address from IP addresses used on LAN
LAN Port	Set source port number to apply rules
WAN IP Address	Set destination IP address to apply rules
WAN Port	Set destination port number to apply rules
Protocol	Select protocol to apply rules
IP Type	Set IP type to apply rules
Status	Set whether to apply rules
Options	Save or delete rules



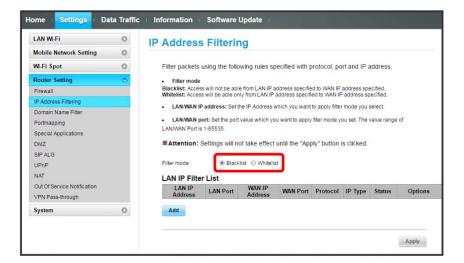
In Menu List, Router Setting

(IP Address Filtering)



· If a message asking to enable IP Address Filtering in Firewall setting appears, see "Firewall Switch" and checkmark "IP address filtering" from Firewall then retry.

In "Filter mode," Blacklist / Whitelist



3

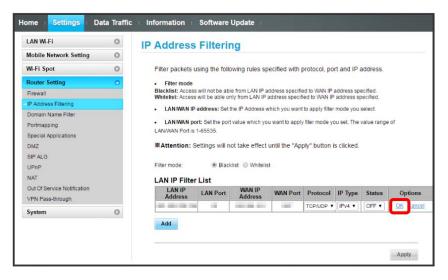
[Add]





Enter each item

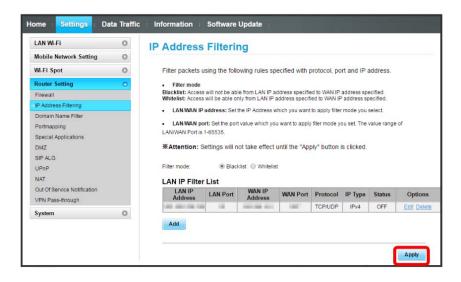
OK



- · To set IPv6 addresses, enter a prefix at the end of the IP address.
- Turn Status to ON to filter set IP addresses and reject connection.
- Turn Status to OFF not to filter set IP addresses and permit connection. Use for temporarily deactivating filtering. Filtering is not canceled.



[Apply]

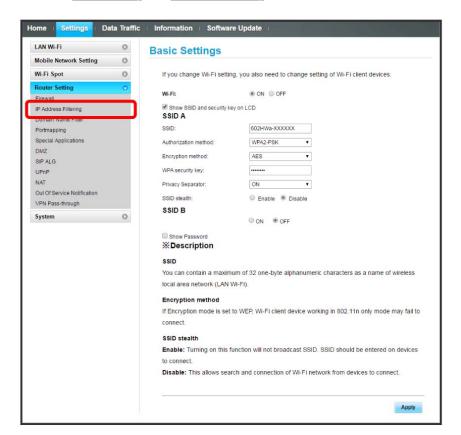


IP address filtering is set.

Canceling IP Address and Port Filtering

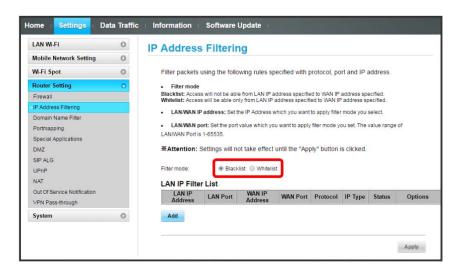
1

In Menu List, Router Setting → [IP Address Filtering]



2

In "Filter mode," Blacklist / Whitelist





Delete



4





5

Apply

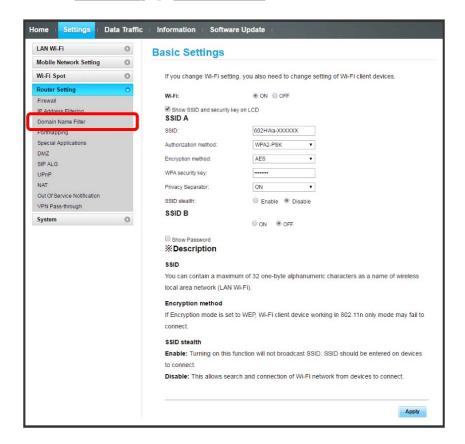


Setting Domain Name Filter

Set Domain Name Filters to restrict computers in the local area network from accessing certain websites.

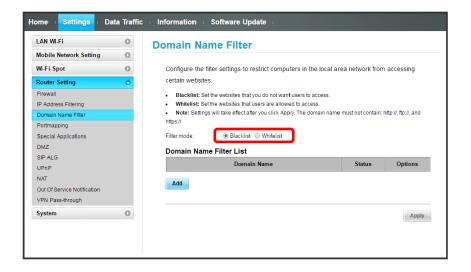
1

In Menu List, Router Setting Domain Name Filter



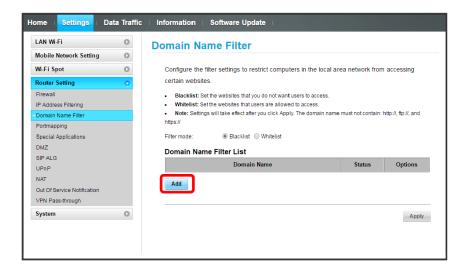
2

In "Filter mode," Blacklist / Whitelist





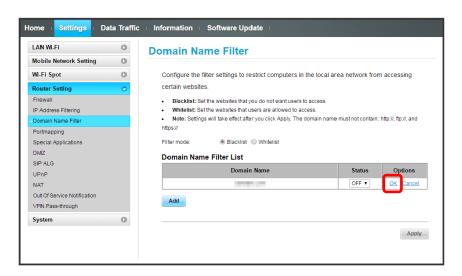




4

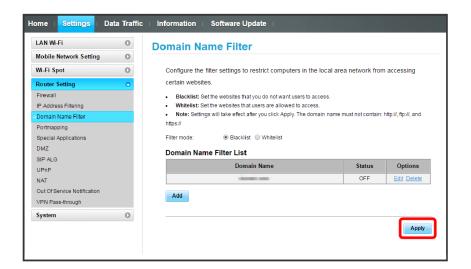
Enter each item

OK



- · Turn Status to ON to filter set domain names reject connection.
- Turn Status to OFF not to filter set domain names and permit connection. Use for temporarily deactivating filtering. Filtering is not canceled.

(Apply)

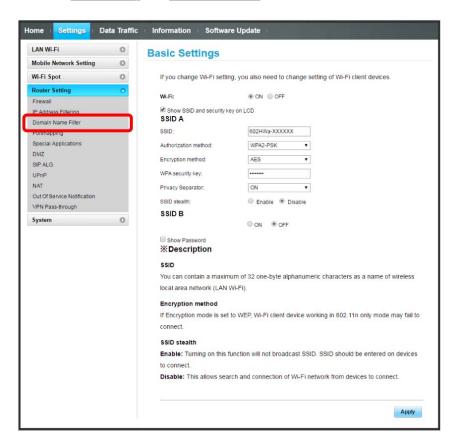


Domain Name Filter is set.

Canceling Domain Name Filter

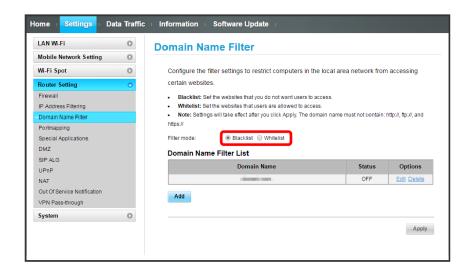


In Menu List, (Router Setting) → Domain Name Filter

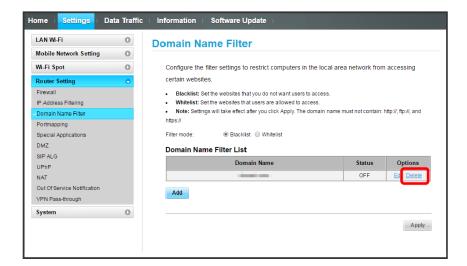


2

In "Filter mode," Blacklist / Whitelist



Delete



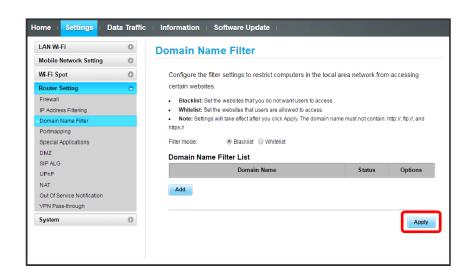
4





5

Apply









Domain name filtering settings are canceled.

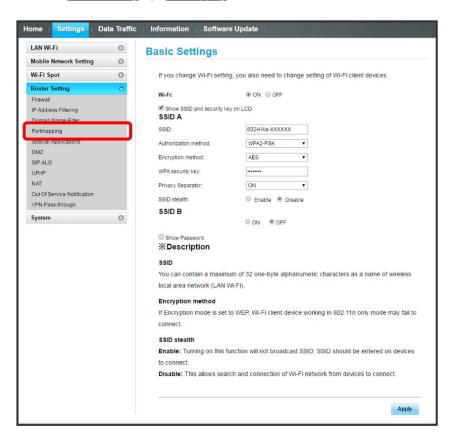
Setting Portmapping

Set a virtual server for accessing a specified device inside LAN via the Internet. Setting items are as follows:

Item	Description
Name	Name of virtual server
WAN Port	Set source port number
LAN IP Address	Set IP address for device inside LAN to make available as a server; specify IP address from IP addresses used on LAN
LAN Port	Set destination port number for device inside LAN to make available as a server when transmitting packets
Protocol	Select protocol to apply rules
Status	Set whether to apply rules
Options	Save or delete rules

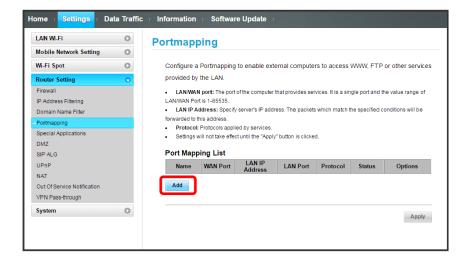


In Menu List, Router Setting → Portmapping





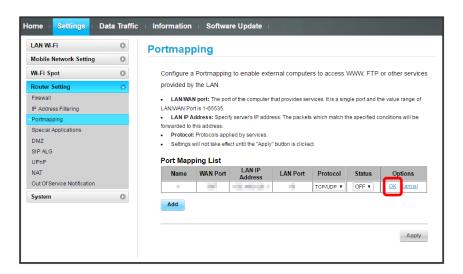






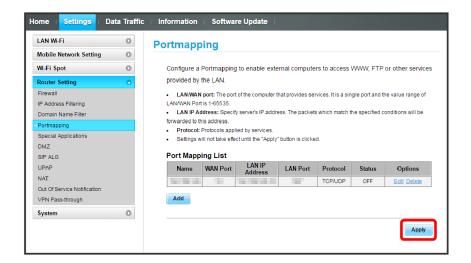
Enter each item

OK



- · Turn Status to ON to activate portmapping.
- · Turn Status to OFF to deactivate portmapping. Use for temporarily deactivating mapping. Mapping is not canceled.

(Apply)

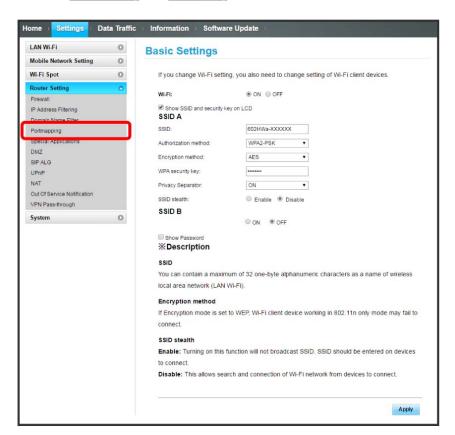


Portmapping is set.

Canceling Portmapping

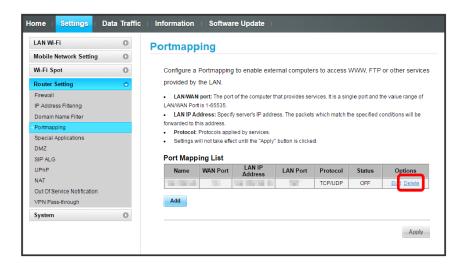


In Menu List, Router Setting → Portmapping



2

Delete

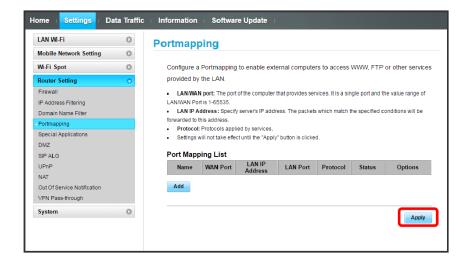






4

(Apply)



Portmapping settings are canceled.

