

601HW

User Guide

601HW User Guide Contents

Introduction

Introduction.....	3
-------------------	---

Getting Started

Parts & Functions.....	6
Home Screen.....	6
Notification for Setting Maximum Traffic.....	10
USIM Card.....	10
Inserting/Removing Battery.....	13
Charging Battery.....	14
Power On/Off.....	16

Connecting with WLAN

WLAN (Wi-Fi).....	20
Activating WLAN (Wi-Fi) Function.....	21
Connecting Windows PC.....	21
Connecting Mac.....	25
Connecting Android™ Device.....	26
Connecting iPhone/iPod touch/iPad.....	27
Connecting Nintendo 3DS LL/3DS.....	30
Connecting Wii U/Wii.....	32
Connecting PlayStation®Vita.....	34
Connecting PlayStation®4.....	35
Connecting PlayStation®3.....	37
Connecting WPS Supported WLAN Devices.....	39

Connecting with USB Cable (Windows)

Device Recognition/Removal on Windows PC.....	42
Installing/Uninstalling Driver (Windows PC).....	43

Connecting with USB Cable (Mac)

Device Recognition/Removal on Mac.....	46
Installing/Uninstalling Driver (Mac).....	46

Settings (Using Router Touch Menu)

Touch Menu.....	50
Quick Setup.....	50
Showing/Setting Data Usage.....	52
Setting Wi-Fi Spot.....	56
Confirming Notifications.....	58
Checking WLAN Connected Device Information.....	61
Setting Wi-Fi Name or Authorization Method.....	61
Using WPS.....	65
Using Power Save Setting.....	67
Other Settings.....	68
Checking Wi-Fi Router Information.....	79
Checking Help.....	80
Operation for Setting Maximum Traffic.....	81

Settings (Using WEB UI)

Overview of WEB UI.....	88
WEB UI Window on PC.....	91
Setting LAN Wi-Fi.....	93
Setting Mobile Network.....	106
Setting Wi-Fi Spot.....	120
Router Setting.....	127

System.....	151
Showing/Setting Data Usage.....	159
Confirming Information.....	166
Setting Software Update.....	171
Setting from Mobile Device.....	173
Setting LAN Wi-Fi (on Mobile).....	178
Setting Mobile Network (on Mobile).....	188
Showing/Setting Data Usage (on Mobile).....	190
Confirming Information (on Mobile).....	200
Checking Wi-Fi Router Information (on Mobile).....	205

Appendix

Troubleshooting.....	208
Specifications.....	211
Warranty & Service.....	213
Customer Service.....	214

Safety Precautions

Safety Precautions.....	216
General Notes.....	223
Specific Absorption Rate (SAR) Information for this Product.....	225

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.

- 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
Compatible Operating Systems	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)
	Windows 7 Professional (32-bit or 64-bit)
	Windows 7 Ultimate (32-bit or 64-bit)
	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 Pro (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)	
Memory Requirements	Windows Vista : 512 MB+ (1 GB+ recommended)
	Windows 7 : 1 GB+ (32-bit)/2 GB+ (64-bit)
	Windows 8 : 1 GB+ (32-bit)/2 GB+ (64-bit)
	Windows 8.1 : 1 GB+ (32-bit)/2 GB+ (64-bit)
	Windows 10: 1 GB+ (32-bit)/2 GB+ (64-bit)
Hard Disk Capacity	Mac OS X : 256 MB+ (512 MB+ recommended)
Hard Disk Capacity	200 MB+ recommended (100 MB+ free space needed) (Common to each OS)
Interface	USB3.0
Compatible Browser	Microsoft Internet Explorer 8.0 or later
	Microsoft Edge 20 or later
	Safari 6.0 or later
	Mozilla Firefox 24.0 or later
Compatible Browser	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 (HWDC1)
- 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 required.

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

1

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 Wi-Fi name (SSID A); WEP is set for Wi-Fi name (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.
- Note that connection speeds may drop or connections may be disabled depending on line traffic or connection environments.
- 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](#)."

Trademarks

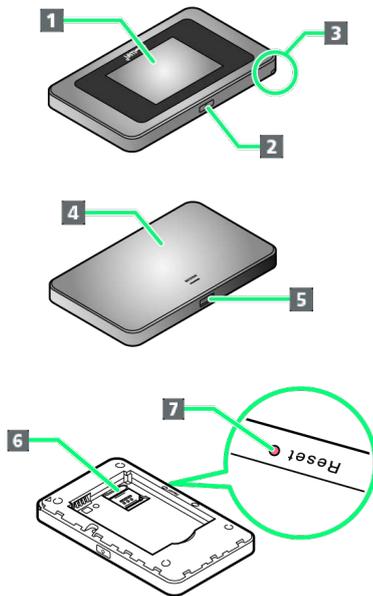
- SoftBank, SoftBank's equivalent in Japanese and the SOFTBANK logo are registered trademarks or trademarks of SoftBank Group Corp. in Japan and other countries.
- Pocket Wi-Fi is a registered trademark of SoftBank Corp.
- HUAWEI is a trademark or registered trademark of HUAWEI TECHNOLOGIES CO., LTD.
- Microsoft®, Windows®, Internet Explorer, Windows Vista® are trademarks or registered trademarks of Microsoft Corporation in the United States/other countries. Microsoft Windows Operating System is indicated in its abbreviated form as Windows.
- TM and © 2017 Apple Inc. All rights reserved.
- Apple, the Apple logo, iPad, iPhone, iPod, iPod touch, Mac, Macintosh, and Safari are trademarks of Apple Inc. registered in the United States and other countries.
- The trademark "iPhone" is used with a license from iPhone K.K.
- App Store is a service mark of Apple Inc.
- "PlayStation," "PS4," and "PS3" are registered trademarks or trademarks of Sony Interactive Entertainment Inc. "PlayStation 4," "PlayStation Vita," and "PlayStation 3" are products of the company.
- Wii, Wii U, Nintendo 3DS LL, and Nintendo 3DS are trademarks or registered trademarks of Nintendo.
- Wi-Fi®, WPA™, WPA2™, Wi-Fi Protected Setup™ and the logos are trademarks or registered trademarks of Wi-Fi Alliance.
- Google, Android, Google Chrome are trademarks or registered trademarks of Google Inc.
- Firefox is a trademark or registered trademark of Mozilla Foundation in the United States/other countries.
- Opera is a trademark or registered trademark of Opera Software ASA. Go to "<http://www.opera.com/>" for details on Opera.
- The names of the companies, products and services used in this guide are registered trademarks or trademarks of the respective companies.

Getting Started

Parts & Functions.....	6
Home Screen.....	6
Notification for Setting Maximum Traffic.....	10
USIM Card.....	10
Inserting/Removing Battery.....	13
Charging Battery.....	14
Power On/Off.....	16

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

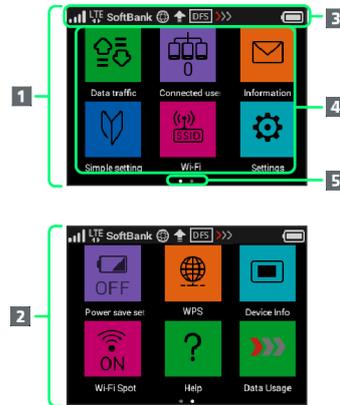
! Notes on Using Reset Button

Note the following for using Reset Button.

- Power on Wi-Fi router in advance.
- Be careful not to be injured when Pressing Reset Button.
- Do not Press Reset Button strongly. May cause damage.
- Do not use sharpened object. May cause damage.
- Using pen or pencil may make Reset Button dirty with ink etc.
- 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
	Mobile networks connected (signal strong)
	Mobile networks connected (signal weak)
	Out of service area
	Appears when roaming
	Wi-Fi spot connected (signal strong)
	Wi-Fi spot connected (signal weak)
	Name of currently connected network
	Name of currently connected network carrier
	Internet connected
	Internet unconnected
	New software update notice
	Software downloading
	Battery full
	Battery low
	Battery almost empty (charge battery)
	Charging
	Wi-Fi communication standard (2.4G/5G) / number of devices connected (appears in Lock Screen)
	Unread notification (appears in Lock Screen)
	Checking whether signal interfering with weather radar
	Notice of communication speed reduction
	Start of communication speed reduction
	Release communication speed reduction

1 Does not appear if automatic software update is set. For details, see "[Updating Software](#)."

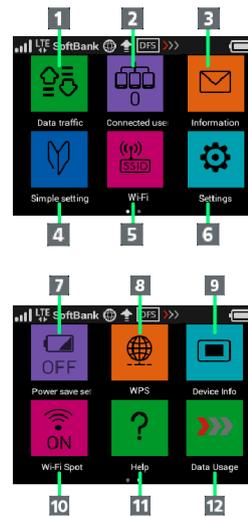
2 Appears if communication standard is set to 5 GHz.

3 Shown when the remaining data traffic to start speed reduction reaches a specified value.

4 Cleared at the beginning of next month. Also cleared in the settings of Wi-Fi router. For details, see "[Clearing Notifications for Maximum Traffic](#)."

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

12 Data Usage

Appears when data traffic approaches the value at which communication speed reduction starts, or once a communication speed reduction has started. You can apply to return to normal speed, apply ahead to keep normal speed or cancel application

- 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  on the settings window or notification window to go back to the previous window and Tap  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](#)."

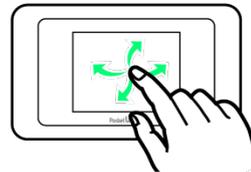
Using Touchscreen

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

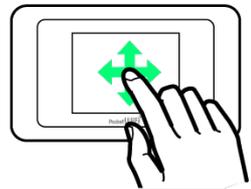
- Tap
Contact Display lightly and briefly.



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

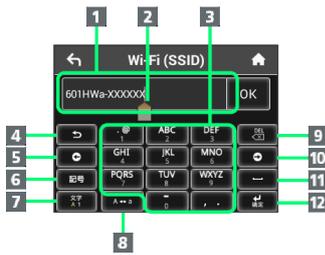


- Drag
Touch item lightly, then move item where desired.



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 three times.

To go back to the previous character assigned to the same key, Tap .

- 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 → Tap once.

To toggle uppercase and lowercase for entered character, Tap .

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

Notification for Setting Maximum Traffic

Notification for Setting Maximum Traffic

Communication speed is reduced due to data traffic volume. Information, pop-up screen or notification icon at notification or start of speed reduction appears.

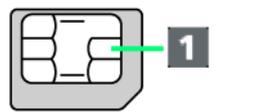
Condition	Description
Notice of speed reduction	Notification is sent and  or pop-up screen is shown when data traffic approaches the value at which communication speed reduction starts
Start of speed reduction	Notification is sent and  or pop-up screen is shown when data traffic reaches the specified value and communication speed reduction has started
Release of speed reduction	Notification is sent and  is shown when communication speed reduction is released by your application

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.
- 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.

1

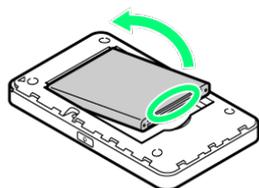
Remove Battery Cover



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

2

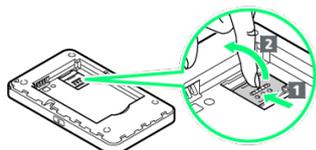
Remove Battery



- Use tab (○) to slowly lift up as shown.

3

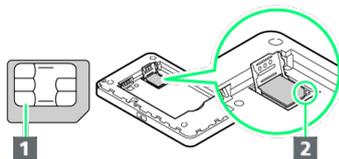
Open USIM Card Stopper



- Slide USIM Card Stopper to **1**, then lift up to **2**.

4

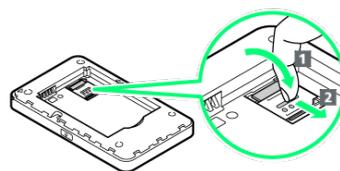
Install USIM Card



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

5

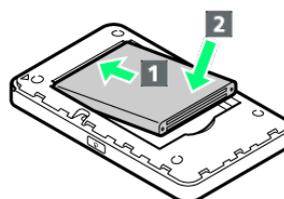
Close USIM Card Stopper



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

6

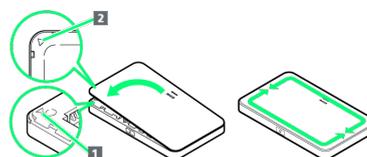
Insert Battery



- 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



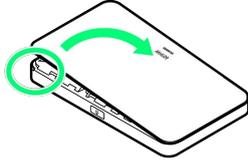
- Check the positions of △ marks on Wi-Fi router **1** and the back of Battery Cover **2** and firmly press around the edge of Battery Cover to fit it to Wi-Fi router.
- Hold and slide on the edge of Battery Cover to check there are no gaps.