Setting Special Applications

Enable to use special applications such as online games and video phone system. Setting items are as follows:

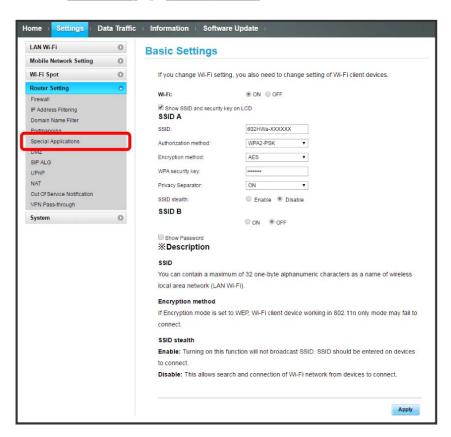
Item	Description
Name	Name applications
Status	Set whether to apply rules
Trigger Port	Set port number for data control
Trigger Protocol	Select protocol for data control
Open protocol	Select protocol for data transfer
Open port	Set port number for data transfer
Options	Save or delete rules

· Refer to application user guide.

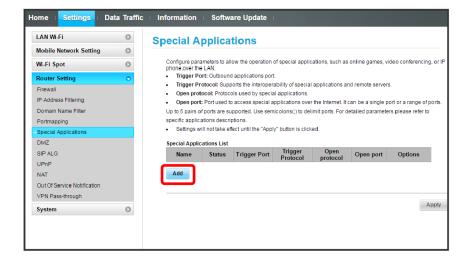


In Menu List, Router Setting

Special Applications



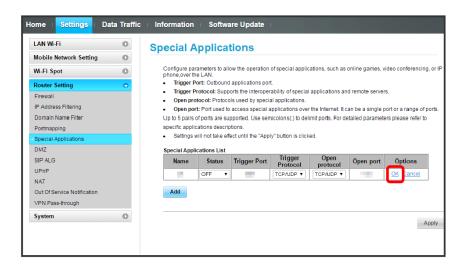




3

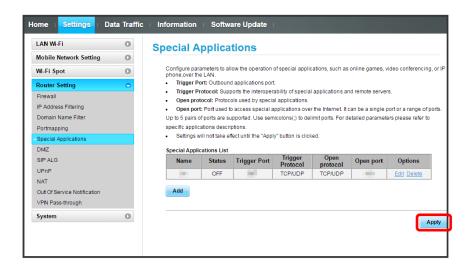
Enter each item

OK





Apply



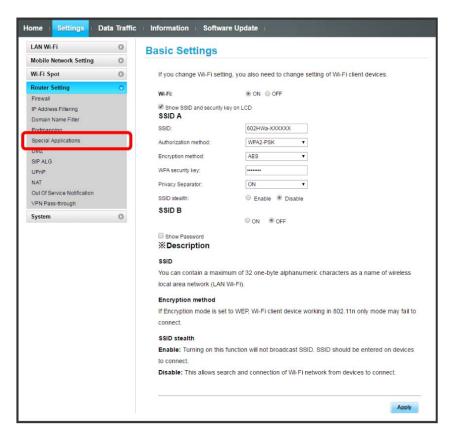
Special application settings are added.

Canceling Special Applications

1

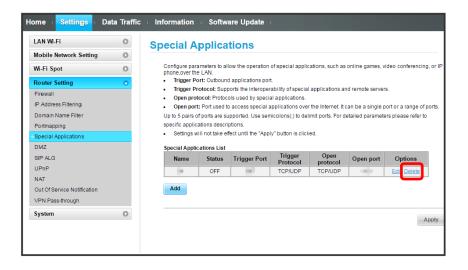
In Menu List, Router Setting

Special Applications



2

Delete



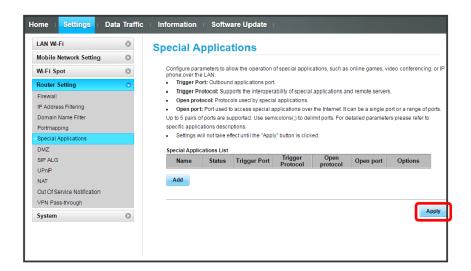






4

[Apply]



Special application settings are canceled.

DMZ

Set specified device inside LAN as DMZ host isolated from other devices. Setting items are as follows:

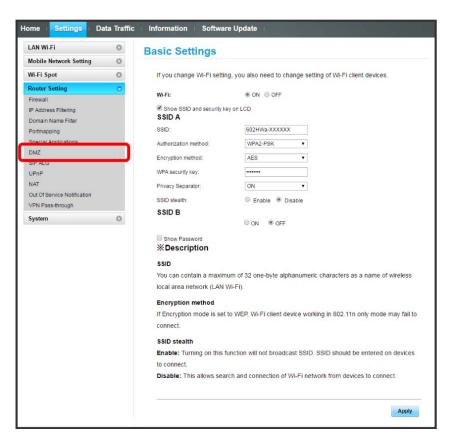
 Item
 Description

 DMZ
 Select whether to set DMZ host

 DMZ IP address
 Set IP address for DMZ host



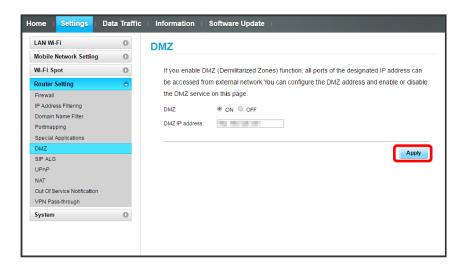
In Menu List, Router Setting → DMZ





Set each item

Apply



MZ host settings are applied.

SIP ALG

Set when using an SIP application to use Internet telephone, etc. Setting items are as follows:

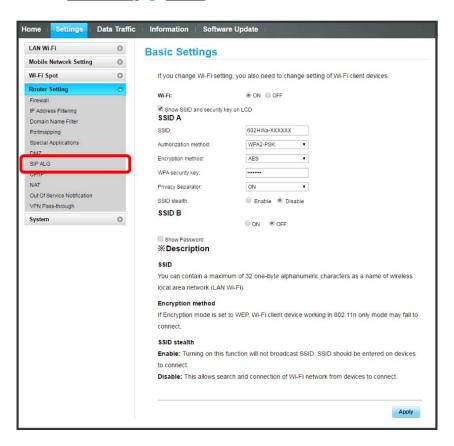
Item	Description
SIP ALG ¹	Select whether to enable SIP ALG function
SIP port	Enter port number provided by SIP service provider

- 1 SIP ALG is to be enabled when using SIP applications (e.g. X-Lite, Yate, Sipdroid, etc.) on a WLAN device connected to Wi-Fi router. If normal calling is not available with the SIP application, uncheck "SIP ALG" (Checkmark "SIP ALG" (Chec
- · Refer to application user guide.



In Menu List, Router Setting

SIP ALG



Set each item

Apply



SIP ALG settings are applied.

UPnP

Set UPnP for using UPnP-compatible peripheral devices, audio visual devices, appliances and UPnP-compatible applications such as messenger software.

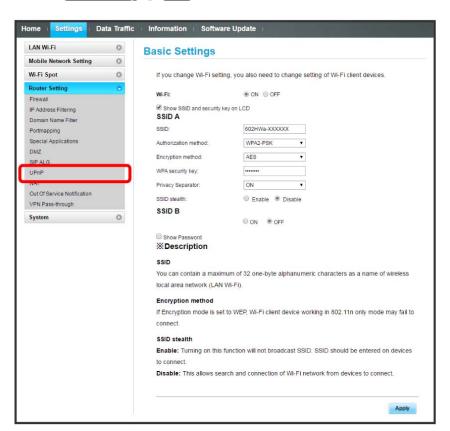
Setting items are as follows:



1

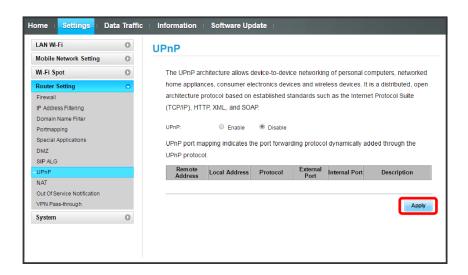
In Menu List, Router Setting

→ UPnP









UPnP settings are applied.

NAT

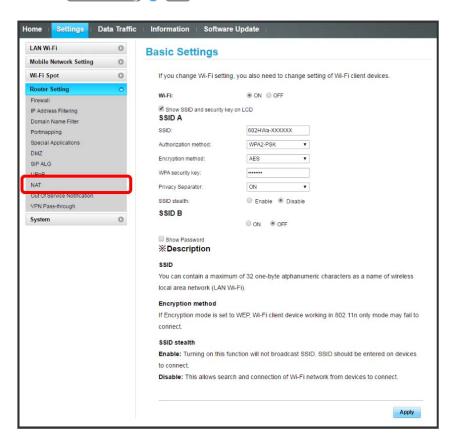
Convert private IP address used inside LAN to global IP address for connecting to the Internet. Setting items are as follows:

Item	Description
Cone	Low security but normal operation of application; high compatibility with applications, gaming device etc.
Symmetric	Used for higher security gateway
Tcp Nat Time(s)	Set how long to maintain a session when there is no transmission after a TCP session is established; enter a value from 300 to 43200
Udp Nat Time(s)	Set how long to maintain management of the UDP state when there is not transmission; enter a value from 120 to 3600



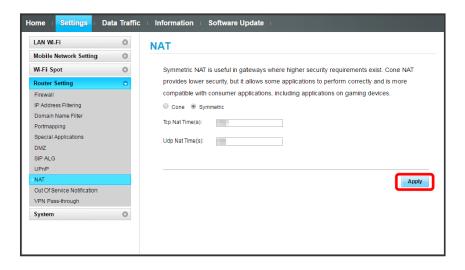
In Menu List, Router Setting

NAT









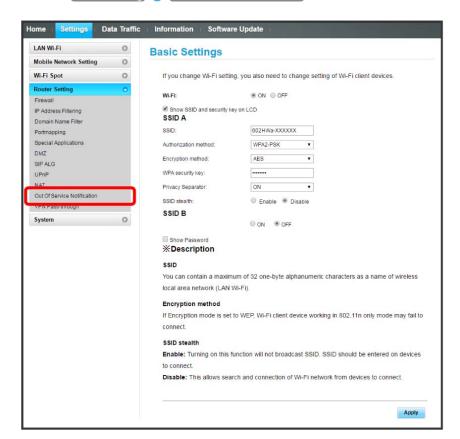
MAT settings are applied.

Out of Service Notification

Set whether to show notification when Wi-Fi router is out of network service area on the browser of a terminal accessing the Internet via Wi-Fi router.

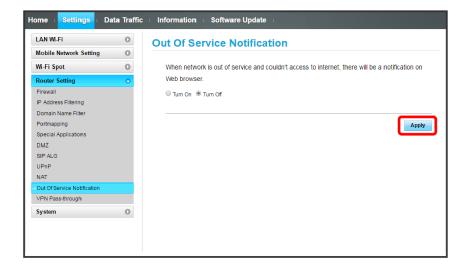
1

In Menu List, Router Setting
Out Of Service Notification



2

Turn On / Turn Off 🗦 Apply



Out of service notification setting is applied.

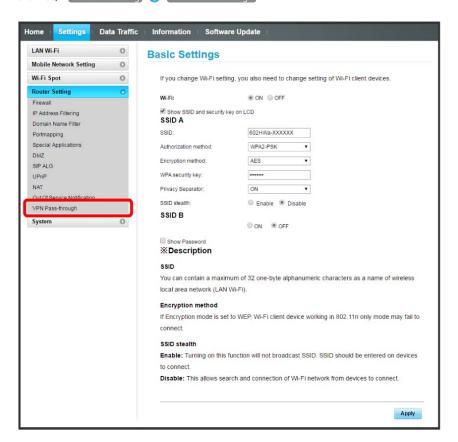
Setting VPN Pass-through

Enable VPN pass-through tunnels between devices inside LAN and external VPN clients.

1

In Menu List, Router Setting

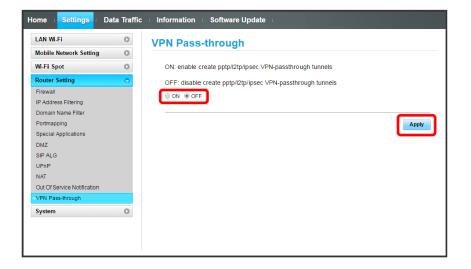
VPN Pass-through



2







VPN pass-through setting is applied.

System

Check Wi-Fi router device information and change login password for WEB UI. Also reset and reboot Wi-Fi router.