Removing USIM Card

Power off Wi-Fi router in advance.

1

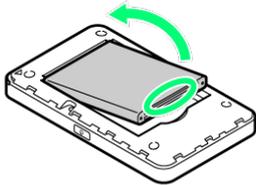
Remove Battery Cover



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

2

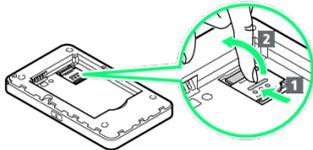
Remove Battery



- Use tab (○) to slowly lift up as shown.

3

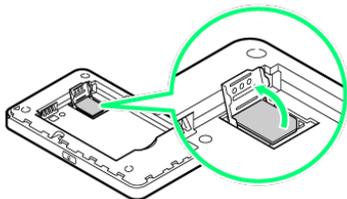
Open USIM Card Stopper



- Slide USIM Card Stopper to **1**, then lift up to **2**.

4

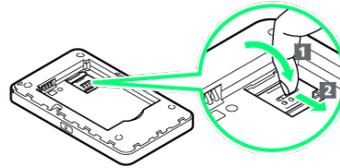
Remove USIM Card



- Remove USIM Card not to touch IC chip.

5

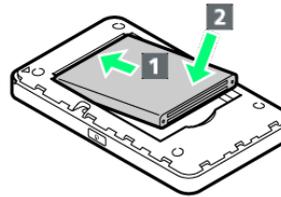
Close USIM Card Stopper



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

6

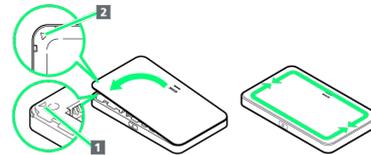
Insert Battery



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

Inserting/Removing Battery

Inserting Battery

1

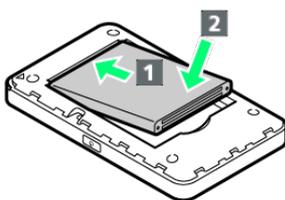
Remove Battery Cover



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

2

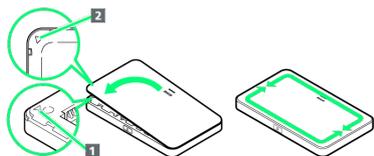
Insert Battery



- 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**.

3

Close Battery Cover



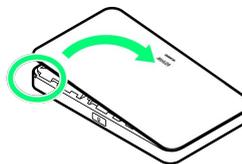
- Check the positions of △ marks on Wi-Fi router **1** and the back of Battery Cover **2** and firmly press around the edge of Battery Cover to fit it to Wi-Fi router.
- Hold and slide on the edge of Battery Cover to check there are no gaps.

Removing Battery

Power off Wi-Fi router in advance.

1

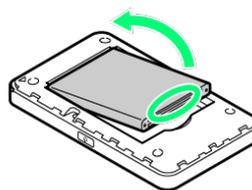
Remove Battery Cover



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

2

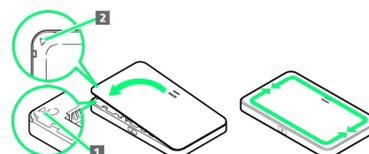
Remove Battery



- Use tab (○) to slowly lift up as shown.

3

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

Wi-Fi Name and Password (Security Key)

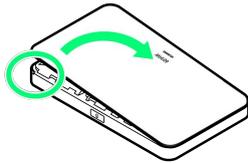
Remove Battery and check Wi-Fi name (Network Name) and password (Security Key: WPA Key or WEP Key).

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.

1

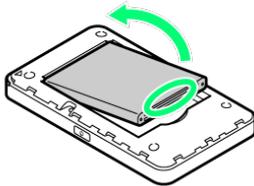
Remove Battery Cover



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

2

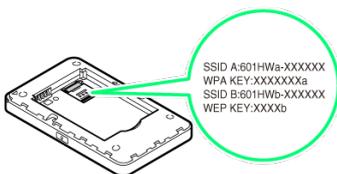
Remove Battery



- Use tab (○) to slowly lift up as shown.

3

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.

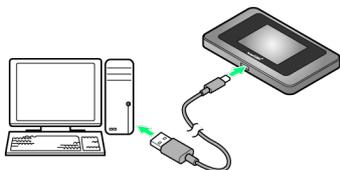
Using USB (Computer)

Use supplied USB Cable.

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

1

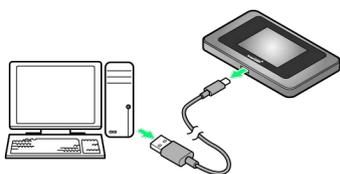
Insert USB Cable (Type-C plug) into External Device Port and USB Cable (USB plug) to a computer



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

2

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.

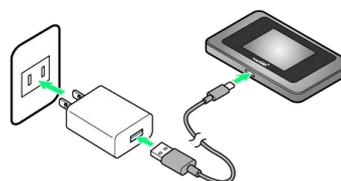
Product name: AC Charger (with USB Type-C Quick Charge 3.0 capability) [ZSCAZX]

(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).
- See AC Charger (sold separately) user guide.

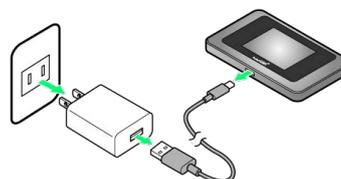
1

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



2

When complete, unplug AC Charger



- 🔍 Check battery level on Display.

Power On/Off

Power On

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

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  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](#)."
- 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

1 (Press & Hold)**2**

Power off

 Power is off.

Connecting with WLAN

WLAN (Wi-Fi).....	20
Activating WLAN (Wi-Fi) Function.....	21
Connecting Windows PC.....	21
Connecting Mac.....	25
Connecting Android™ Device.....	26
Connecting iPhone/iPod touch/iPad.....	27
Connecting Nintendo 3DS LL/3DS.....	30
Connecting Wii U/Wii.....	32
Connecting PlayStation®Vita.....	34
Connecting PlayStation®4.....	35
Connecting PlayStation®3.....	37
Connecting WPS Supported WLAN Devices.....	39

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, game console, 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

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.
- 3G connection is available for overseas use only.

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 "601HWa-" or "601HWb-."

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

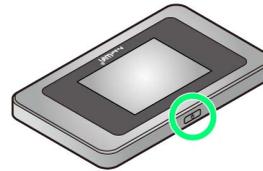
Do not connect to other neighboring WLAN network.

Windows 10

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

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

Activate PC WLAN function

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

3

In task tray, click 

 "Network settings" appears.

4

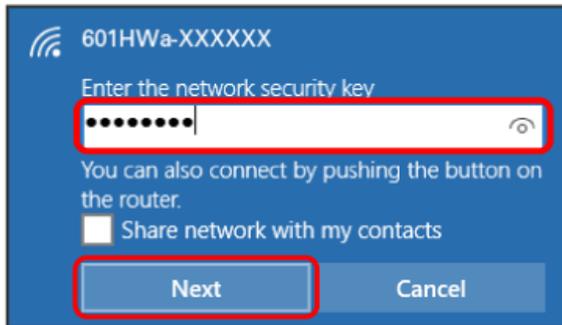
Select Wi-Fi router's Wi-Fi name → **Connect**



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

5

Enter password (Security Key) → **Next**



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

· 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.

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

Activate PC WLAN function

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

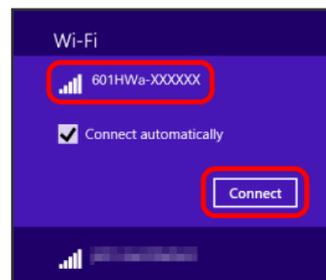
3

Move pointer to upper right or lower right (for touchscreen, swipe from right end) → In charms,  → 



4

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



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

5

Enter password (Security Key) → Next



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

- 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 7.

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.

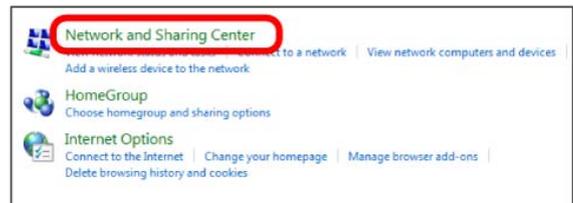
2

Activate PC WLAN function

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

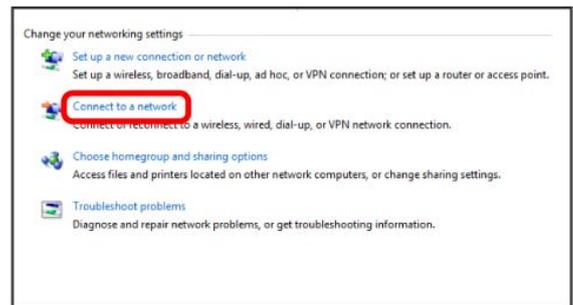
3

Start → Control Panel → Network and Internet → Network and Sharing Center



4

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) → **OK**



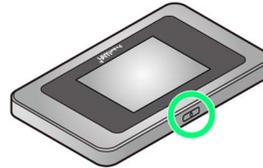
 WLAN connection counter number on Display increases by one (e.g.  → ).

Windows Vista

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

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.

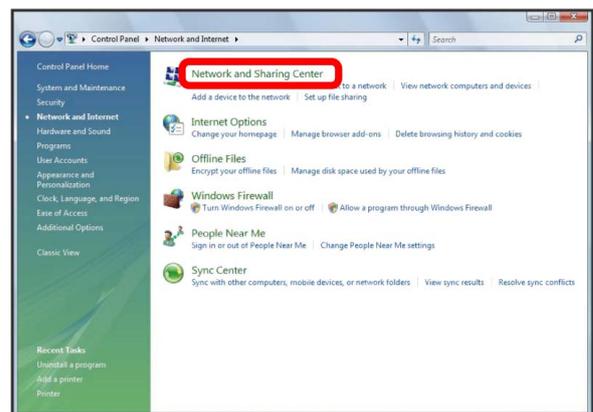
2

Activate PC WLAN function

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

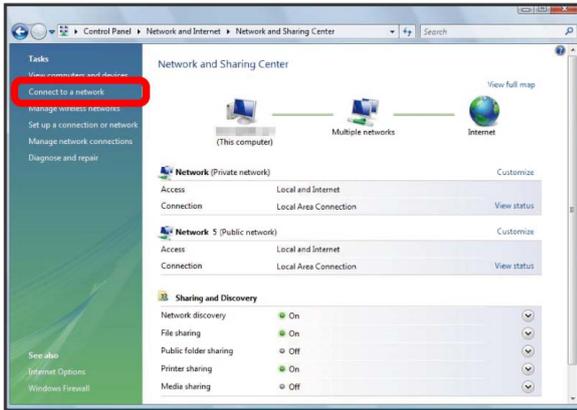
3

Start → **Control Panel** → **Network and Internet** → **Network and Sharing Center**



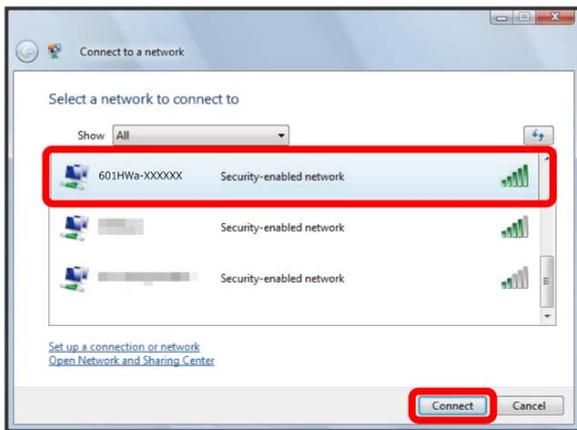
4

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

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

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 alphanumeric with a leading "601Hwa-" or "601HWb-."

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

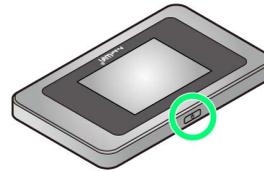
Do not connect to other neighboring WLAN network.

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

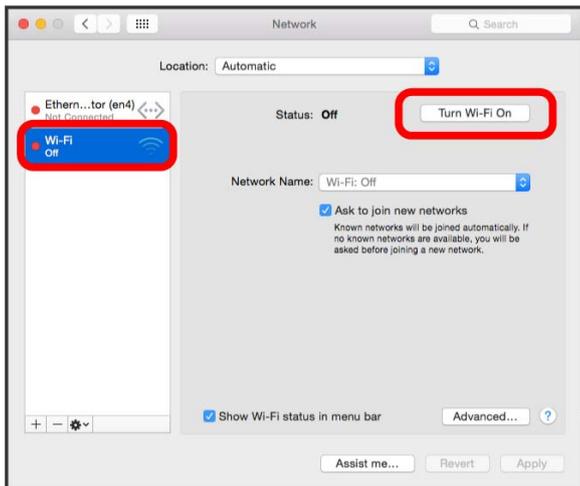
2

In Apple menu, System Preferences → Network



3

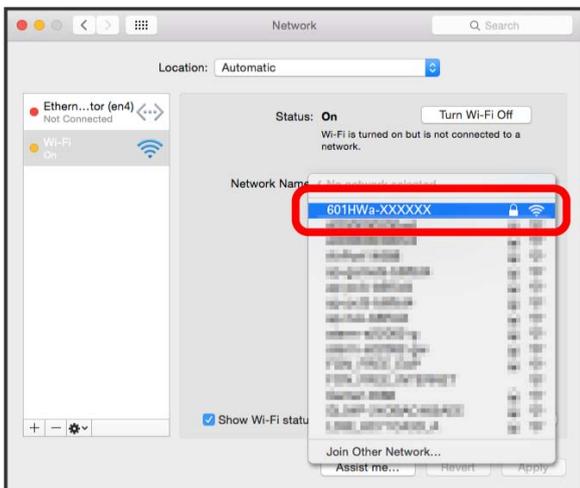
Wi-Fi → Turn Wi-Fi On



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" → Click "Remember this network" → 



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

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 "601HWa-" or "601HWb-."

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,  → 

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.

5

Enter password (Security Key) in "Password" → **Connect**

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

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 "601HWa-" or "601HWb-."

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

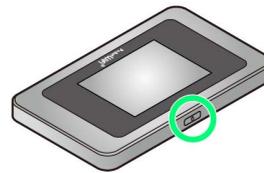
Do not connect to other neighboring WLAN network.

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.

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

Settings → **Wi-Fi**



3

Enable Wi-Fi



WLAN function on iPhone/iPod touch is enabled.

4

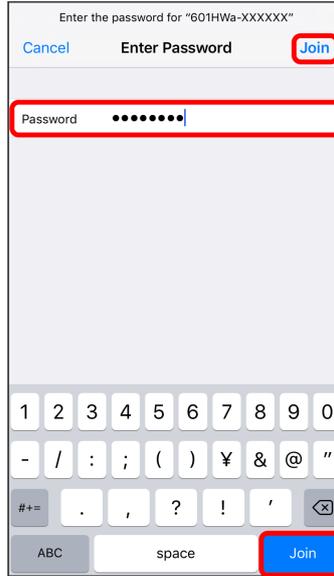
In "CHOOSE A NETWORK..." list, Tap Wi-Fi router's Wi-Fi name



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

5

Enter password (Security Key) in "Password"  



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

iPad

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

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

Settings  Wi-Fi



3

Enable Wi-Fi



 WLAN function on iPad is enabled.

4

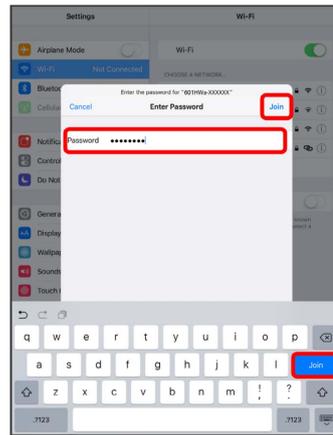
In "CHOOSE A NETWORK..." list, Tap Wi-Fi router's Wi-Fi name



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 Nintendo 3DS LL/3DS

Connect Nintendo 3DS LL/3DS to Wi-Fi router to connect to Internet.

Method of connection in this guide is confirmed and described by HUAWEI TECHNOLOGIES CO., LTD. Please refrain from contacting Nintendo Co., Ltd. regarding these descriptions.

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

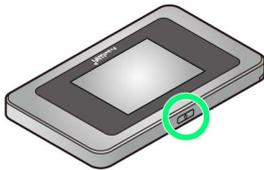
For Wi-Fi name and password (Security Key), see "[Wi-Fi Name and Password \(Security Key\)](#)." If they are changed, use set Wi-Fi name and password (Security Key). Default Wi-Fi name is shown in alphanumeric with a leading "601HWa-" or "601HWb-." Do not connect to other neighboring WLAN network.

Nintendo 3DS LL/3DS

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to Nintendo 3DS LL/3DS 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

In Nintendo 3DS menu,    

 Internet settings appear.

3

インターネット接続設定



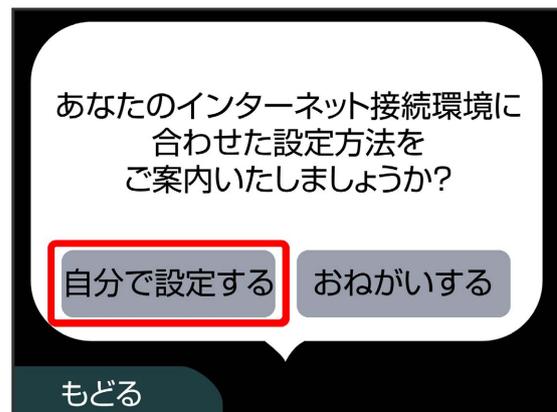
4

接続先の登録



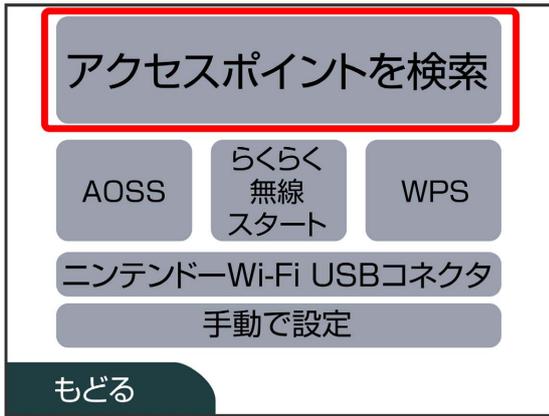
5

自分で設定する



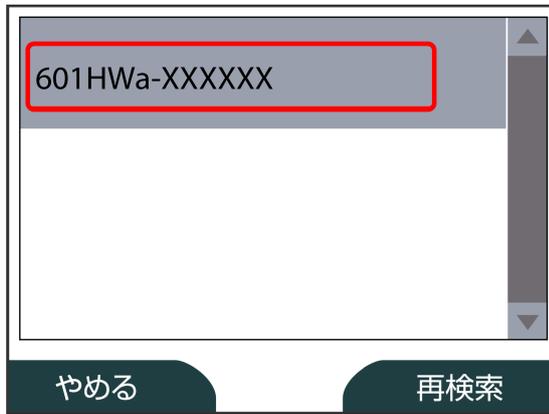
6

アクセスポイントを検索



7

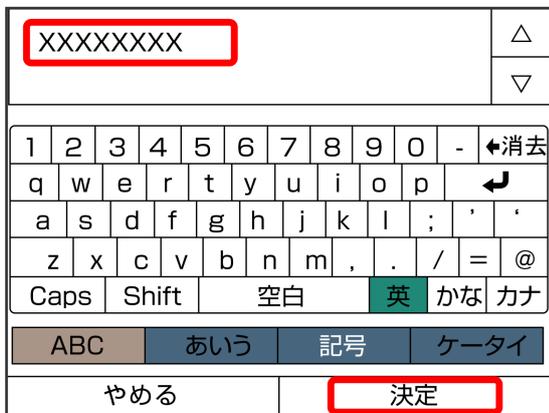
In list, touch Wi-Fi router's Wi-Fi name



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

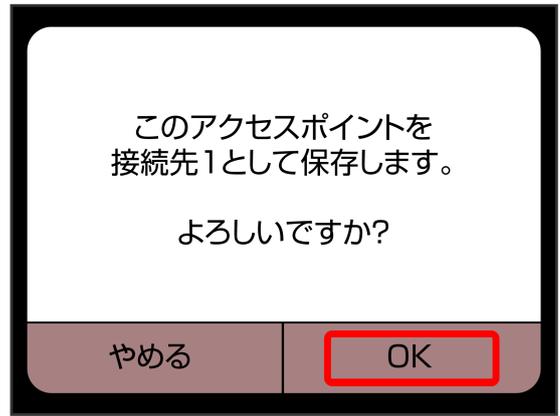
8

Enter password (Security Key)  



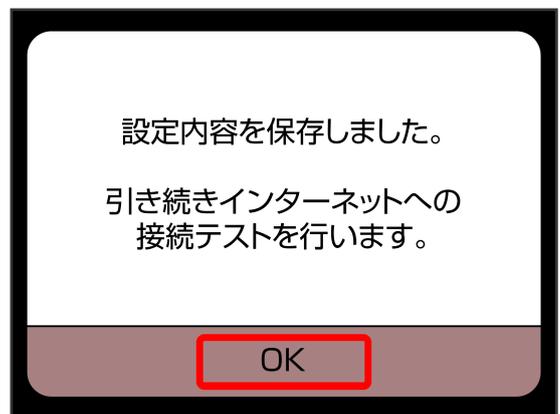
9

OK



10

OK



 Connection test starts. When "接続テストに成功しました!" appears, touch "OK" to complete. WLAN connection count number on Display increases by one (e.g.   ).

Connecting Wii U/Wii

Connect Wii U/Wii to connect to Internet.

Method of connection in this guide is confirmed and described by HUAWEI TECHNOLOGIES CO., LTD. Please refrain from contacting Nintendo Co., Ltd. regarding these descriptions.

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

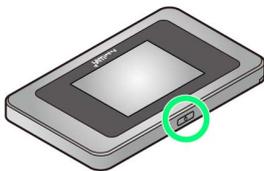
For Wi-Fi name and password (Security Key), see "[Wi-Fi Name and Password \(Security Key\)](#)." If they are changed, use set Wi-Fi name and password (Security Key). Default Wi-Fi name is shown in alphanumerics with a leading "601HWa-" or "601HWb-." Do not connect to other neighboring WLAN network.

Wii U

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to Wii U 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

In Wii U menu, 

3



4



 Searching access points starts.

5

In list, select Wi-Fi router's Wi-Fi name

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

6

Enter password (Security Key)  

 Connection test starts. When "接続テストに成功しました。" appears, setting is complete. WLAN connection count number on Display increases by one (e.g.   ).

7



 Saving of settings starts.

- If confirmation displays for setting access point as the normally used access point, set as necessary.
- If confirmation displays for updating the Wii U unit, update the unit as necessary. See the Nintendo website for details and operation.

Wii

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to Wii 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

In Wii menu, 

3

 Wii本体設定

4

Select direction key "▷" to show "Wii本体設定2" window,

 インターネット

5

 接続設定

6

Select any one of  未設定

7

 Wi-Fi接続

8

 アクセスポイントを検索

9

In list, touch Wi-Fi router's Wi-Fi name

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

10

Enter password (Security Key)  

11



 Saving of settings starts.

12



 Connection test starts. When "接続テストに成功しました。" appears, setting is complete. WLAN connection count number on Display increases by one (e.g.   ).

Connecting PlayStation®Vita

Connect PS Vita to connect to the Internet.

Method of connection for PlayStation®Vita in this guide is confirmed and described by HUAWEI TECHNOLOGIES CO., LTD. Please refrain from contacting Sony Interactive Entertainment Inc. regarding these descriptions.

! 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 \(Security Key\)](#)." If they are changed, use set Wi-Fi name and password (Security Key). Default Wi-Fi name is shown in alphanumeric with a leading "601HWa-" or "601HWb-." Do not connect to other neighboring WLAN network.