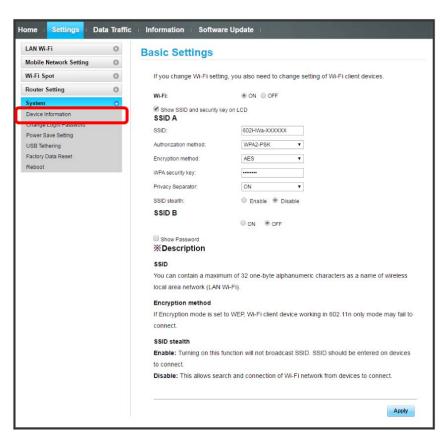
Checking Wi-Fi Router Information

Check device information such as software version.

Item	Description
Device name	Product name (602HW)
IMEI	Serial number
Number	Phone number saved to USIM Card
Hardware version	Hardware version
Software version	Current software version
Firmware version	Current firmware version
WEB UI version	Current WEB UI version
WAN IP Address	Wi-Fi router IP address; connect to the Internet with this IP address
WAN IPv6 Address	Wi-Fi router IPv6 address

1

In Menu List, System → Device Information



Check information.

Changing Login Password for WEB UI

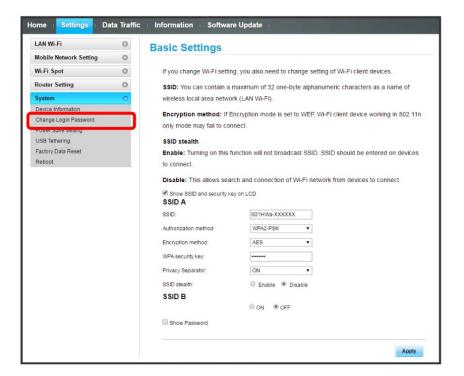
Change Login password.

- \cdot For enhancing security, it is recommended to change Login password regularly.
- \cdot Set safer Login password when setting a new one.



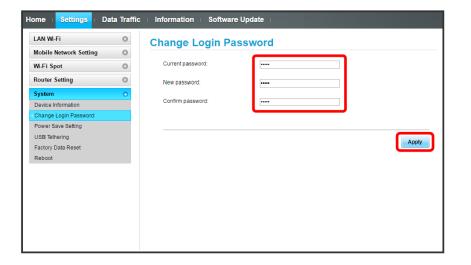
In Menu List, System

Change Login Password



2

Enter current password 🗦 Enter a new password 🗦 Re-enter the new password 🗦 Apply



New password is set and WEB UI Home Page appears.

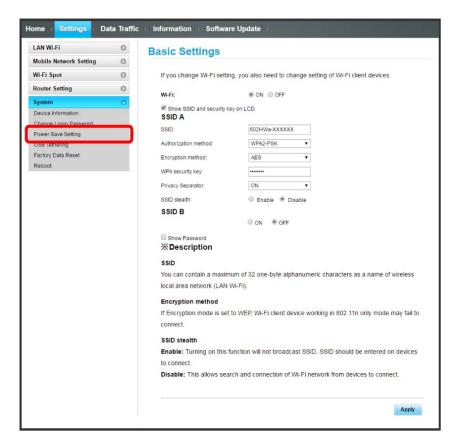
Setting Power Save

Set Power Save Setting to ON to save power consumption during use for longer usage time.

The maximum communication speed of mobile network and WLAN is reduced to save power consumption.

1

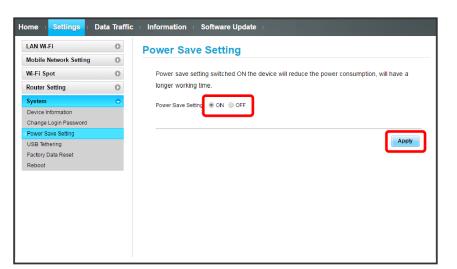
In Menu List, System → Power Save Setting



2







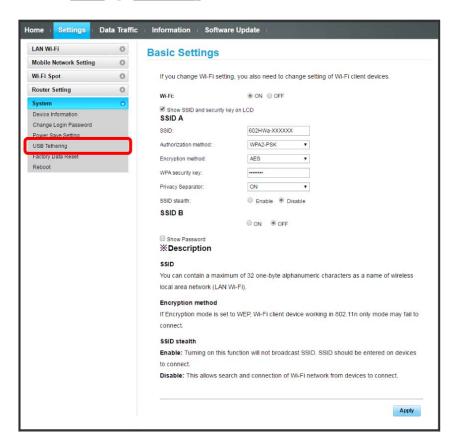
Power save setting is made.

Setting USB Tethering

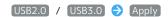
Set USB standard.

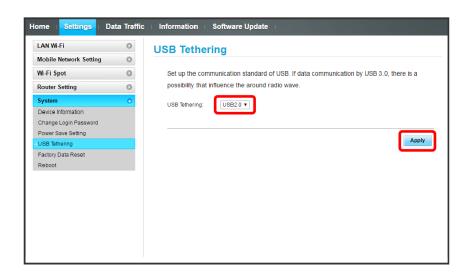


In Menu List, System → USB Tethering



2





USB communication standard is set.

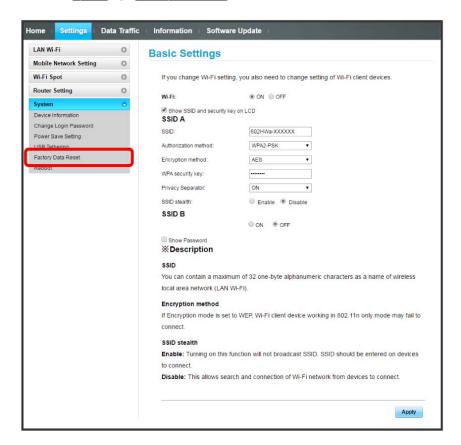
Resetting Wi-Fi Router

Restore Wi-Fi router settings to their factory defaults.

- · All settings are restored except contents in USIM Card.
- · Alternatively, use Reset Button of Wi-Fi router. See description of Reset Button in "Front/Top/Bottom."

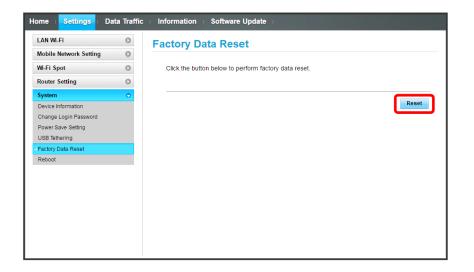
1

In Menu List, System → Factory Data Reset



2

Reset







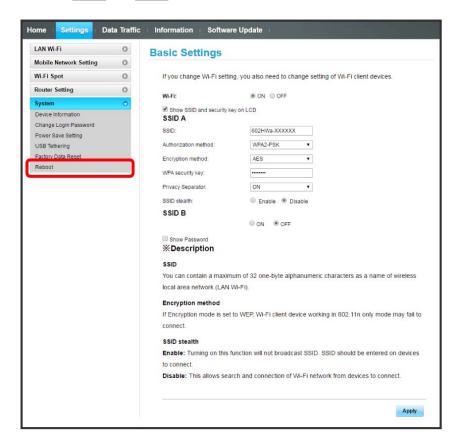


Wi-Fi router reboots to its default settings.

Rebooting Wi-Fi Router

1

In Menu List, System → Reboot



2

Reboot









Wi-Fi router is rebooted.

Showing/Setting Data Usage

Check data traffic volume. Also, set maximum traffic or reset date for data traffic.

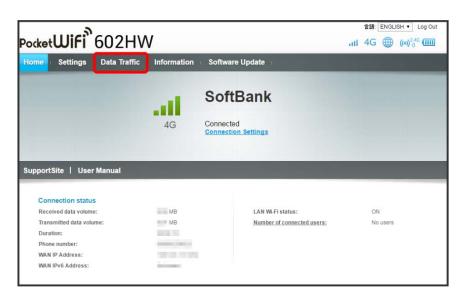
Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact SoftBank Customer Support. Data traffic does not include Wi-Fi spot communication.

Checking Data Traffic Volume

Accumulated data traffic volume at the moment from start of use or reset is shown. Moreover, the data traffic for a maximum of three days is also shown.



In Menu List, Data Traffic



Data traffic is shown.

Data traffic volume to present for Maximum Traffic set in Data traffic settings is shown. For setting maximum traffic, see "Setting Maximum Traffic."

Setting Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

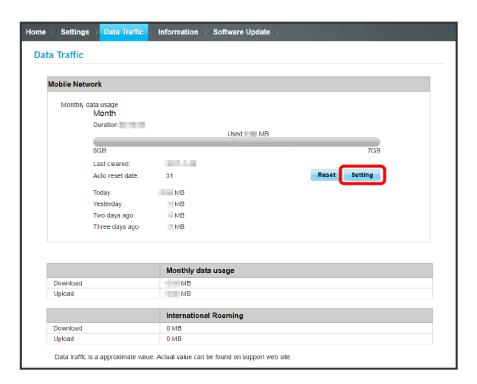


In Main Menu, Data Traffic



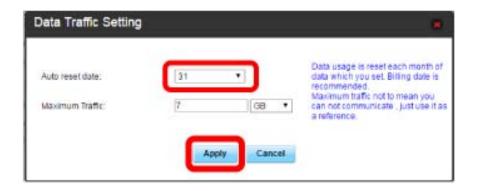
2

[Setting]



Select date for resetting

Apply



- Auto reset date is set.
- \cdot Value number is selected between 1 and 31.
- \cdot If 31 is set, data traffic is reset at the end of the month.

"Reset" and "Auto Reset"

The reset items differ in "Reset" and "Auto Reset."

With "Reset," reset this month, current day, a day ago, two days ago, three days ago immediately.

With "Auto Reset," data traffic for this month resets as the date changes to the day after the auto reset date. Data traffic after the reset date continues to accumulate.

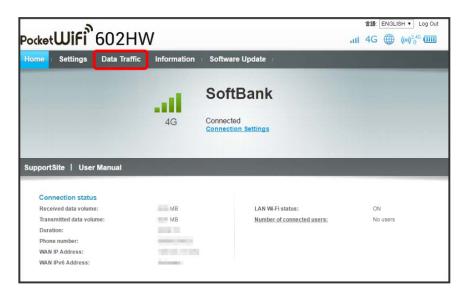
Setting Maximum Traffic

Set monthly data traffic volume. When data traffic volume exceeds the set volume, notification icon etc. appears in Home Screen of Wi-Fi router.

- · When "Monthly" is selected to show data traffic volume on Home Screen of Wi-Fi router, [32] (bar icon) is shown on Home Screen. When data traffic volume exceeds the maximum volume set in Data Traffic, bar icon of Data Traffic changes to [33] (maximum exceeded icon). Data traffic onto Home Screen is set only on Wi-Fi router. It is not set on WEB UI.
- · Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.

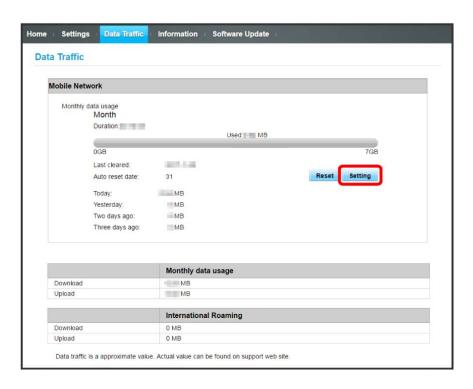


In Main Menu, Data Traffic

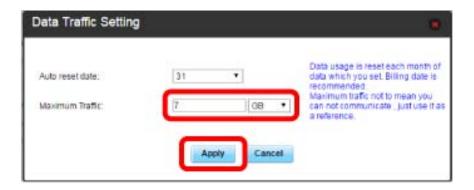


2

[Setting]



Enter number for data traffic \bigcirc Select units \bigcirc Apply



- Maximum traffic is set.
- · Enter value between 1 and 999.
- \cdot Set data volume in GB/MB.

Resetting Data Traffic

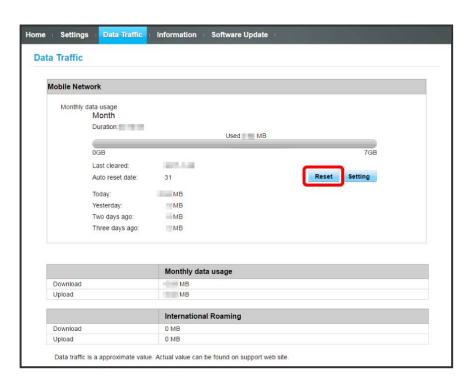


In Main Menu, Data Traffic



2

Reset







Data traffic volume is reset.

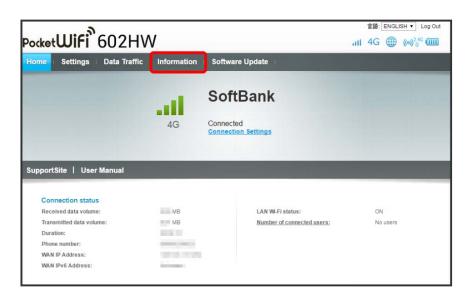
Confirming Information

Information is received by Wi-Fi router.

Confirming Information

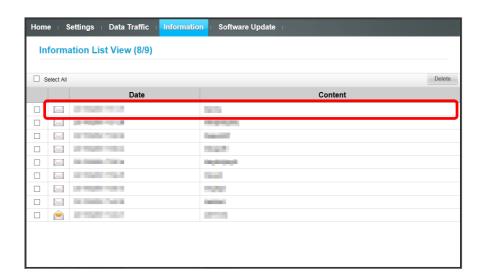


In Main Menu, Information



2

Select information to confirm



Information is shown.

Deleting Viewed Information

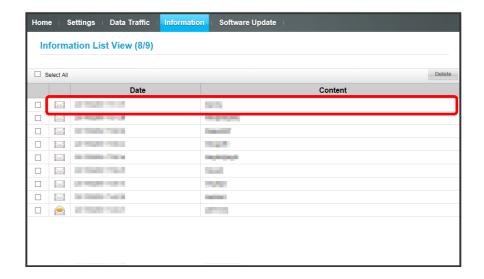
1

In Main Menu, Information



2

Select information





[Delete]



4



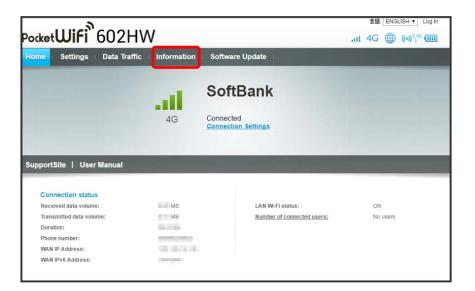


Information is deleted after pop-up screen is shown.

Selecting and Deleting Information

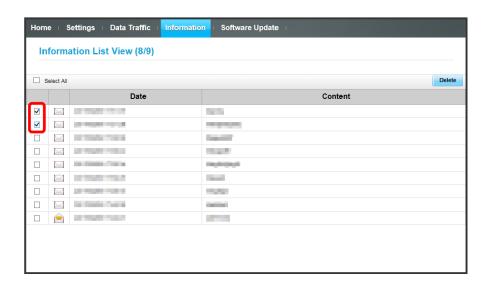
1

In Main Menu, Information



2

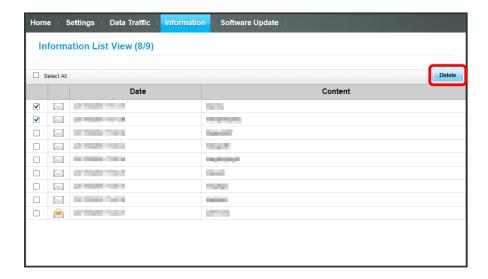
Checkmark information to delete



· Checkmark "Select All" to select all.



[Delete]



4





Moreover Information is deleted after pop-up screen is shown.

Setting Software Update

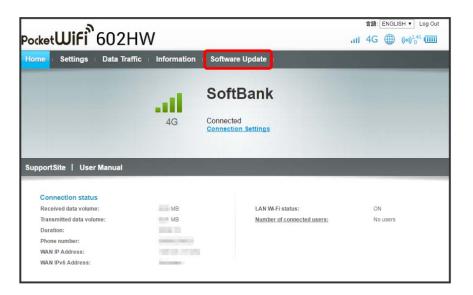
Make settings for software updates.

Turn auto-software update to Enable to automatically update. If it is Disable , Wi-Fi router checks updates but does not update automatically.

Setting Auto-Software Update

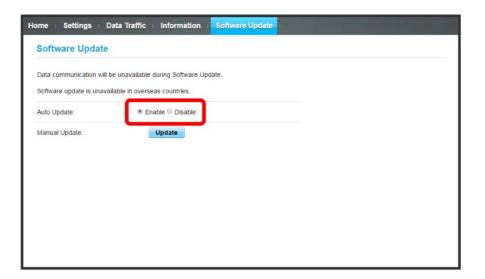
1

In Main Menu, Software Update



2

Enable / Disable

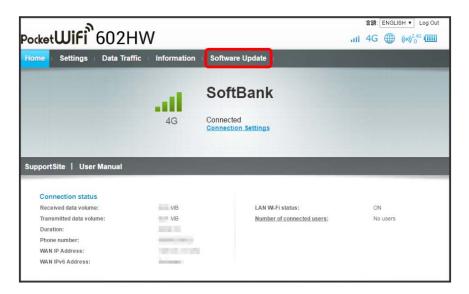


Auto-software update downloading turns [Enable] / Disable].

Updating Software

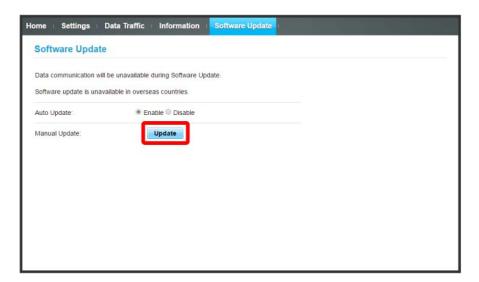


In Main Menu, Software Update



2

[Update]



- Wi-Fi router checks the latest software.
- \cdot When software is the latest, "The latest version" appears. If not the latest, software is updated.

Software Update

Packet communication charges are not applied for software update. While software is updated, other functions are disabled. Software update is not available during International roaming.

Setting from Mobile Device

Access WEB UI from a smartphone etc. to show WEB UI page for mobile devices.

Activating WEB UI from Mobile Device

- \cdot SoftBank Corp. does not guarantee compatibility with all mobile devices.
- \cdot Available functions differ in WEB UI for mobile devices and WEB UI for computers.



Confirm that Wi-Fi router and mobile device are connected via WLAN.

· For instruction for WLAN connection, see "WLAN (Wi-Fi)."



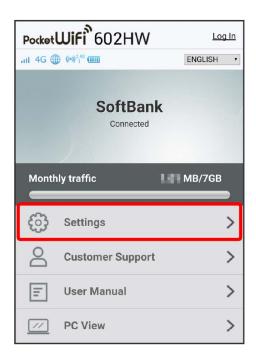
Activate Web browser and enter URL (http://web.setting) in address bar



Logging In to WEB UI from Mobile Device



In WEB UI Home Page, Settings



Login window opens.



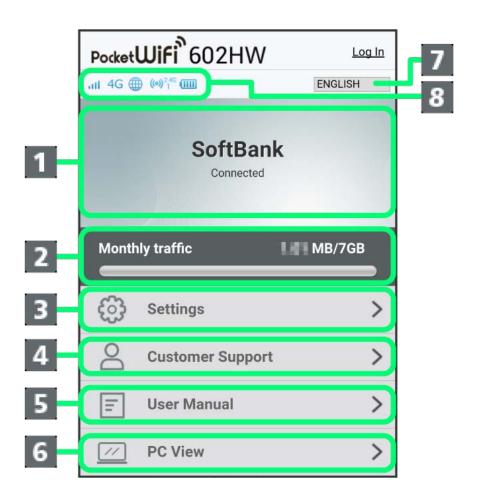
Enter Login password 🔵 Login





· "admin" is set for Login password by default. For Login password, see "Changing Login Password for WEB UI."

WEB UI Screen on Mobile Device



Item	Description
1 Connected network	Connected network details
2 Monthly traffic	Show accumulated data traffic at the moment from start of connection
3 Settings ¹	Show settings for all functions
4 Customer Support	Connect SoftBank website and open Support Site of 602HW
5 User Manual	Connect SoftBank website and open User Manual of 602HW
6 PC View	Open WEB UI Home Page for computer
7 Language setting	Change the WEB UI display language

8 Icons

```
DFS: Flashes when checking whether interfering with weather radar
\cdot \; \text{Software update notification}

	★ : Appears when update software is detected

\cdot Notifications
· Mobile network signal level
(Strong) ⇔ (Weak) ⇔ (Out of service area)
· Network type
4G: 4G connected
LTE: LTE connected
3G: 3G connected
· Wi-Fi spot

₹ :Wi-Fi spot connected (including SoftBank Wi-Fi Spot)

\cdot Internet connection status
: Appears when Internet connected
: Appears when Internet not connected
· WLAN status
የዶላ : Appears when WLAN is ON, operating at 2.4 GHz (Wi-Fi)
👫: Appears when WLAN is ON, operating at 5 GHz (Wi-Fi)
Number below Wi-Fi communication standard (2.4G/5G) is current number of connected WLAN
devices.
· Battery level
\bigcirc (High)\Rightarrow \bigcirc (Low)
☐ (Flashing): Nearly empty (charge Battery)
```

1 Input Login password when having not logged in to WEB UI.

Layout Other than Home Page



Item	Description
1 Log Out	Log out from WEB UI
2 Home	Return to Home Page
3 Menu	Show settings for all functions

Setting LAN Wi-Fi (on Mobile)

LAN Wi-Fi Sleep Settings

Setting items are as follows:

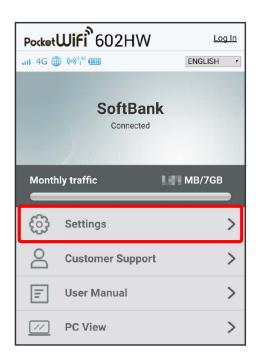
Item Description

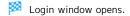
Set whether to disable WLAN function automatically when Wi-Fi router does not connect to Sleep Mode Settings WLAN devices; WLAN function is not turned off while charging even if Sleep Mode Settings is

ON

1

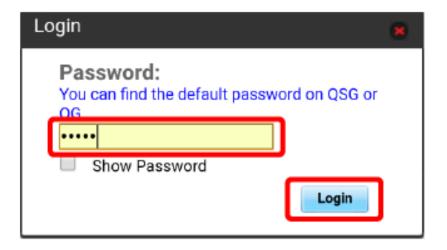
In WEB UI menu, Settings





· When already logged in, go to step 3.

Enter Login password 🔵 Login



- Settings open.
- 3

[LAN Wi-Fi]





Set time until entering Sleep mode

Apply



- · Select OFF to disable Sleep setting.
- 5
- OK



Sleep mode setting is complete.

LAN Wi-Fi Basic Settings (SSID A)

Make basic WLAN settings for Wi-Fi name (SSID A).

· Setting items are as follows:

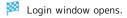
Item	Description
SSID	Set Wi-Fi name (Network Name)
Authorization method	Set authorization method
Encryption method	Set encryption method
WPA security key	Appears when "WPA2-PSK" or "WPA/WPA2-PSK" is selected in "Authorization method;" enter password (Security Key)
WEP key 1 to 4	Appears when "Auto," "Open" or "Shared key" is selected in Authorization method and Encryption method is "WEP;" enter WEP Key
Default key	Set default WEP Key

 $[\]cdot$ Checkmark "Show Password" to show entered WPA Security Key and WEP Keys 1 to 4.



In WEB UI menu, Settings





· When already logged in, go to step 3.



Enter Login password

Cogin



Settings open.

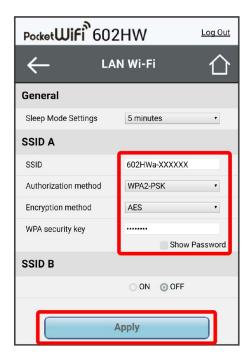


[LAN Wi-Fi]



Set each item

Apply



5





LAN Wi-Fi basic settings for Wi-Fi name (SSID A) are made.

Enabling Multi-SSID Function (SSID B)

Make basic WLAN settings for Wi-Fi name (SSID B).

- · To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- \cdot When Multi-SSID is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.
- · When Multi-SSID is enabled, communication speed may decrease depending on number of WLAN devices connected.
- \cdot Setting items are as follows:

Item	Description
SSID	Set Wi-Fi name (Network Name)
Authorization method	Set authorization method
Encryption method	Set encryption method
WEP key 1 to 4	Appears when "Auto," "Open" or "Shared key" is selected in Authorization method and Encryption method is "WEP;" enter WEP Key
Default key	Set default WEP Key

 \cdot Checkmark "Show Password" to show entered WEP Keys 1 to 4.



In WEB UI menu, Settings







· When already logged in, go to step 3.



Enter Login password 🔵 Login



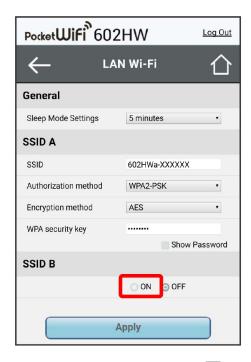
- Settings open.
- 3

[LAN Wi-Fi]





Turn "SSID B" to ON

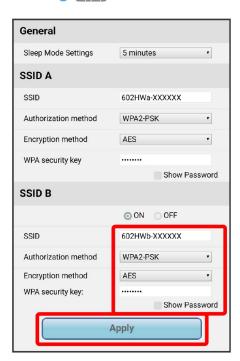


· Information screen appears when Tapping ON of "SSID B" with Wi-Fi spot enabled. Tap OK to disable Wi-Fi spot function automatically.