PlayStation®Vita

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to PS Vita 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

In PS Vita Home menu,  



3

Network



4

Wi-Fi Settings



5

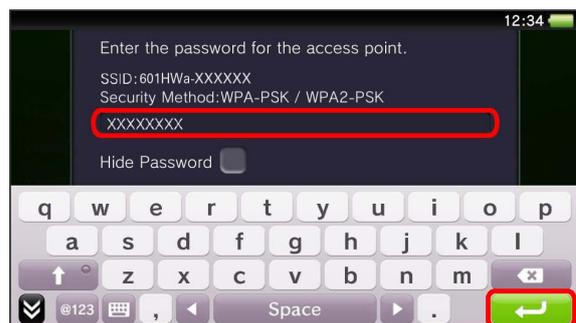
In list, touch Wi-Fi router's SSID



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

6

Enter password (Security Key)  



7

OK



Setting is complete. Wi-Fi settings window appears. WLAN connection count number on Display increases by one (e.g.).

Connecting PlayStation®4

Connect PS4® to connect to the Internet.
Method of connection for PlayStation®4 in this guide is confirmed and described by HUAWEI TECHNOLOGIES CO., LTD. Please refrain from contacting Sony Interactive Entertainment Inc. regarding these descriptions.

! 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)." If they are changed, use set Wi-Fi name and password (Security Key). Default Wi-Fi name is shown in alphanumerics with a leading "601HWa-" or "601HWb-." Do not connect to other neighboring WLAN network.

PlayStation®4

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to PS4® user guide.

1

(Press & Hold)

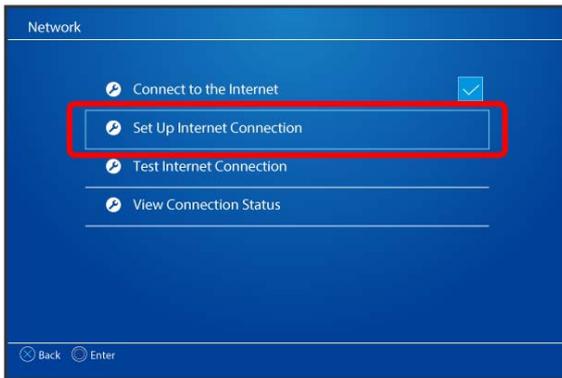


Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

- 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.

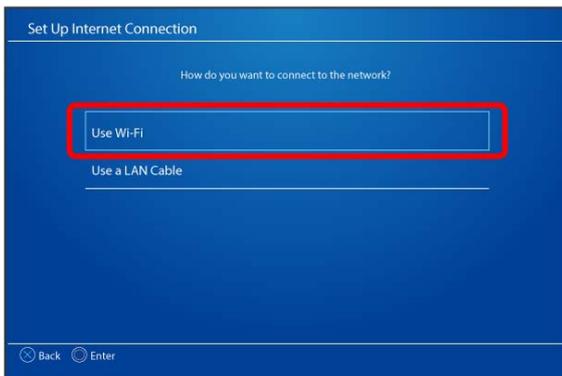
2

In PS4® Home menu, **Settings** → **Network** → **Set Up Internet Connection** → Press **Enter** button



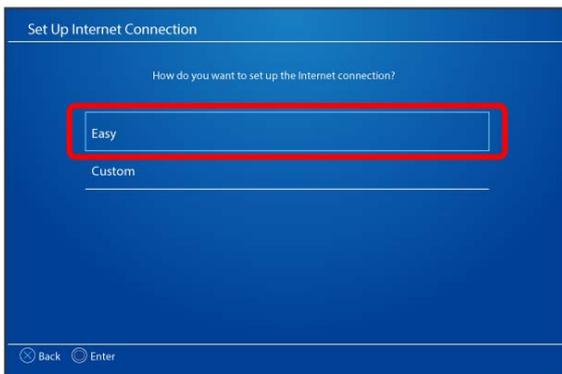
3

Use Wi-Fi → Press **Enter** button



4

Easy → Press **Enter** button



5

In list, select Wi-Fi router's Wi-Fi name → Press **Enter** button

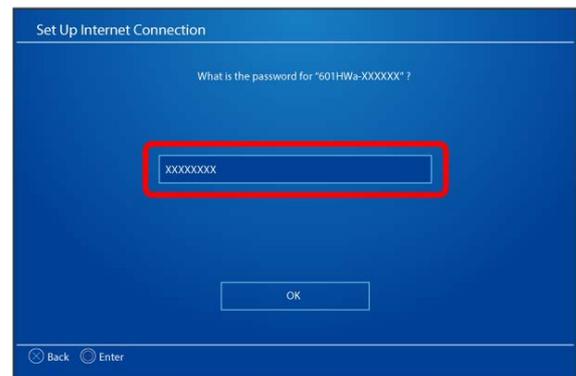


· When Wi-Fi name is not shown, press **Power** to exit Sleep mode.

6

Enter password (Security Key) → **Done** → **OK** →

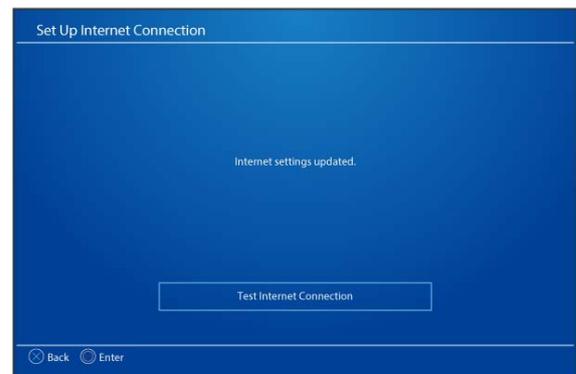
Press **Enter** button



Saving of settings starts.

7

Test Internet Connection → Press **Enter** button



Connection diagnosis starts. When complete, diagnosis results appear. WLAN connection count number on Display increases by one (e.g. →).

Connecting PlayStation®3

Connect PS3® to connect to the Internet.

Method of connection for PlayStation®3 in this guide is confirmed and described by HUAWEI TECHNOLOGIES CO., LTD. Please refrain from contacting Sony Interactive Entertainment Inc. regarding these descriptions.

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

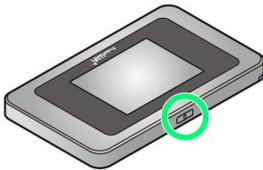
For Wi-Fi name and password (Security Key), see "[Wi-Fi Name and Password \(Security Key\)](#)." If they are changed, use set Wi-Fi name and password (Security Key). Default Wi-Fi name is shown in alphanumerics with a leading "601HWa-" or "601HWb-." Do not connect to other neighboring WLAN network.

PlayStation®3

This section describes setup operations with screenshots and steps for "Wi-Fi (SSID A)" at "WPA" security setting. Some operations and screenshots vary by security method. For details, refer to PS3® user guide.

1

 (Press & Hold)

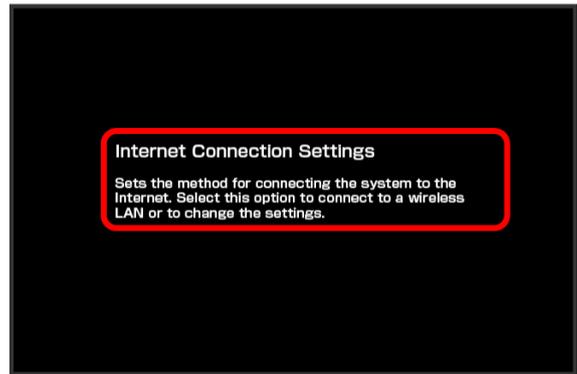


 Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

- 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.

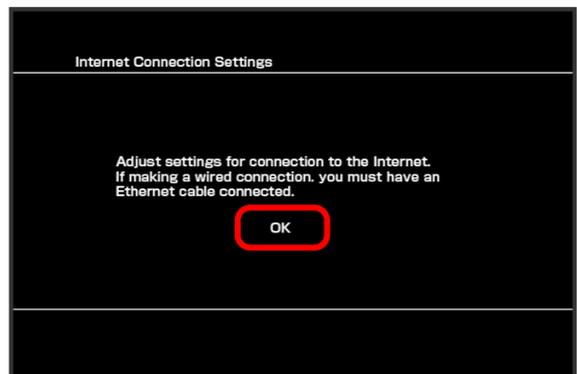
2

In PS3® Home menu,   



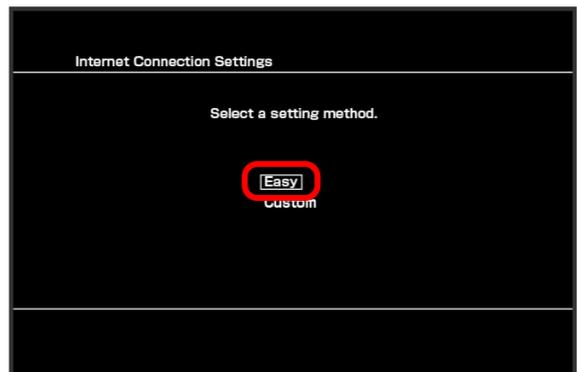
3

  Press  button



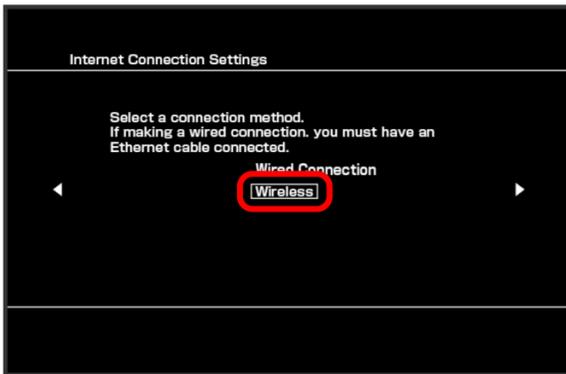
4

  Press direction key "  "



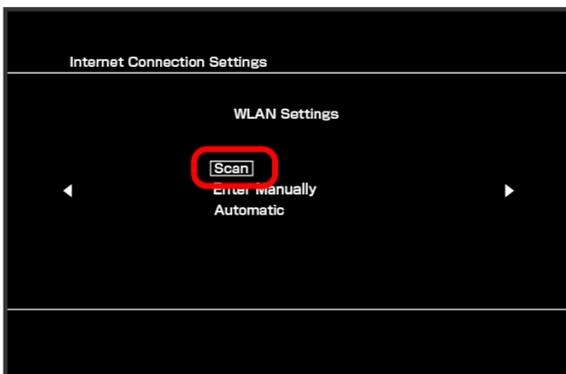
5

Wireless → Press direction key " ▷ "

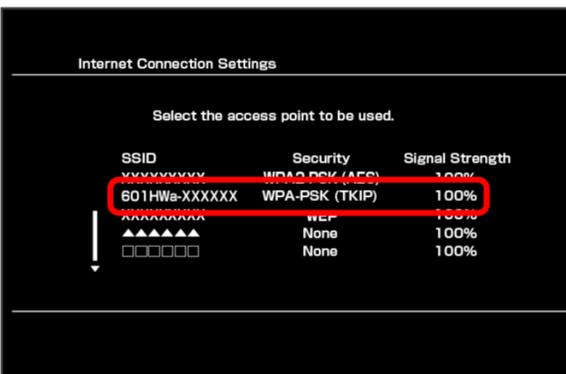


6

Scan → Press direction key " ▷ "



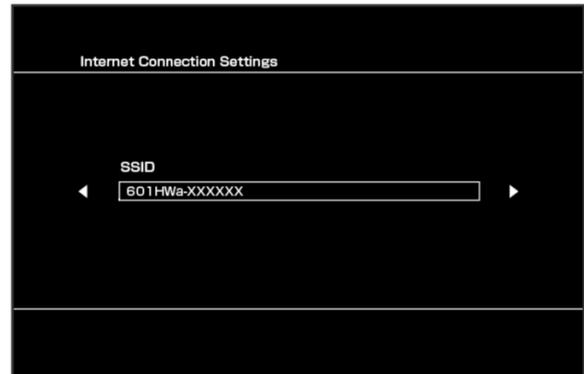
7

In list, select Wi-Fi router's Wi-Fi name → Press  button

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

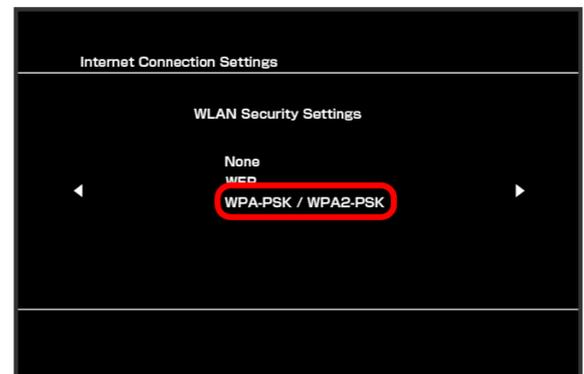
8

Confirm SSID → Press direction key " ▷ "