Set each item

Apply









LAN Wi-Fi basic settings for Wi-Fi- name (SSID B) are made.

Setting Mobile Network (on Mobile)

Connect to a 4G/LTE/3G network with Wi-Fi router and make detailed settings.

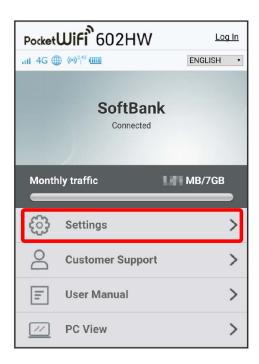
Setting Network Mode

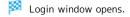
Set preferred Network mode.

· "4G/LTE/3G" is set by default.



In WEB UI menu, Settings





· When already logged in, go to step 3.



Enter Login password

Login



Mobile Network



4

Change Network mode
Apply



Network mode is changed.

International Roaming



In WEB UI menu, Settings



- Login window opens.
- $^{\circ}$ When already logged in, go to step $\boxed{\mathbf{3}}$.



Enter Login password

Cogin



Settings open.

Mobile Network



4

Change International roaming (>) (Apply)



- International roaming setting is changed.
- · When turning Disable to Enable , information screen appears. Click OK to change international roaming setting.
- · The mobile network can be set manually during International roaming. For details, see "Setting Mobile Network."
- Notes for Overseas Use

When coming to Japan from overseas, turn the power off and back on.

Showing/Setting Data Usage (on Mobile)

Check data traffic volume. Also, set maximum traffic or reset date for data traffic.

Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact SoftBank Customer Support.

Checking Data Traffic Volume

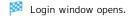
Accumulated data traffic volume at the moment from start of use or reset is shown. Moreover, the data traffic for a maximum of three days is also shown.



In WEB UI menu, Settings







· When already logged in, go to step 3.



Enter Login password 🔵 Login



[Data Usage]



- Data traffic volume is shown.
- · Data traffic volume to present for Maximum Traffic set in Data Usage is shown. For setting maximum traffic, see "Setting Maximum Traffic."

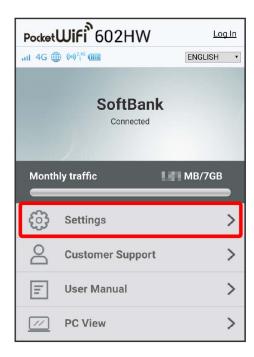
Setting Auto Reset Date

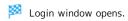
Set date of month for automatically resetting accumulated data traffic.



In WEB UI menu, Settings







· When already logged in, go to step 3.



Enter Login password

Cogin





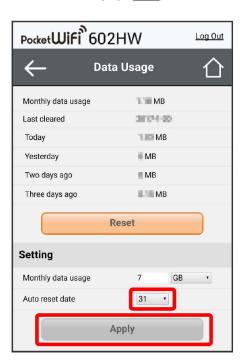
[Data Usage]



4

Select date for resetting

Apply



- Auto reset date is set.
- \cdot Value number is selected between 1 and 31.
- \cdot If 31 is set, data traffic is reset at the end of the month.

"Reset" and "Auto Reset"

The reset items differ in "Reset" and "Auto Reset."

With "Reset," reset this month, current day, a day ago, two days ago, three days ago immediately.

With "Auto Reset," data traffic for this month resets as the date changes to the day after the auto reset date. Data traffic after the reset date continues to accumulate.

Setting Maximum Traffic

Set monthly data traffic volume.

 \cdot Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.



In WEB UI menu, Settings



- Login window opens.
- · When already logged in, go to step 3.



Enter Login password 🔵 Login



Settings open.

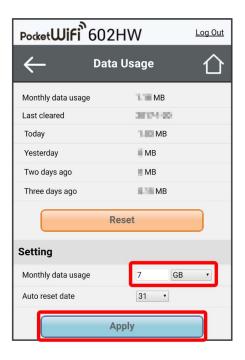


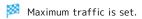
[Data Usage]



4

Enter number for data traffic \Rightarrow Select units \Rightarrow Apply





- \cdot Enter value number between 1 and 999.
- · Set data volume in GB/MB.

Resetting Data Traffic

1

In WEB UI menu, Settings



- Login window opens.
- $^{\cdot}$ When already logged in, go to step $\boxed{\mathbf{3}}$.
- 2

Enter Login password

Cogin



Settings open.

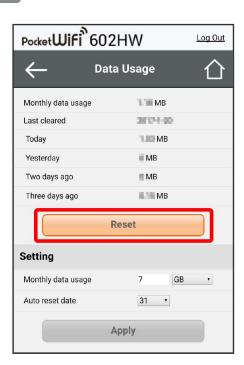


[Data Usage]

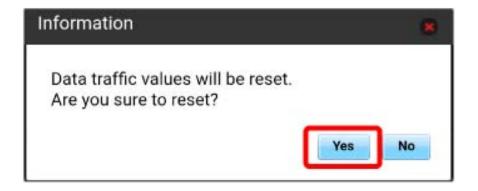


4

Reset







Data volume is reset.

Confirming Information (on Mobile)

Information is received by Wi-Fi router.

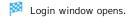
Confirming Information



In WEB UI menu, Settings







· When already logged in, go to step 3.



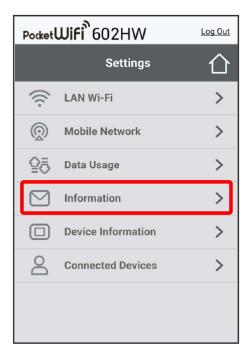
Enter Login password

Cogin





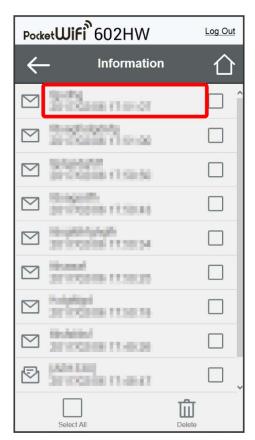
[Information]



Information is shown.

4

Select information to confirm



Information is shown.

Selecting and Deleting Information



In WEB UI menu, Settings

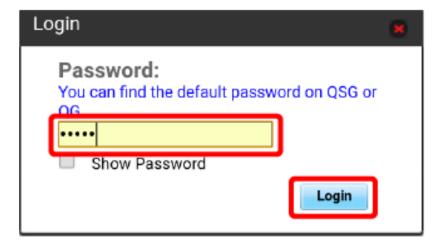


- Login window opens.
- $^{\circ}$ When already logged in, go to step $\boxed{\mathbf{3}}$.



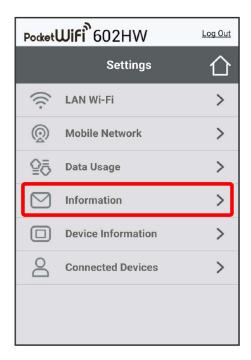
Enter Login password

Cogin



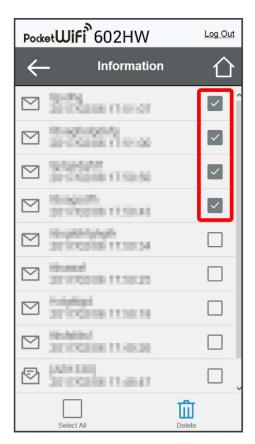
Settings open.

[Information]



4

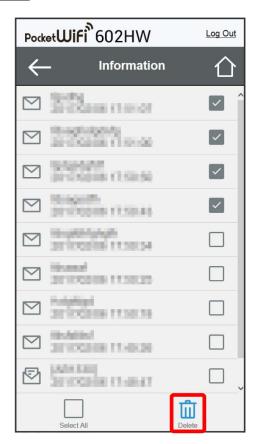
Checkmark information to delete



 \cdot Checkmark "Select AII" to select all.



[Delete]



6

[YES]



Information is deleted after pop-up screen is shown.

Checking Wi-Fi Router Information (on Mobile)

Checking Wi-Fi Router Information

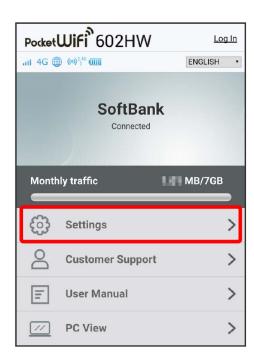
Check device information such as software version.

Item	Description
Device name	Product name (602HW)
IMEI	Serial number
Number	Phone number saved to USIM Card
Hardware version	Current hardware version
Software version	Current software version
Firmware version	Current firmware version
WEB UI version	Current WEB UI version
WAN IP Address	Wi-Fi router IP address; connect to the Internet with this IP address
WAN IPv6 Address	Wi-Fi router IPv6 address



In WEB UI menu, Settings







[·] When already logged in, go to step 3.



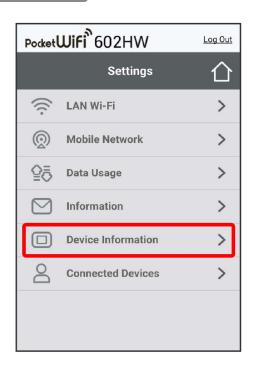
Enter Login password

Cogin



- Settings open.
- 3

Device Information



Information is shown.

Checking Connected Devices

Checking Connected Devices

Check IP addresses, host names, MAC addresses, and communication duration of connected devices.

1

In WEB UI menu, Settings



- Login window opens.
- · When already logged in, go to step 3.



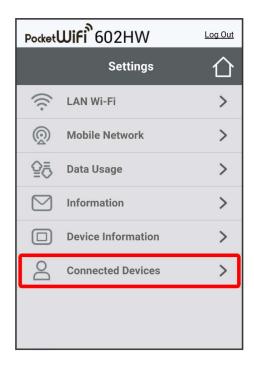
Enter Login password 🔵 Login



Settings open.



Connected Devices



Information of connected devices is shown.

Appendix

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Troubleshooting

Check Here First

If symptoms continue even after checking, contact a nearby SoftBank Shop or Customer Service.

? Hints

- Q. Unable to connect WLAN
- A. Make sure Wi-Fi router and WLAN device WLAN functions are activated. When five minutes elapse after no WLAN devices are connected and Display turns off, Wi-Fi router goes into Sleep mode and WLAN function of Wi-Fi router is disabled. Thereafter, mobile network is also disconnected in 30 minutes. Press

 to enable WLAN function. Change time before turning off in Sleep Mode in Wi-Fi router Settings

 For details, see "Setting Sleep Mode."
- A. Confirm that Wi-Fi name of Wi-Fi router is selected and correct password (Security Key) is set on WLAN device. If you forget Wi-Fi name or password (Security Key), see Wi-Fi in Wi-Fi router Touch Menu or LAN Wi-Fi on WEB UI and change password (Security Key) on WLAN device.

 For details, see "Wi-Fi Name and Password (Security Key)," "LAN Wi-Fi Basic Settings (SSID A)." Some WLAN devices do not support WPA/WPA2. See WLAN device
- A. If you are unable to connect with WPS function, see WLAN device user guide etc. If problem persists, set up WLAN manually. See each topic of "WLAN (Wi-Fi)."
- A. Change Wi-Fi Communication and retry. For details, see "Wi-Fi Communication Standard Setting."
- A. Connection may fail when Wi-Fi router is connected to a WLAN device with Wi-Fi router's "Wi-Fi PMF" enabled. In that case, use WEB UI to turn "Wi-Fi PMF" in "LAN Wi-Fi" to OFF. For details, see "LAN Wi-Fi Advanced Settings."
- Q. PC does not recognize Wi-Fi router by USB connection (Windows 10)
- A. Confirm that Wi-Fi router is properly connected to PC.
- A. Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- Follow these steps to confirm proper Wi-Fi router installation.

Right-click the Start menu Device Manager Confirm that the following are shown

- Before driver installation: "HUAWEI Mass Storage USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bus Controllers"
- · After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"

- Q. PC does not recognize Wi-Fi router by USB connection (Windows 8.1)
- A. Confirm that Wi-Fi router is properly connected to PC.
- A. Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- Follow these steps to confirm proper Wi-Fi router installation.

Open Desktop window Explorer Right-click

PC Properties System Properties Confirm that the following is shown

- Before driver installation: "HUAWEI Mass Storage USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bus Controllers"
- · After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"
- Q. PC does not recognize Wi-Fi router by USB connection (Windows 8)
- A. Confirm that Wi-Fi router is properly connected to PC.
- A. Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- Follow these steps to confirm proper Wi-Fi router installation.

Open Desktop window Explorer Right-click

Computer Properties System Properties

Hardware Device Manager Confirm that

the following is shown

- Before driver installation: "HUAWEI Mass Storage USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bass Controllers"
- After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"
- Q. PC does not recognize Wi-Fi router by USB connection (Windows 7)
- A. Confirm that Wi-Fi router is properly connected to PC.
- A. Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- Follow these steps to confirm proper Wi-Fi router installation.

Start Explorer Right-click Computer Hardware System Properties Hardware Confirm that the following is shown

- Before driver installation: "HUAWEI Mass Storage USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bus Controllers"
- · After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"

- Q. PC does not recognize Wi-Fi router by USB connection (Windows Vista)
- Confirm that Wi-Fi router is properly connected to PC.
- Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- Follow these steps to confirm proper Wi-Fi router installation.



















Confirm that the following is shown

- · Before driver installation: "HUAWEI Mass Storage USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bus Controllers"
- · After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"
- Q. Installer does not automatically activate (Windows PC)
- A. It takes time to recognize new hardware. Wait for approximately ten seconds. If installer does not automatically activate, manually install the driver. For details, see "Manual Installation."
- A. When some security software is installed in your PC, stop security software before installing. For stopping security software, see security software user guide.
- Q. Charging time is long
- A. Charging via USB connection with PC takes longer. Do not use except for compatible AC Charger (sold separately) or supplied USB Cable to charge Battery. May cause malfunction.
- A. It takes longer to charge while using Wi-Fi router.
- Internet connection fails
- A. Make sure you are within the service area.
- A. If signal reception is poor, move to where signal is strong, then reconnect.
- The access point might be busy depending on the time of day, wait a little while then reconnect.
- A. Activate WEB UI and confirm that Wi-Fi spot setting and network settings are correct.
- Q. Unable to connect Wi-Fi spot
- A. Confirm that access point to be connected is compatible with Wi-Fi router. For specifications of access point, see access point user guide.
- A. Confirm that Wi-Fi spot settings such as password (Security Key) are properly made. For settings, see "Setting Wi-Fi Spot."

- Q. Transmission fails
- A. Signal may be weak. Move to where signal is stronger.
- A. Check Battery of Wi-Fi router. If Battery is low, charge Battery with PC using USB Cable or AC Charger (sold separately).
- A. Confirm that Wi-Fi router and WLAN device, PC, etc. are properly connected via WLAN or USB Cable.
- A. If Wi-Fi router is connected via WLAN, power off Wi-Fi router, then power on again.
- A. If Wi-Fi router is connected using USB Cable, remove Wi-Fi router from PC, then reconnect.
- A. Some WLAN devices may stop when no data transfer is made for a certain period of time. See WLAN device user guide.
- A. If problem persists, restart PC, then reconnect to Wi-Fi router.
- Q. Transmission from WLAN device connected to Wi-Fi router fails
- A. Confirm that USIM Card is recognized.
- A. Confirm that Wi-Fi router is properly connected to the Internet. When connected to the Internet, Internet connection icon () appears in Home Screen.
- A. Data traffic is unavailable during Wi-Fi router software update. Try to connect after software is updated.
- O. Transmissions are slow
- A. Signal may be weak. Move to where signal is stronger.
- A. Connection may be poor. Try again later.
- A. Interference with nearby WLAN device etc. may occur. Change Wi-Fi router channel or connect with USB Cable. For changing WLAN channel, see "LAN Wi-Fi Advanced Settings."
- A. Connection may fail when Wi-Fi router is connected to a WLAN device with Wi-Fi router's "Wi-Fi PMF" enabled. In that case, use WEB UI to turn "Wi-Fi PMF" in "LAN Wi-Fi" to OFF. For details, see "LAN Wi-Fi Advanced Settings."
- A. Using TV, radio or microwave oven may cause interference signal reception of Wi-Fi router. Use them apart from Wi-Fi router or turn them off to check if they interfere Wi-Fi router signal reception.
- If temperature of Wi-Fi router remains high for a long time, communication may be restricted. Try to connect after a while.
- A. If Wi-Fi router is covered with cover or case, remove it.
- A. When Power save setting is ON, the maximum communication speed is reduced to save power consumption. Turn Power save setting to OFF. For details, see "Using Power Save Setting" and "Setting Power Save."

- Q. Forgot PIN/Unknown PUK Code/USIM Card is locked
- A. Contact Customer Service, General Information.
- Q. USIM Card is not recognized/recognized as an invalid USIM Card
- A. Make sure USIM Card is inserted correctly. For details, see "Installing USIM Card."
- A. Check USIM Card for warping.
- A. Check USIM Card IC chip for scratches/corrosion.
- A. Debris on USIM Card (particularly on IC chip) may prevent recognition. Clean it with a soft cloth.
- A. Check above all. If problem persists, contact Customer Service.
- Q. Confirming Administrator logon
- A. For Windows 10, follow these steps to check.

 Right-click the Start menu (a) Control Panel (b)

 User Accounts (b) Make sure that the account type you are logging in as is "Administrator."
- A. For Windows 8.1, follow these steps to check.

 Move the pointer into the upper-right or lower-right corner charm control Panel Change your account type in "User Accounts and Family Safety" Make sure that the account type you are logging in as is "Administrator."
- A. For Windows 8, follow these steps to check.

 Move the pointer into the upper-right or lower-right corner corner charm Control Panel Change your account type in "User Accounts and Family Safety" Make sure that the account type you are logging in as is "Administrator."
- For Windows 7 or Windows Vista, follow these steps to check.
 - Start menu → Control Panel → User Accounts and Family Safety → User Accounts → Confirm that account type is "Administrator."
- A. For Mac OS X (10.12), follow these steps to check.

 In the Apple menu, System Preferences

 Users & Groups Confirm that account type is

 "Administrator."
- Q. Communication is not available with out of service indicated when moving from Japan to abroad
- A. Make sure that International Roaming for International Roaming is enabled. For details, see "International Roaming."
- Q. Resetting factory defaults (Reset)
- A. Use Reset Button or WEB UI to reset. For details, see "Front/Top/Bottom" or "Resetting Wi-Fi Router" (for WEB UI).

- Q. Canceled phone number appears on WEB UI
- A. Phone number may appear on WEB UI screen depending on terms of contract or cancellation method.
- Q. Wi-Fi router operations are unstable
- A. Confirm that Wi-Fi router is not used in extreme temperatures/high humidity/direct sunlight/dusty areas. Read "Safety Precautions" beforehand for using under proper environment.
- Q. Wi-Fi router goes off
- A. Confirm that Wi-Fi router is not used in extreme temperatures/high humidity/direct sunlight/dusty areas. Read "Safety Precautions" beforehand for using under proper environment.
- A. Reboot Wi-Fi router and check battery level. If Battery is low, charge Battery, power on 10 minutes after charging starts, then check if Wi-Fi router works properly.
- Q. Wi-Fi router is inoperative
- A. Operate as follows.

Remove Battery Insert Battery Power on after a while

For removing Battery, see "Inserting/Removing Battery."

- Q. Connection for voice chat or video chat fails
- A. Make sure Wi-Fi router is within the service area.
- A. Signal may be weak. Move to where signal is stronger.
- A. For UPnP compatible applications, enable UPnP.
 Start WEB UI, Settings Router Setting
 Select Enable for "UPnP" and Click Apply .
- Q. IP address error is shown
- A. If IP address of Wi-Fi spot and IP address of Wi-Fi router are duplicated, IP address error is shown on Display of Wi-Fi router.
 When using the Wi-Fi spot function, and connect to the Internet through the access point of the public WLAN service, duplicating the IP address of the LAN

WLAN service, duplicating the IP address of the LAN Wi-Fi and Wi-Fi spot may occur and Internet connection is unavailable in this situation. Activate WEB UI and see "Router Setting" for details on changing current IP address to a different IP address (by default, IP address of Wi-Fi router is set to "192.168.128.1.") If an IP address error occurs in this setting, change the third portion of the "128" in the "192.168.128.1" from the left to another number). Accordingly, change starting IP address/ending IP address in DHCP and click Apply . When Wi-Fi router's IP address is changed, changing some settings of Router Setting for functions linked to the IP address may be required.

Specifications

Wi-Fi Router

Item	Description
Product Name	602HW
Dimensions	Approx. 65.1 mm (H) × 109.9 mm (W) × 15.5 mm (D)
Weight	Approx. 135 g
Interface	USB 3.0 (Type-C plug)
Power Consumption	On standby: 0.015 W In communication: 1.3 W *Power consumption varies by usage
Operation Environment	Operating Temperature: 0°C to 35°C Humidity: 5% to 95%
Compatible Networks	Domestic use 4G: B41, B42 FDD-LTE: B1, B3, B8, B11 Overseas use 4G: B41, B42 FDD-LTE: B1, B2, B3, B4, B12, B17, B25, B26 3G: B1, B2, B4, B8 Wi-Fi: IEEE 802.11a/b/g/n/ac (Wi-Fi spot), IEEE 802.11 a/b/g/n/ac (LAN Wi-Fi)

4G:

Upstream: 2496 MHz to 2690 MHz, 3480

MHz to 3600MHz

Downstream: 2496 MHz to 2690 MHz,

3480 MHz to 3600MHz

FDD-LTE:

Upstream: B1 (1920 MHz to 1980 MHz), B2 (1850 MHz to 1910 MHz), B3 (1710 MHz to 1785 MHz), B4 (1710 MHz to 1755 MHz), B25 (1850 MHz to 1915 MHz), B26 (814 MHz to 849 MHz), B8 (880 MHz to 915 MHz), B11 (1427.9 MHz to 1447.9 MHz), B12 (699 MHz to 716 MHz), B17 (704 MHz to 716 MHz)
Downstream; B1 (2110 MHz to 2170 MHz), B2 (1930 MHz to 1990 MHz), B3 (1805 MHz to 1880 MHz), B4 (2110 MHz to 2155 MHz), B25 (1930 MHz to 1995 MHz), B26 (859 MHz to 894 MHz), B8 (925 MHz to 946 MHz), B11 (1475.9MHz

Frequency

3G:

Upstream: B1 (1920 MHz to 1980 MHz), B2 (1850 MHz to 1910 MHz), B4 (1710 MHz to 1755 MHz), B8 (880 MHz to 915

to 1495.9 MHz), B12 (729 MHz to 746 MHz), B17 (734 MHz to 746 MHz)

MHz)

Downstream: B1 (2110 MHz to 2170 MHz), B2 (1930 MHz to 1990 MHz), B4 (2110 MHz to 2155 MHz), B8 (925 MHz to

946 MHz) Wi-Fi:

2400 MHz to 2483.5 MHz (all 13ch) 5180 MHz to 5320 MHz, 5500 MHz to

5700 MHz

Continuous
Standby
Time^{1, 2}
Continuous

Approx. 850 hours

Power save OFF: Approx. 6hours Power save ON: Approx. 8.5 hours

Communication
Time²

1 Carrier aggregation not applied.

2 Continuous standby time and continuous communication time depend on environment, signal conditions, etc.

USB Cable

Item	Description
Product Name	USB Cable TypeA/C (HWDCK1)
Cable Length	1 m
Plug Type	USB Plug/Type-C Plug

Battery

Item	Description
Product Name	Battery (HWBCK1)
Voltage	3.8 V
Туре	Lithium-ion polymer battery
Capacity	2400 mAh

Material List

· Wi-Fi router

· Wi-Fi router	
Parts	Materials/Finishing
Outer Case (Front)	PC/coating
Outer Case (Side)	PC/coating
Touchscreen	Glass
Power Button	PC/coating
Reset Button	PC + ABS
Battery Cover	PC/coating
Sheet	PET
Nameplate	PET
Liquid Contact Indicator	PP + water-soluble paper
Outer Case (Battery Side) (Resin Part)	PA
Outer Case (Battery Side) (Metal Part)	Aluminum alloy
USIM Card Stopper	Nickel copper alloy/gold plating
USIM Card Slot (Resin Part)	LCP
USIM Card Slot (Metal Part)	Phosphor bronze/gold plating, nickel plating
Battery Terminals (Resin Part)	LCP
Battery Terminals (Metal Part)	Titanium copper alloy/gold plating
· USB Cable	
Parts	Materials/Finishing

TPE

Brass/nickel plating

SPCC-SD/nickel plating

Outer Case USB Plug

Type-C Plug

$\cdot \; \text{Battery}$

Parts	Materials/Finishing
Body	PC + ABS
Terminal	Copper/gold plating, nickel plating
Liquid Contact Indicator	Water-soluble paper/OPP film
Printed Label	PET

GPL Written Offer

This product contains free software complying with GNU General Public License (Version 2). For details, refer to the following web page

http://consumer.huawei.com/minisite/copyright_notice/ or contact mobile@huawei.com.