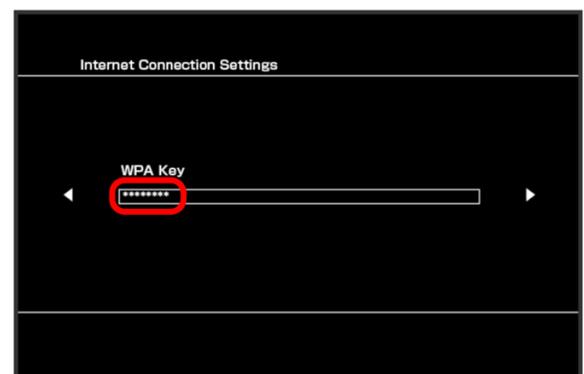


9

WPA-PSK / WPA2-PSK → Press direction key " ▷ "

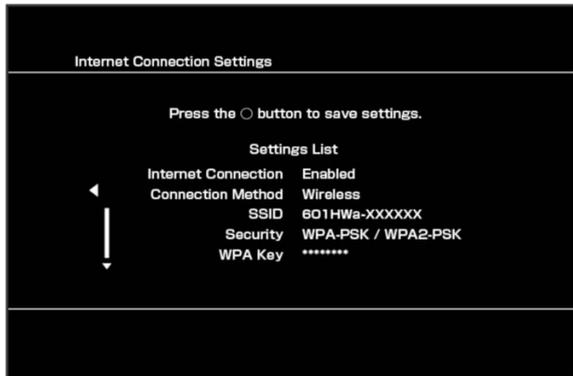


10

Press  button → Enter password (Security Key) → Press direction key " ▷ "

11

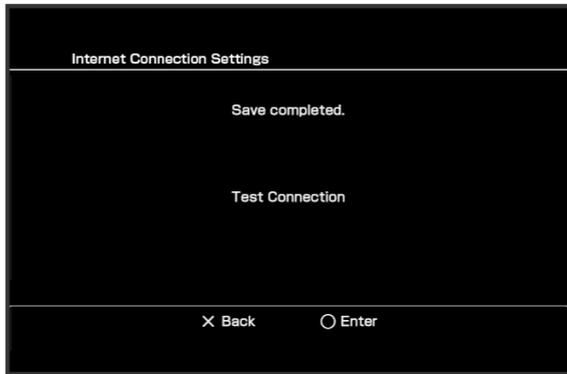
Confirm the setting list → Press  button



 Saving of settings starts.

12

Test Connection → Press  button



 Connection test starts. When complete, test results appear. WLAN connection count 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."

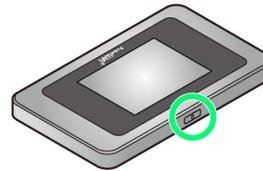
Encryption

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

Connecting WPS Supported WLAN Devices

1

 (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

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

- 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.

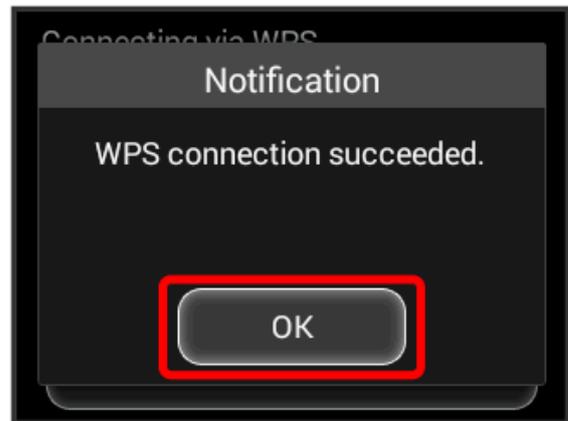
5

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



6

OK



· When "WPS connection failed." appears, Tap , then retry.

7

To make other settings on WLAN device, follow the onscreen instructions

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

Connecting with USB Cable (Windows)

Device Recognition/Removal on Windows PC.....	42
Installing/Uninstalling Driver (Windows PC).....	43

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)

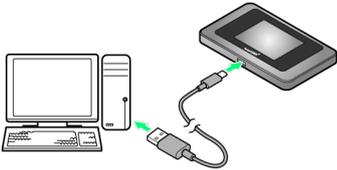
Upon connecting the first time, the device driver is installed automatically.

1

Power on PC

2

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)

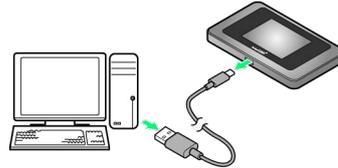
· When using a PC, check that data uploading/downloading is completed before removing Wi-Fi router.

1

Check that data uploading/downloading is completed.

2

Remove Wi-Fi router from PC



 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.

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

1

Start menu → Activate File Explorer

2

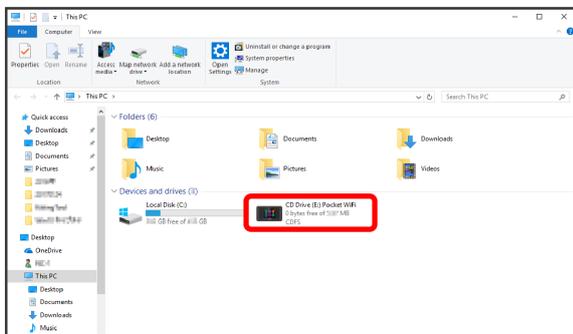
This PC

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

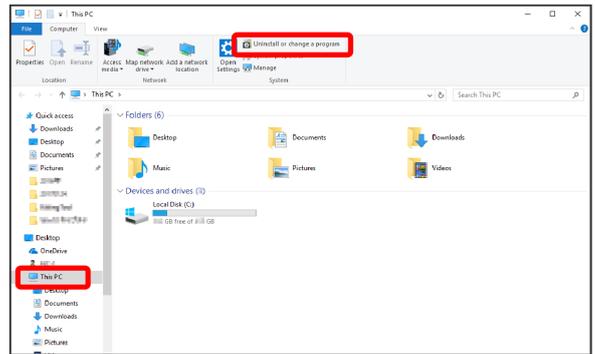
Screenshots/operations are based on Windows 10.

1

Start menu → Activate File Explorer

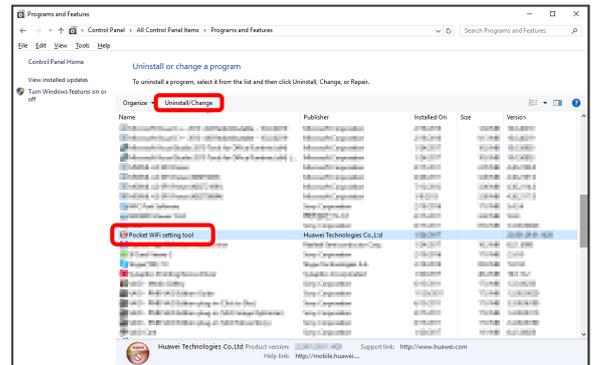
2

This PC → Uninstall or change a program



3

In list, Pocket WiFi setting tool → Uninstall/Change



Uninstallation starts.

Windows 8.1/Windows 7

Windows 8.1

Operate as follows.

Activate File Explorer → Computer → Uninstall or change a program → Pocket WiFi setting tool → Uninstall/Change → In "User Account Control," Uninstall

Uninstallation starts.

Windows 7

Operate as follows.

Start menu → Control Panel → Programs →
Programs and Features → Pocket WiFi setting tool
→ Uninstall/Change → In "User Account Control,"
Uninstall

 Uninstallation starts.

Connecting with USB Cable (Mac)

Device Recognition/Removal on Mac.....	46
Installing/Uninstalling Driver (Mac).....	46

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.

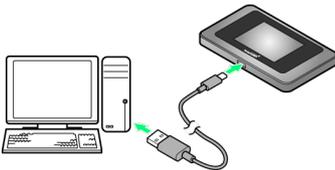
Device Recognition (Mac)

1

Power on Mac

2

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.

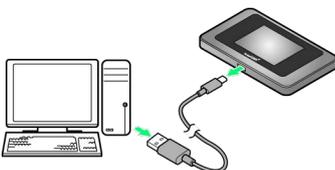
Device Removal (Mac)

1

Check that data uploading/downloading is completed

2

Remove Wi-Fi router from Mac



Device removal is complete.

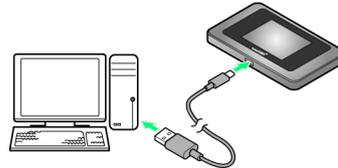
Installing/Uninstalling Driver (Mac)

Driver Installation (Mac)

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

1

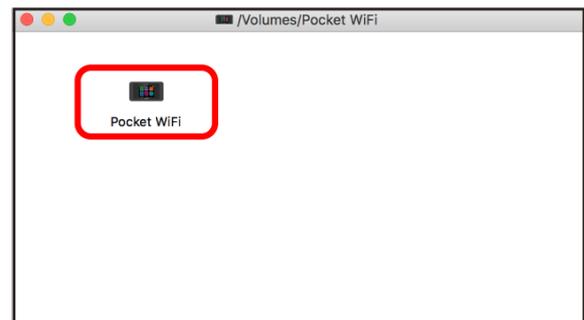
Connect Wi-Fi router to Mac



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

2

Double-click **Pocket WiFi**



"Install Pocket WiFi" appears on desktop.

3

Enter user name and password → **OK**

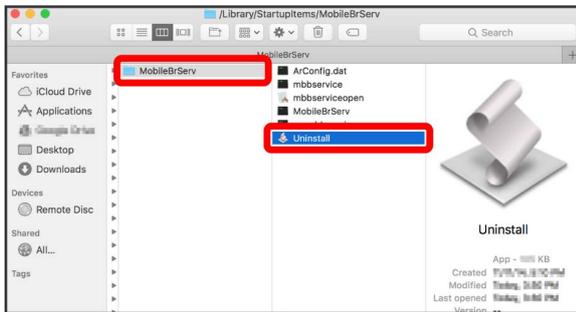


Installation is complete.

Uninstalling Driver (Mac)

1

In Macintosh HD, **Library** → **StartupItems** → **MobileBrServ** → **Double-click** **Uninstall**

**2**

Enter user name and password → **OK**



🏁 Uninstallation is complete.

Settings (Using Router Touch Menu)

Touch Menu.....	50
Quick Setup.....	50
Showing/Setting Data Usage.....	52
Setting Wi-Fi Spot.....	56
Confirming Notifications.....	58
Checking WLAN Connected Device Information.....	61
Setting Wi-Fi Name or Authorization Method.....	61
Using WPS.....	65
Using Power Save Setting.....	67
Other Settings.....	68
Checking Wi-Fi Router Information.....	79
Checking Help.....	80
Operation for Setting Maximum Traffic.....	81

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

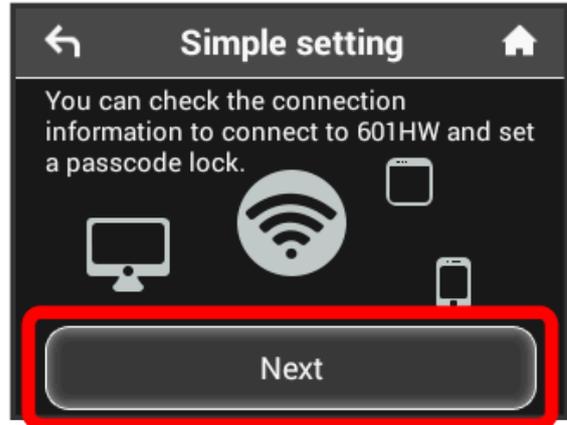
1

Simple setting



2

Next



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

3

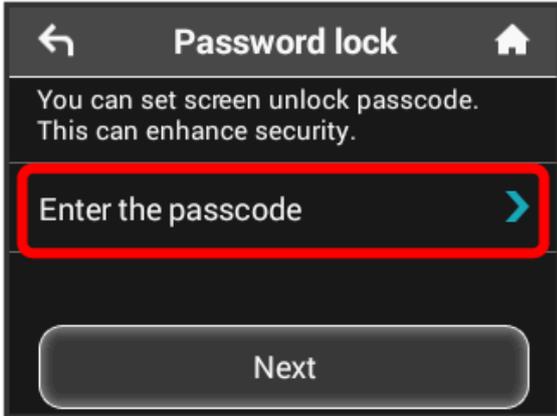
Next



- 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 Nintendo 3DS LL/3DS](#)," "[Connecting Wii U/Wii](#)," "[Connecting PlayStation®Vita](#)," "[Connecting PlayStation®4](#)," "[Connecting PlayStation®3](#)," "[Connecting WPS Supported WLAN Devices](#)."