Warranty & Service

Warranty

Wi-Fi router purchase includes Warranty.

- · Confirm shop name and purchase date.
- \cdot Read contents of Warranty and keep it in a safe place.
- \cdot The warranty period is found in the Warranty.

Precautions

Damages

SoftBank Corp. is not liable for any damages resulting from use of Wi-Fi router.

Accidents/Repair

Files and settings may be lost or altered due to accidents or repairs. Keep a copy of important files, etc. SoftBank Corp. is not liable for damages resulting from loss or alteration of files or settings due to accident or repair.

Disassembling/Modifying Wi-Fi Router

Disassembling or modifying this Wi-Fi router may be a violation of the Radio Law. Note that SoftBank Corp. does not accept repair requests for modified products.

Servicing

Before submitting Wi-Fi router for repairs, contact a SoftBank Shop or Customer Service, General Information; be prepared to describe problem in detail.

- During the warranty period, repairs are made under the terms and conditions described in the Warranty.
- · After the warranty period, repairs are upon request; if said repairs are made, you are charged for them.

Further Inquiry

For more information, contact a SoftBank Shop or Customer Service.

Customer Service

For Wi-Fi router or service information, call General Information. For repairs, call Customer Assistance.

SoftBank Customer Support

From a SoftBank handset, dial toll free at 157
From a landline/IP phone, dial toll free at 0800-919-0157

For Customer Assistance

From a SoftBank handset, dial toll free at 113
From a landline/IP phone, dial toll free at 0800-919-0113
If you cannot reach a toll free number, use the number
(charges apply) below for your service area:
Hokkaido Area, Tohoku Area, Hokuriku Area, Kanto &
Koshinetsu Area: 022-380-4380 (Charges apply)
Kansai Area: 06-7669-0180 (Charges apply)
Chugoku Area & Shikoku Area, Kyushu & Okinawa Area:
092-687-0010 (Charges apply)

SoftBank Technical Support Center

Setup, Operations & Technical Issues: Service hours Weekdays 9:00 am – 7:00 pm Saturdays, Sundays, and holidays 9:00 am – 5:00 pm From a SoftBank handset, dial toll free at \pm 5525 From a landline/IP phone, dial toll free at 0088-21-5525 *Not available from outside Japan.

SoftBank Global Call Center

From outside Japan, dial +81-92-687-0025 (toll free from SoftBank handsets)

If handset is lost/stolen, call this number immediately (international charges apply)

Safety Precautions

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Safety Precautions

Read safety precautions before using Wi-Fi router. Observe precautions to avoid injury to self or others, or damage to property.

Labels & Symbols

These labels indicate the degree of risk from improper use. Make sure you thoroughly understand their meanings before reading on.

Mark	Description
<u> </u>	Great risk of death or serious injury*1 from improper use
 MARNING	Risk of death or serious injury*1 from improper use
<u> </u>	Risk of minor injury*2 or damage to property*3 from improper use

- *1 Serious injury: Refers to loss of sight, injury, burns (highand low temperature), electric shock, broken bones, injuries with residual aftereffects from poisoning, etc., and injuries requiring hospital admission for treatment or long-term hospital attendance as an outpatient.
- *2 Minor injury: Refers to injuries, burns (high- and low-temperature), electric shock, etc. that do not require hospital admission for treatment or long-term hospital attendance as an outpatient.
- *3 Damage to property: Refers to extended damage to buildings, furniture, livestock, pets, etc.

Mark	Descriptions
Prohibited	Prohibited actions
Do Not Disassemble	Disassembly prohibited
Avoid Liquids Or Moisture	Exposure to liquids prohibited
Do Not Use Wet Hands	Use with wet hands prohibited
Compulsory	Compulsory actions
Disconnect	Unplug from outlet

Wi-Fi Router, USIM Card, Battery, USB Cable Charger

⚠ DANGER



Do not use, store, or leave Wi-Fi router/ related hardware in a place that reaches high temperatures or where heat collects (e.g. near fire or source of heat, under a kotatsu (blanketed warming table) or bedding, in direct sunlight, inside vehicles on a hot day, etc.).

May cause fire, burns, injury, electric shock, etc.



Do not put Wi-Fi router/related hardware in or close to a cooking appliance such as a microwave or IH cooking heater, or a highpressure container such as a pressure cooker.

May cause fire, burns, injury, electric shock, etc.



Do not cover Wi-Fi router/related hardware with sand, soil, or mud. Do not place directly on sand, soil, or mud. Do not touch Wi-Fi router/related hardware with hand covered with sand.

May cause fire, burns, injury, electric shock, etc.



Do not disassemble or modify.

May cause fire, burns, injury, electric shock, etc.



Keep away from water and other liquids (beverage, sweat, sea water, pet urine, etc.).

May cause fire, burns, injury, electric shock, etc.



Do not put water or other liquids in terminals (beverage, sweat, sea water, pet urine, etc.).

May cause fire, burns, injury, electric shock, etc.



Do not charge Wi-Fi router/related hardware while wet with liquids such as water (beverage, sweat, sea water, pet urine, etc.).

May cause fire, burns, injury, electric shock, etc.



Use specified optional accessories only.

May cause fire, burns, injury, electric shock, etc.

⚠ WARNING



Do not drop, step on, throw or otherwise subject to strong force, impact or vibration.

May cause fire, burns, injury, electric shock, etc.



Keep terminals away from conductive materials and do not let dust enter Wi-Fi router/related hardware.

May cause fire, burns, injury, electric shock, etc.



Do not cover/wrap with bedding, etc. during use or charging.

May cause fire, burns, etc.



If Battery does not charge after specified time, stop charging.

May cause fire, burns, injury, etc. due to overcharging.



Keep Wi-Fi router off and stop charging Battery near gas station or places with fire/explosion risk (flammable gases or fine particulates).

Wi-Fi router use near petrochemicals, etc. may cause fire/explosion.



Take these actions in case of odd sound, odor, smoke, overheating, discoloring or deformation during use, charging, or storage:

- 1. Unplug Wi-Fi router/related hardware.
- 2. Power off.
- 3. Remove Battery.

Failure to do so may cause fire, burns, injury, electric shock, etc.

ACAUTION



Do not use Wi-Fi router/related hardware when damaged.

May cause fire, burns, injury, etc.



Do not place Wi-Fi router/related hardware on unstable/uneven surfaces.

Wi-Fi router or related hardware may fall, resulting in injury.



Do not use or store in a place that is subject to high humidity, excessive dust, or high temperatures.

May cause fire, burns, electric shock, etc.



A guardian should give children proper instructions and do not allow them to use Wi-Fi router in a wrong way.

May cause injury.



Do not leave Wi-Fi router and related hardware within the reach of infants.

Infants may swallow Wi-Fi router or related hardware, resulting in injury.



Be careful while in use or while charging for a long period. Do not touch Wi-Fi router and related hardware for long periods unintentionally while sleeping, etc.

Wi-Fi router, Battery, or AC Charger may become hot while in use or while charging for a long period, and cause redness, itchiness, rash, low-temperature burns, etc. depending on your physical condition.

Wi-Fi Router

⚠ DANGER



Do not heat or dispose of Wi-Fi router in fire.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Do not damage Wi-Fi router by nailing, hammering, stomping on it, or otherwise subjecting it to excessive force.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



If matter inside Display gets into eyes or mouth, immediately rinse with water and consult a doctor immediately. Do not rub the eyes.

Failure to follow the instruction may cause blindness or poor health.

M WARNING



Do not put liquid such as water (beverage, sweat, sea water, pet urine, etc.) or foreign objects such as anything metal or flammable into USIM Card slot.

Insert USIM Card in correct position and orientation.

May cause fire, burns, injury, electric shock, etc.



Power off when boarding aircraft.

Follow the regulations of the airline for use aboard aircraft. Otherwise, use may affect an aircraft's electronic equipment. Prohibited usage of Wi-Fi router in aircraft is punishable by law.



Follow medical facility rules regarding use of Wi-Fi router in facilities.

Power off in a prohibited area. May affect electronic equipment or electric medical equipment.



If wearing electric medical equipment, check with the equipment manufacturer or dealer for information about the effects of radio waves.

May affect electric medical equipment.



Power off near electronic devices or equipment operating on high precision control or weak signals.

May cause electronic malfunction, etc.

Take added care near these devices: Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electric medical equipment, and other automatically controlled devices or equipment. When using implanted cardiac pacemakers, implanted cardioverter defibrillators, or other electric medical equipment, check with the equipment manufacturer or dealer for information about the effects of radio waves.



If Display is damaged, be careful of exposed interior components.

Touching damaged or exposed parts may cause burns, injury, electric shock, etc.

∴ CAUTION



If you damage Display and the internal matter leaks, do not let it get on face or hands, on clothes, etc.

May cause blindness or skin harm. If internal matter gets into eyes or mouth, or on skin or clothes, rinse with water immediately. If internal matter gets into eyes or mouth, consult a doctor immediately after rinsing with water.



Do not apply excessive force when removing Battery cover.

Battery cover may be damaged, resulting in injury.



Be careful not to pinch your finger when attaching Battery Cover.

Failure to do so may result in injury.



Do not use Wi-Fi router/related hardware with its Battery Cover off.

May cause burns, injury, electric shock, etc.



If using in vehicles, check with the automobile manufacturer or dealer for information about the effects of radio waves.

Wi-Fi router use may affect electronic equipment. In such case, discontinue Wi-Fi router use immediately.



View Display in a sufficiently bright location, at a reasonable distance from Display.

May deteriorate vision.



If you experience any skin irritation associated with Wi-Fi router use, discontinue Wi-Fi router use and consult a doctor.

May cause itchiness, skin irritation, or rashes depending on your physical condition. (See "Material List")

Battery

Check battery type on label for use/disposal.

Mark

Battery type

Li-ion 00

Lithium-ion polymer battery

⚠ DANGER



Do not let anything metal (necklaces, hairpins, etc.) or conductive material contact connection terminals. Do not carry or store Battery with such objects or materials.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Confirm Battery orientation when inserting.

Insertion with incorrect orientation may cause Battery to ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Do not force Battery into Wi-Fi router.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Do not heat or dispose of Battery in fire.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Do not damage Battery by nailing, hammering, stomping on it, or otherwise subjecting it to excessive force.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



If matter inside Battery gets into eyes, do not rub; immediately rinse with water and consult a doctor immediately.

May cause blindness or poor health.

⚠ WARNING



Do not use Battery in case of abnormal odor, overheating, discoloring, or deformation.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



Stop using and keep away from fire in case of leaking or abnormal odor.

May ignite leaking liquid, resulting in ignition, bursting, etc.



Do not allow a pet, etc. to bite or chew on Battery.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.

CAUTION



Do not dispose of Battery with ordinary refuse.

May cause ignition, resulting in fire, burns, injury, etc. May cause environmental destruction. Tape terminals to insulate them, and bring it to a nearby SoftBank Shop or follow municipality regulations.



Do not use or charge wet Battery.

Battery may ignite, burst, overheat, or leak, and may result in fire, burns, injury, etc.



If matter inside Battery leaks, do not let it get on face or hands, on clothes, etc.

May cause blindness or skin harm. If internal matter gets into eyes or mouth, or gets on skin or clothes, rinse with water immediately. If internal matter gets into eyes or mouth, consult a doctor immediately after rinsing with water.

AC Charger & USB Cable

⚠ WARNING



Do not use AC Charger (sold separately)/USB Cable if these cords are damaged.

May cause fire, burns, electric shock, etc.



Do not use AC Charger (sold separately)/USB Cable cords in a place where humidity is high, such as bathroom.

May cause fire, burns, electric shock, etc.



Do not touch AC Charger (sold separately)/USB Cable if thunder is audible.

May cause electric shock, etc.



Do not short-circuit terminals when plugged in. Do not contact terminals with hands, fingers, etc.

May cause fire, burns, electric shock, etc.



Do not place heavy objects on or pull AC Charger (sold separately)/USB Cable cords.

May cause fire, burns, electric shock, etc.



Do not allow contact with metal such as metal strap when connecting/disconnecting USB Cable from Wi-Fi router.

May cause fire, burns, electric shock, etc.



Do not use voltage converter used for international travel for AC Charger (sold separately).

May cause ignition, overheating, electric shock, etc.



Do not apply excessive force where Wi-Fi router is connected to USB Cable.

May cause fire, burns, injury, electric shock, etc.



Do not touch AC Charger (sold separately) cord/USB Cable, terminals, or power plug with wet hands.

May cause fire, burns, electric shock, etc.



Use specified power supply and voltage.

Use AC Charger for overseas use (sold separately) when charging Battery abroad.

Incorrect power supply and voltage may cause fire, burns, electric shock, etc.