4

To set Pass Code for screen unlock, Enter the passcode



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

5

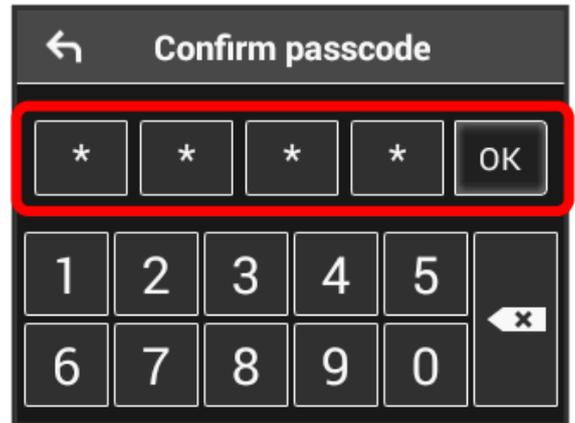
Enter four-digit Pass Code OK



- 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

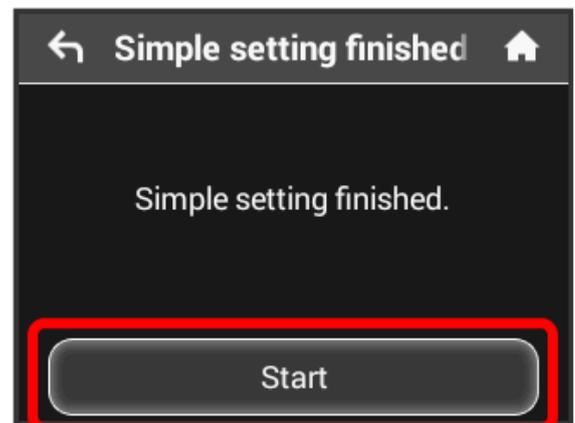
Re-enter four-digit Pass Code OK



- 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



- Home Screen appears. Simple setting is complete.

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.

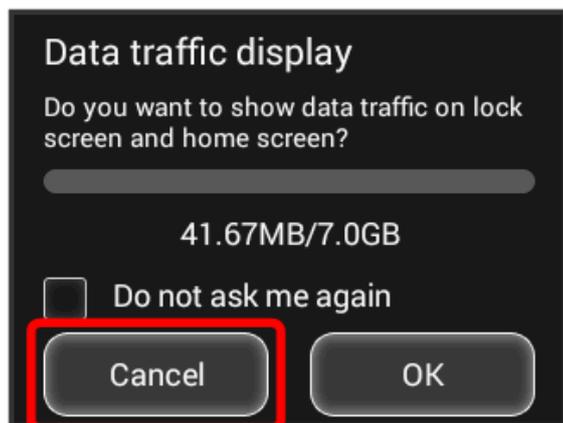
1

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.

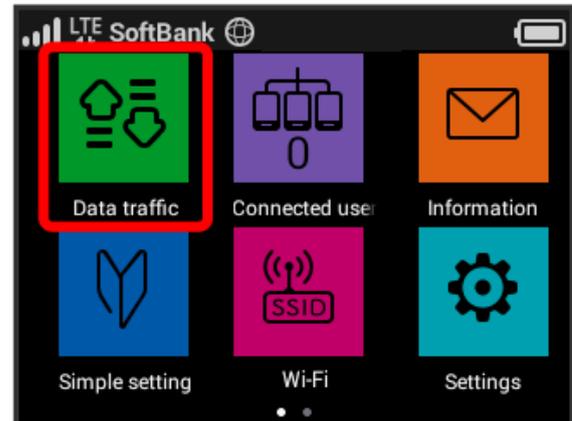
· Tap **OK** for the setting to show data traffic volume on Home Screen or Lock Screen. For settings, see "[Showing Data Traffic on Home Screen and Lock Screen](#)."

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.

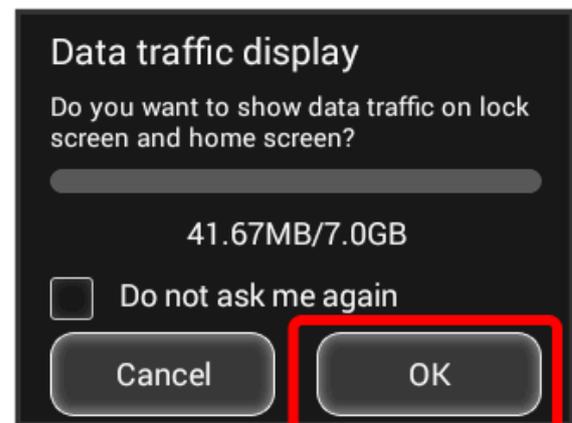
1

Data traffic



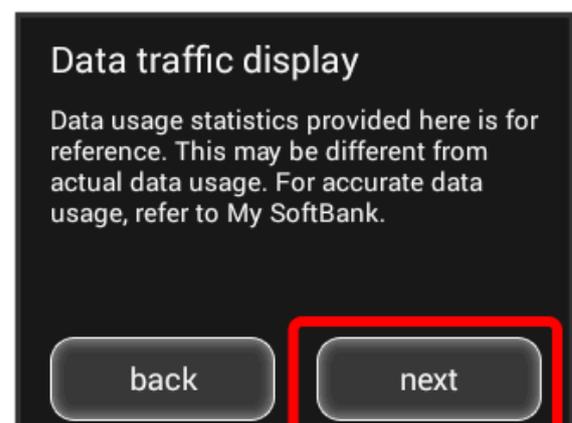
2

OK



3

next



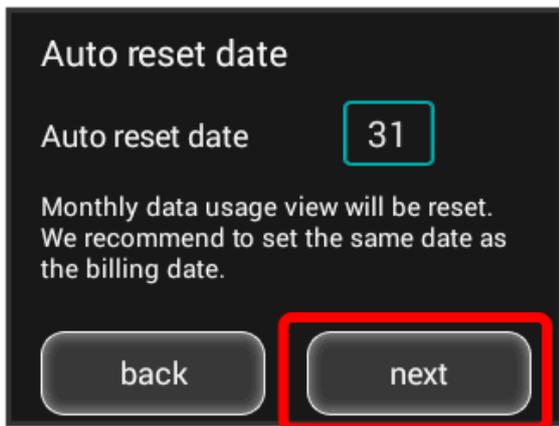
4

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 three-digit numbers with decimal places rounded off.

+ Disable Showing/Change Showing Period

Data traffic → Data traffic settings → Month →
Do not show / Monthly / Daily

Settings are modified.

- When "Monthly" is selected, accumulated data traffic volume at the moment from start of use or reset is shown (bar icon) on Home screen). And when "Daily" is selected, the data traffic in the day is shown numerically.

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.

1

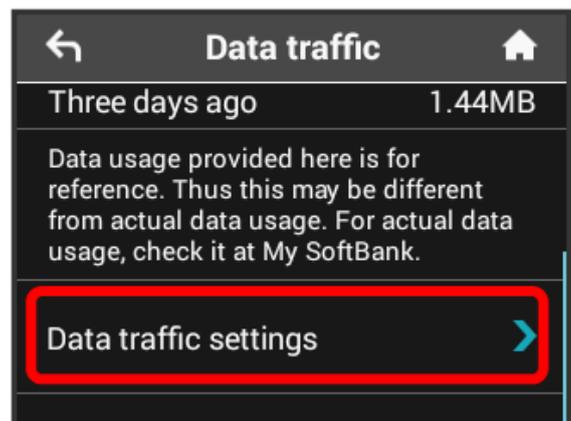
Data traffic



- If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap Cancel.

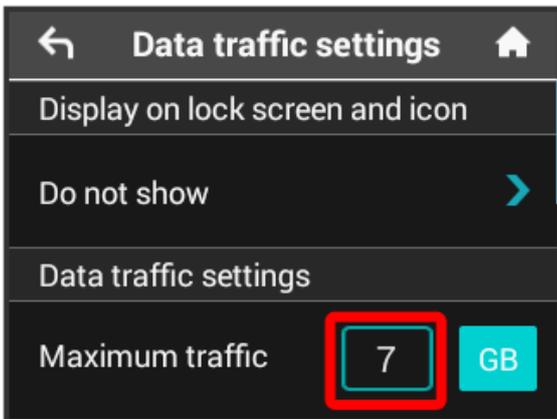
2

Data traffic settings



3

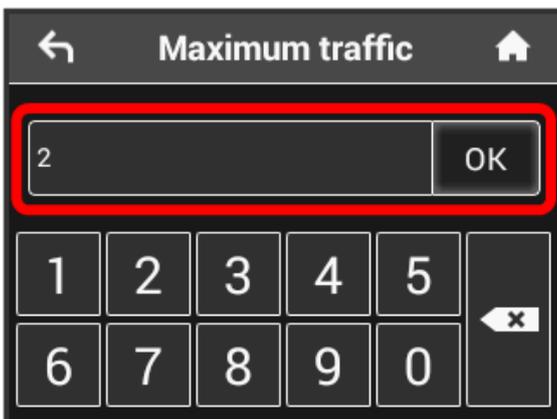
Tap number in "Maximum traffic"



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

4

Enter number for maximum traffic → **OK**



Maximum traffic is set.

· 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.

1

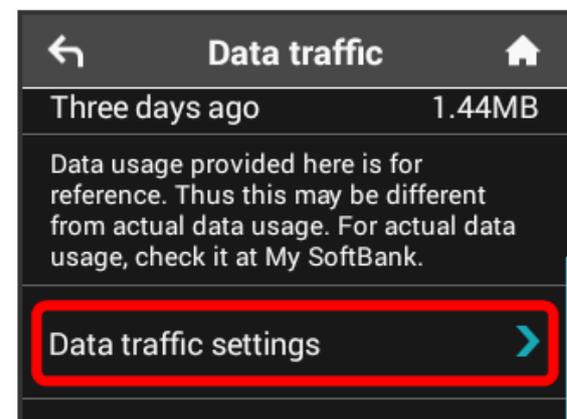
Data traffic



· If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap **Cancel**.

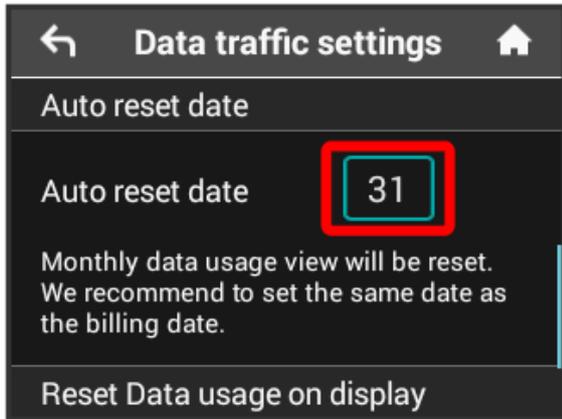
2

Data traffic settings



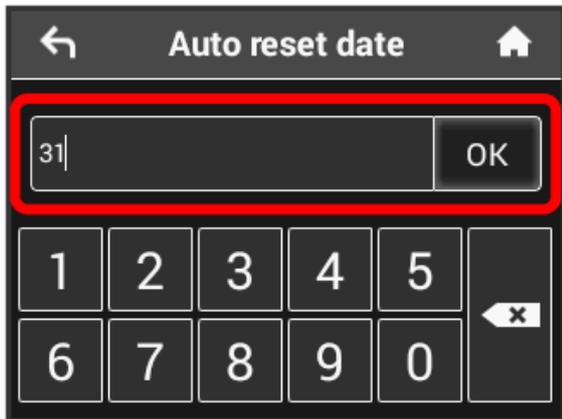
3

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.
- 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

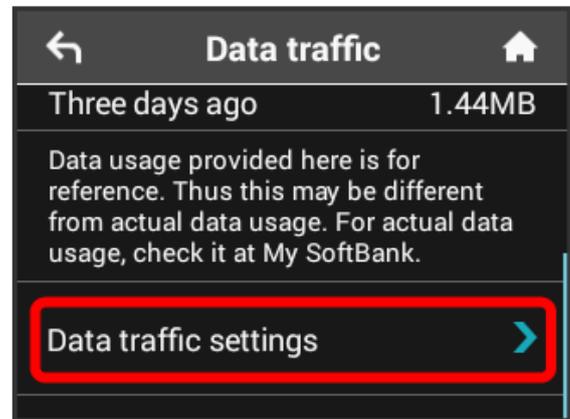
Data traffic



· If confirmation for showing data traffic volume on Home screen and Lock screen appears, tap **Cancel**.