AC Charger (sold separately): AC100V (Plug in household AC outlet only)

AC Charger for overseas use (sold separately): AC100V to 240V (Plug in household AC outlet only)



Clean dusty power plug or AC Charger (sold separately).

Continued use may cause fire, burns, electric shock, etc.



Plug USB Cable firmly into Wi-Fi router.

Failure to do so may cause fire, burns, electric shock, etc.



Do not remove USB Cable by pulling on cord or otherwise applying excessive force. Instead, hold USB Cable by connector to remove.

Pulling the cord could damage it, possibly leading to fire, burns, electric shock, etc.



Connect/disconnect USB Cable straight with the terminals without pulling on cord or otherwise applying excessive force.

Failure to do so may cause fire, burns, injury, electric shock, etc.



If charging terminal is bent or otherwise deformed, stop using Wi-Fi router immediately. Do not fix the deformed shape to use it.

May cause short circuit, resulting in fire, burns, injury, electric shock, etc.



Unplug USB Cable if you are not going to use it.

If USB Cable is left plugged in, it may cause fire, burns, injury, electric shock, etc.



If water or other liquids (beverage, sweat, sea water, pet urine, etc.) seep inside Wi-Fi router or USB Cable, unplug USB Cable immediately.

May cause fire, burns, electric shock, etc.



Disconnect USB Cable from Wi-Fi router before cleaning.

Cleaning Wi-Fi router with USB Cable connected may cause fire, burns, electric shock, etc.

⚠ CAUTION



Do not touch USB Cable for long periods with Wi-Fi router connected.

May cause burns.

USIM Card

⚠ CAUTION



Be careful not to inure your finger, etc. with USIM Card notch.

Failure to do so may result in injury.

Wi-Fi Router Use & Electronic Medical Equipment

MARNING



Persons with an electric medical device such as an implanted pacemaker or implanted cardioverter defibrillator should keep Wi-Fi router at least 15 cm away from the device.

Wi-Fi router radio waves may affect the electric medical device.



When using electric medical equipment (other than implanted cardiac pacemakers/ defibrillators) outside medical facilities, check with the equipment manufacturer for information about the effects of radio waves.

Wi-Fi router radio waves may affect electric medical equipment.



Change Wi-Fi router setting so as not to emit radio waves when it is difficult to keep distance of at least 15 cm from others such as in a crowd.

There may be someone who has an electric medical device such as implanted pacemaker or implanted cardioverter defibrillator around you. Wi-Fi router radio waves may affect the electric medical device.



Follow medical facility rules regarding use of Wi-Fi router in facilities.

Using Wi-Fi router may affect electric medical equipment.

General Notes

For Safety

- Do not disassemble, modify or solder. May cause fire, injury, electric shock or malfunction.
- Do not drop, throw or otherwise subject to strong force or impact. May cause malfunction.
- Do not put Wi-Fi router in cooking appliances such as a microwave or pressure cooker or on IH cooking heaters. May cause malfunction.
- Do not use or expose Wi-Fi router to extreme heat (e.g. near fire or source of heat, in direct sunlight, inside vehicles on a hot day, etc.). Doing so may cause device warping or malfunction. Wi-Fi router or related hardware may become too hot to touch, leading to burn injuries, etc.
- · Wi-Fi router may become hot while in use or while charging for a long period, especially in high temperatures. Prolonged contact with skin may cause low-temperature burn injuries.

Do Not Disturb Others

- When aboard aircraft, use Wi-Fi router appropriately according to the instructions of the airline. Wi-Fi signals may affect flight safety.
- Do not use Wi-Fi router in a prohibited area such as a hospital or research laboratory. Medical equipment etc. might be affected.
- Do not use Wi-Fi router near courtesy seats in train or bus.
 Medical devices such as pacemaker etc. might be affected.
- Do not use Wi-Fi router if thunder is heard while outdoors (golf course, etc.).

General Use

- SoftBank 4G Service can be used with only dedicated models.
- · Wi-Fi router supports Software Update. Use Wi-Fi router with the latest software updated.
- Wi-Fi router transmissions may be disrupted inside buildings, tunnels or underground, or in vehicles, or when moving into/out of such places.
- Use Wi-Fi router without disturbing others. Theaters and public transportation systems may or may not allow use of Wi-Fi router.
- Wi-Fi routers are radios as stipulated by the Radio Law.
 Under the Radio Law, Wi-Fi routers must be submitted for inspection upon request.
- Files may be lost or damaged in the following situations. SoftBank Corp. is not liable for damages incurred due to lost or altered information. To minimize damages, back up data and store separately.
 - When using Wi-Fi router incorrectly
 - When affected by static electricity or electrical noise
- Powering Wi-Fi router off while in use
- When Wi-Fi router breaks down or is submitted for repair
- If Wi-Fi router is used abroad, changing settings according to the law of country is required. For settings, see "LAN Wi-Fi Advanced Settings."
- Communication may slow down or may become unavailable due to heavy traffic or under certain circumstances.
- Do not use Wi-Fi router in the proximity of areas where explosive materials are handled. An explosion may be induced. In addition, explosive devices might be affected.
- Wi-Fi router USIM Card cannot be used with some mobile devices (including SoftBank models).
- Wi-Fi router may become hot while charging or in use for a long time.
- \cdot Prolonged contact with skin may cause low-temperature burn injuries.
- · AC Charger (sold separately) may become hot while charging.

Handling

- Do not expose Wi-Fi router to rain, snow, or high humidity. Wi-Fi router is not waterproof.
- Avoid extreme temperatures/high humidity/direct sunlight/ dusty areas.
- · Do not drop or subject to strong impact.
- · Clean Wi-Fi router with a soft dry cloth. Alcohol/solvent use may fade color/label.

Touchscreen

 Do not press Display surface with nails, sharp or hard object, etc. forcibly. May cause scratch or damage. Touch lightly with your fingers. Do not push Display with your finger or press with sharp object (nails, ballpoint pen, pin, etc.).

Touchscreen may not work in the following cases.

Or, they may cause false operation.

- · Operate with gloves
- · Operate with nail tips
- · Operate with foreign object placed on Display
- \cdot Operate with protective sheet or sticker attached
- · Operate with water drops or dew condensation on Display
- · Operate with wet or sweaty finger
- If conductive material such as metal gets close to Display when carrying Wi-Fi router in a pocket or bag, Touchscreen may cause false operation.
- Touch with fingers. Do not operate with sharp object such as ballpoint pen or pencil. May cause false operation, scratch or damage Display.
- Do not attach sticker or sheet (commercially available protective film, peep prevention sheet, etc.). May cause Touchscreen false operation.
- · Do not touch with nail tips. May cause nail cracks or injury.

Wi-Fi (Wireless LAN)

Wi-Fi router uses 2.4 GHz frequency band WLAN between 2400 MHz and 2483.5 MHz.

Wireless Frequencies & Modulations information: On Wi-Fi router package.



· 2.4: 2400 MHz range

DS/OF: DSSS or OFDM modulation

4: Maximum interference range of 40 m

: Utilizes 2400 MHz-

2483.5 MHz band, and mobile identifier device bands are avoided.

- · Available channels vary depending on the country.
- · For use aboard aircraft, contact the airline beforehand.
- When using Wi-Fi in other countries, check local regulations beforehand.
- Wi-Fi router uses 5 GHz frequency band. Outdoor use of the 5.2 GHz and 5.3 GHz bands is prohibited by the Radio Law.
 Wi-Fi router uses the following channels.

W52 (5.2 GHz band / 36, 40, 44, 48)

W53 (5.3 GHz band / 52, 56, 60, 64)

W56 (5.6 GHz band / 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140)

- Do not use Wi-Fi router near magnetic devices such as electrical appliances or AV/OA devices.
- Magnetic/radio waves may hinder or disable communication. Avoid microwave ovens.
- Use near a TV or radio, etc. may cause interference; may affect TV reception.
- If there are multiple Wireless LAN access points using the same channel, search may fail.
- Wireless LAN device operates same frequency band used by industrial, scientific, consumer and medical equipment including microwave ovens, premises radio stations for identifying mobile units used in the manufacturing lines of plants (radio stations requiring a license), specified low power radio stations (radio stations requiring no license) and amateur radio stations (radio stations requiring a license)
- 1. Before using Wi-Fi router, confirm that premises radio stations for identifying mobile units, specified low power radio stations and amateur radio stations are not being operated nearby.
- 2. If Wi-Fi router causes disruptive radio interference with premises radio stations for identifying mobile units, immediately change frequency band, stop use and take measures (e.g. wall partitions, etc.), or move to another location to avoid crosstalk.
- · Since information is exchanged between terminals and the Wireless LAN access points, an advantage of Wireless LAN connections is that LAN connections can be freely enabled within the reachable range of the signals. However, if the security settings are not set, there is a possibility that security issues may arise from the interception of communication data and illegal intrusions. Wi-Fi router is configured to work with its security functions at the time of purchase. However, in consideration of security, it is

recommended that the security settings at the time of purchase be changed.

- Use Wi-Fi router with the understanding that the Wireless LAN specifications can be breached via special methods.
- Inquire with Customer Service to consult if you are unable to configure the security settings.
- SoftBank Corp. cannot be held liable for WLAN security issues.

Specific Absorption Rate (SAR) Information for this Product

Specific Absorption Rate (SAR) Information for this Product (for Japan)

This product [602HW] meets Japanese technical regulations* and international guidelines for exposure to radio waves. The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

The regulations employ a unit of measurement known as the Specific Absorption Rate, or SAR.

The SAR limit is 2 watts/kilogram (W/kg) averaged over ten grams of tissue.

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the value given in international guidelines recommended by ICNIRP**, which is in collaboration with the World Health Organization (WHO). The highest SAR value for this product is 0.606 W/kg*** when used close to the body in the below manner***. While there may be differences between the SAR levels of

While there may be differences between the SAR levels of various products and at various positions, all products meet the Japanese technical regulations.

Although the SAR is determined at the highest certified power level, the actual SAR of the product during operation can be well below the maximum value.

 \cdot Use close to the body****

To use this product close to the body, maintain a separation of 1.5 cm with no metal (parts) between it and the body. This will ensure this product meets the Japanese technical regulations for exposure and international guidelines for radio wave protection.

- * The technical regulations are provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
- ** International Commission on Non-Ionizing Radiation Protection
- *** The value is under simultaneous transmission use conditions.

The World Health Organization has announced that "A large number of studies have been performed over the last two decades to assess whether mobile phones pose a potential health risk. To date, no adverse health effects have been established as being caused by mobile phone use."

For more information about SAR, see the following websites:
-Ministry of Internal Affairs and Communications (MIC)
http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm
-Association of Radio Industries and Businesses (ARIB)
http://www.arib-emf.org/01denpa/denpa02-02.html

This product [602HW] is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE) and the Federal Communications Commission (FCC). Refer to the following.

European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. In this case, the highest tested SAR value is 1.57 W/kg* at the separation distance of 0.5 cm from the body. For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with RF exposure guidelines.

* The tests are carried out in accordance with international guidelines for testing.

FCC RF Exposure Information

Your handset is a radio transmitter and receiver. It is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The guidelines are based on standards that were developed by independent scientific organization through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons, regardless of age and health.

The exposure standard for wireless bandsets employs a unit of

The exposure standard for wireless handsets employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6 W/kg. The tests are performed in positions and locations (e.g. worn on the body) as required by the FCC for each model.

The highest SAR value for this model handset as reported to the FCC when tested for use worn on the body in a holder or carry case, is 1.51 W/kg.

Body-worn Operation; This device was tested for typical body-worn operations with the back of the handset kept 1.0 cm from the body. To maintain compliance with FCC RF exposure requirements, use accessories that maintain a 1.0 cm separation distance between the user's body and the back of the handset. The use of beltclips, holsters and similar accessories should not contain metallic components in its assembly.

The use of accessories that do not satisfy these requirements may not comply with FCC RF exposure requirements, and should be avoided. The FCC has granted an Equipment Authorization for this model handset with all reported SAR levels evaluated as in compliance with the FCC RF emission guidelines. SAR information on this model handset is on file with the FCC and can be found under the Display Grant section of http://www.fcc.gov/oet/ea/ after searching on FCC ID QIS602HW.

Additional information on Specific Absorption Rates (SAR) can be found on FCC Radio Frequency Safety website at https://www.fcc.gov/general/radio-frequency-safety-0.

The World Health Organization has stated that present scientific information does not indicate the need for any special precautions for the use of mobile devices. They note that if you want to reduce your exposure then you can do so by limiting the length of calls or using a hands-free device to keep the mobile phone away from the head and body.

-World Health Organization

http://www.who.int/emf

-List of Specific Absorption Rates (SAR) for radio waves by smartphone/3G model $\,$

http://www.softbank.jp/mobile/support/sar/ (Japanese)



ctivating	WLAN	(Wi-Fi)	Function	1
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