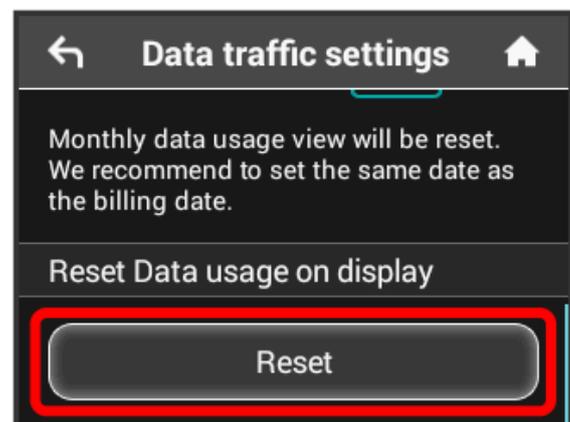
2

Data traffic settings



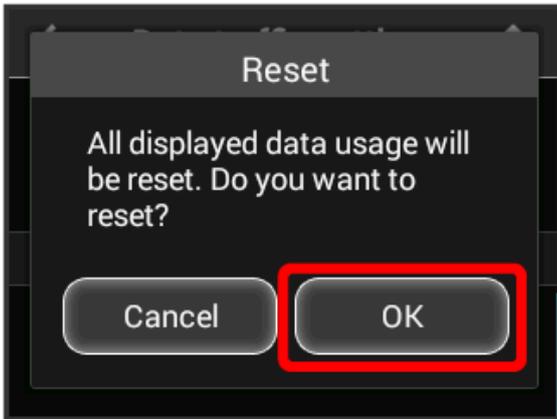
3

Reset



4

OK



 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.

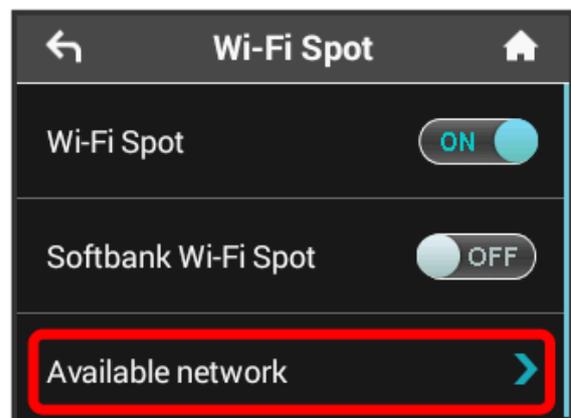
1

Wi-Fi Spot



2

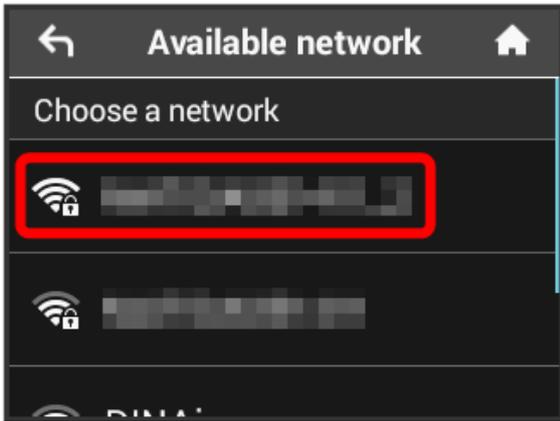
Available network



- 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

Wi-Fi Spot → Available network → Add network
 → Enter Wi-Fi name → OK → Select authorization
 → OK → Enter password (Security Key) → OK

Wi-Fi router connects to the entered Wi-Fi name device.

Setting Up SoftBank Wi-Fi Spot

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

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

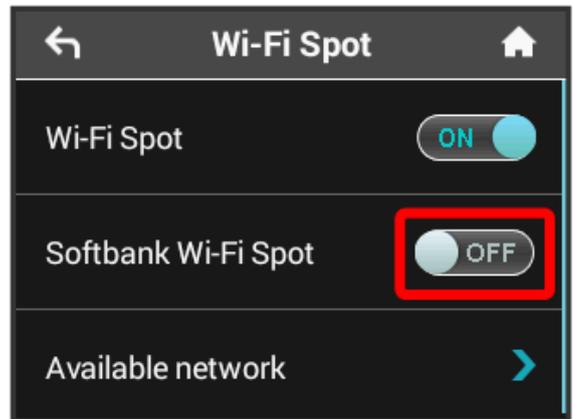
1

Wi-Fi Spot



2

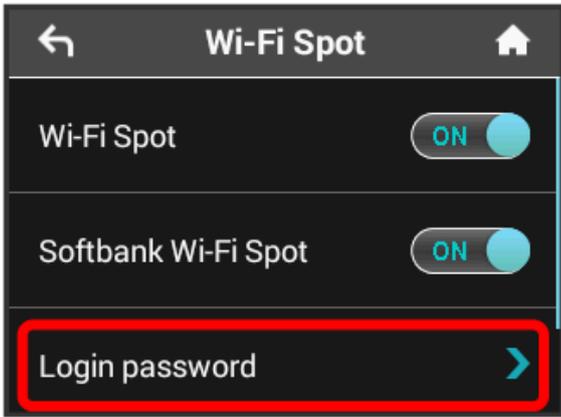
In "Softbank Wi-Fi Spot," OFF



- 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.

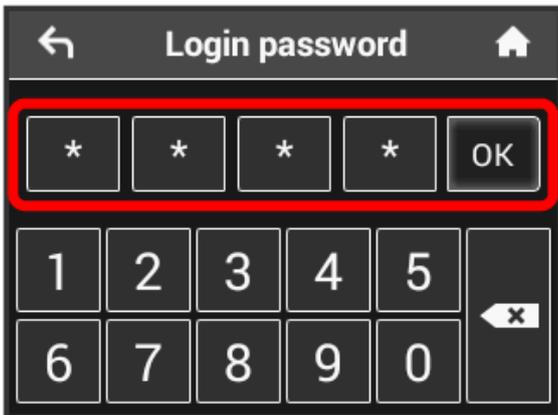
3

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.

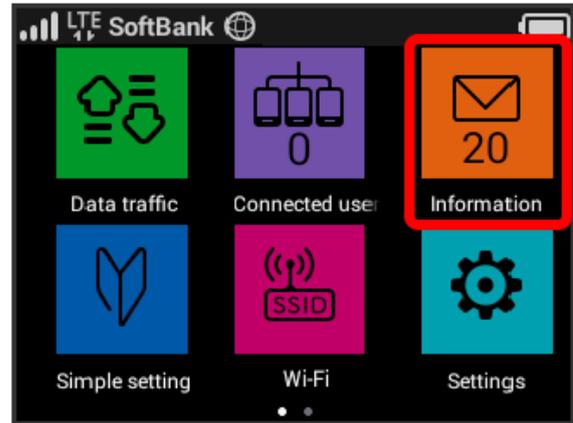
Confirming Notifications

Wi-Fi router receives available notifications.

Confirming Notifications

1

Information



2

Tap notification to confirm

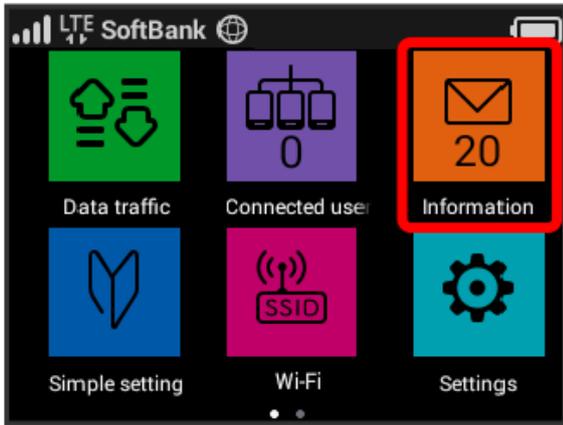


Confirm notification.

Deleting Confirmed Notifications

1

Information



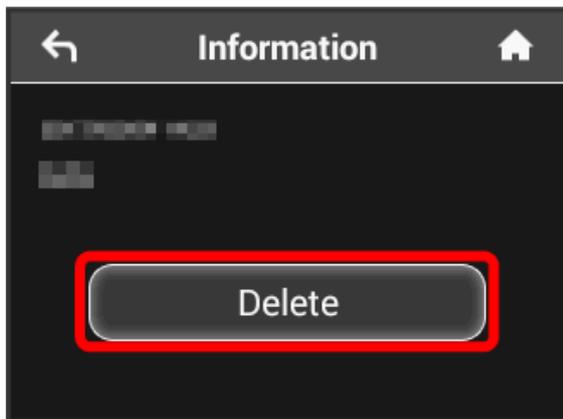
2

Tap notification to delete



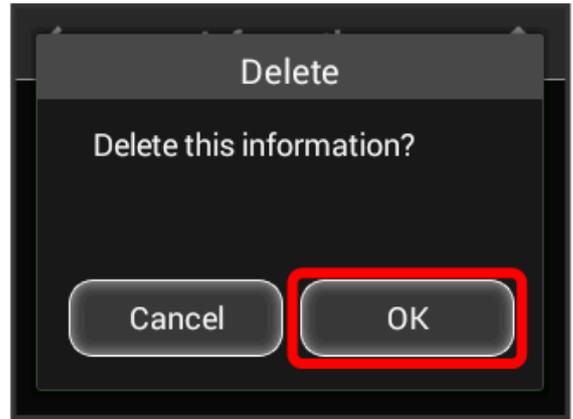
3

Delete



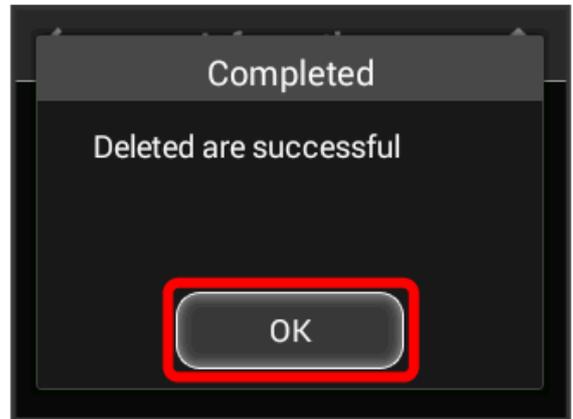
4

OK



5

OK

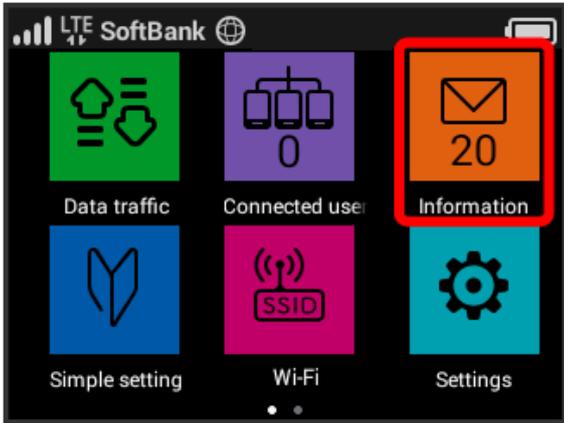


Notification is deleted.

Selecting and Deleting Notifications

1

Information



2

Checkmark notifications to delete



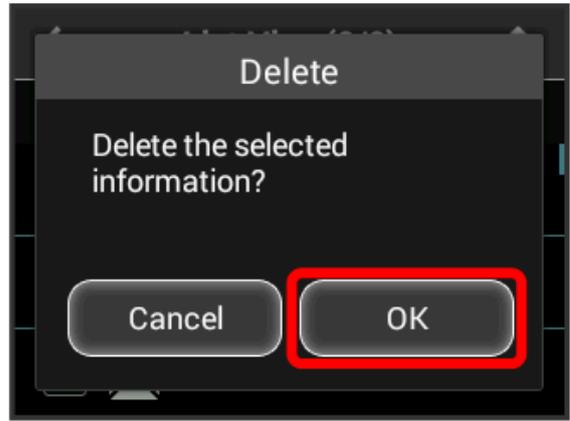
· Checkmark Checkbox on the top of screen to select all.

3



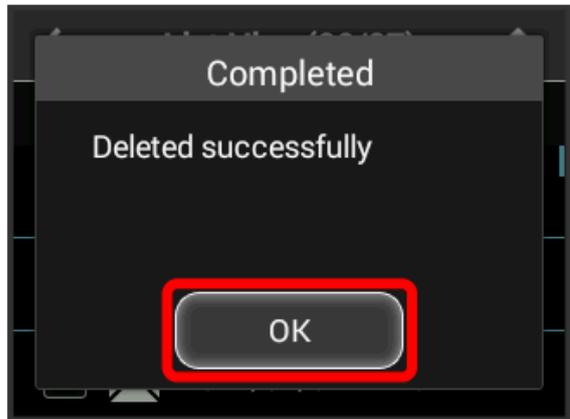
4

OK



5

OK



 Selected notifications are deleted.

Checking WLAN Connected Device Information

Check WLAN device information such as computers, smartphones, and game consoles 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)

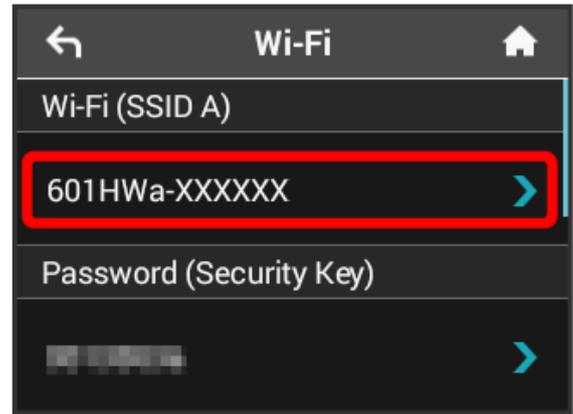
1

Wi-Fi



2

Tap Wi-Fi name



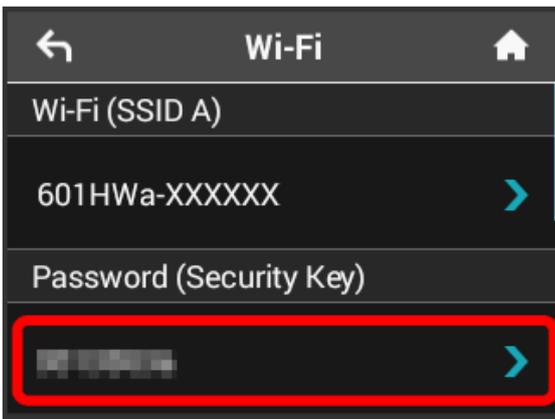
3

Enter Wi-Fi name → OK



4

Tap password (Security Key)



5

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

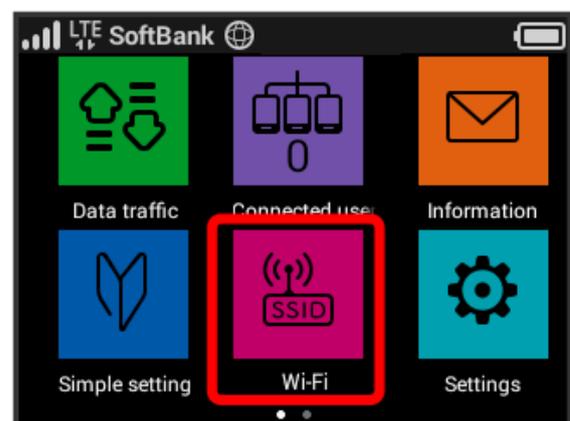
Item	Description
Auto	"Open" or "Shared key" is selected automatically according to the connecting device authorization method; "WEP" is selected for encryption
Open	Authorization is not available; "NONE" or "WEP" is selected for encryption
Shared key	Authorize using WEP Key; "WEP" is selected for encryption
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

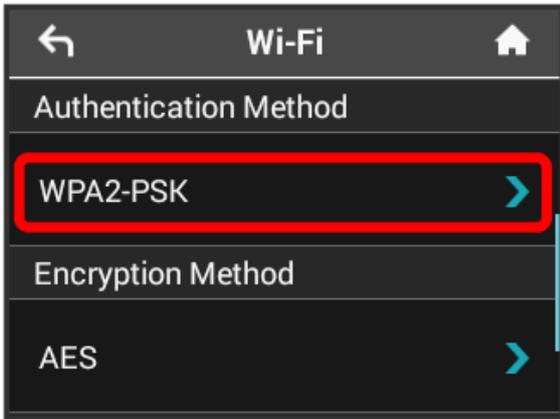
1

Wi-Fi



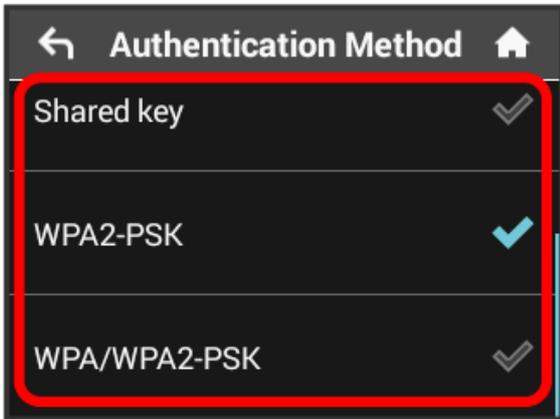
2

Tap authentication method



3

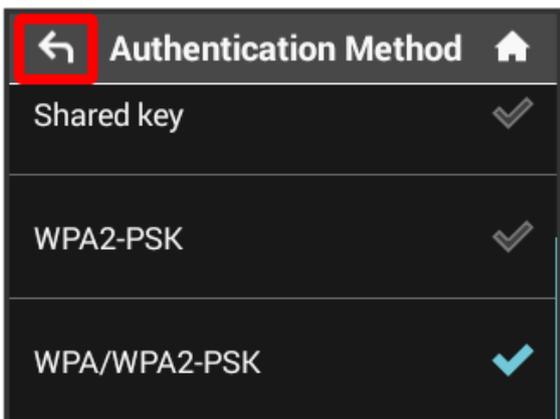
Tap authorization method



🚩 Authorization method is modified.

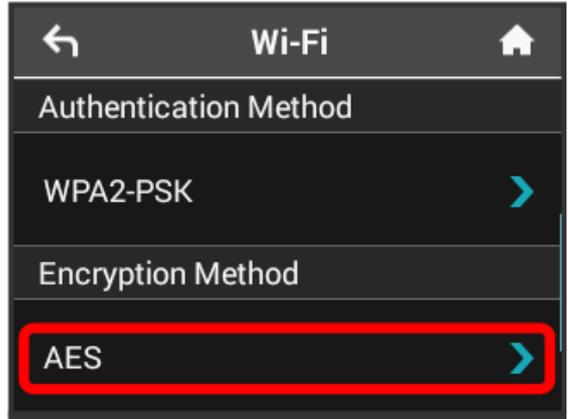
- Notification appears for some authorization methods requiring that password (Security Key) be changed. In that case, tap **OK** and enter password (Security Key) on Entry screen.

4



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).

- To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- Wi-Fi name (SSID B) does not support WPA/WPA2.
- 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.

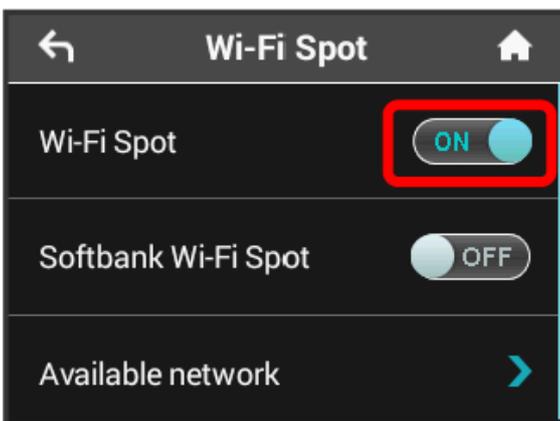
1

Wi-Fi Spot



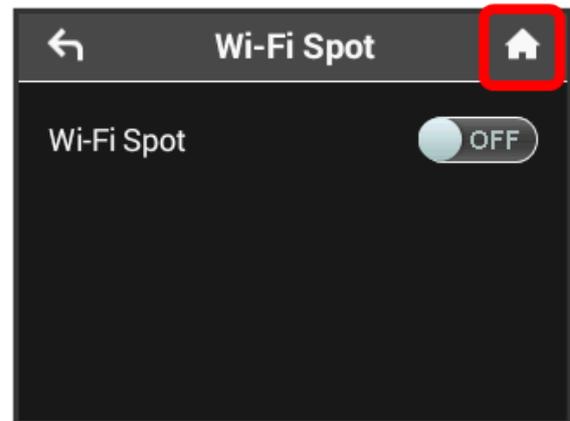
2

In "Wi-Fi Spot," ON



🚩 "Wi-Fi Spot" turns to OFF.

3



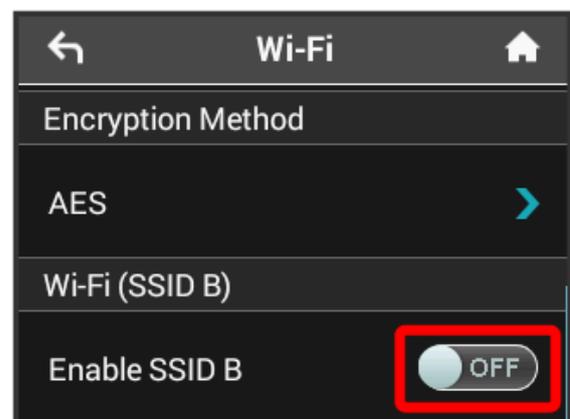
4

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



5

In "Enable SSID B," OFF

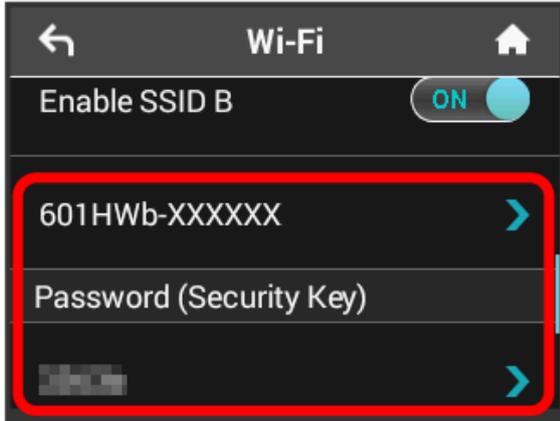


🚩 "Enable SSID B" is turned ON.

- If confirmation appears, follow the onscreen instructions.

6

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 game console or 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

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

2

WPS



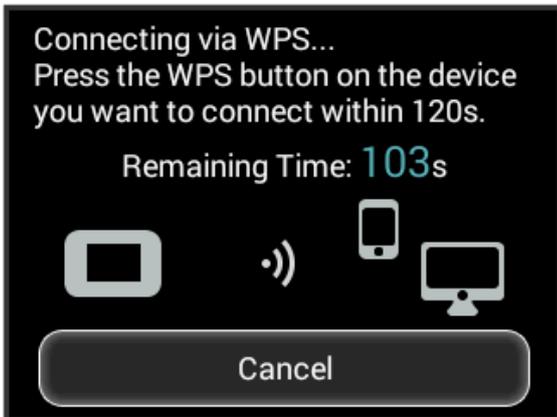
3

LAN Wi-Fi



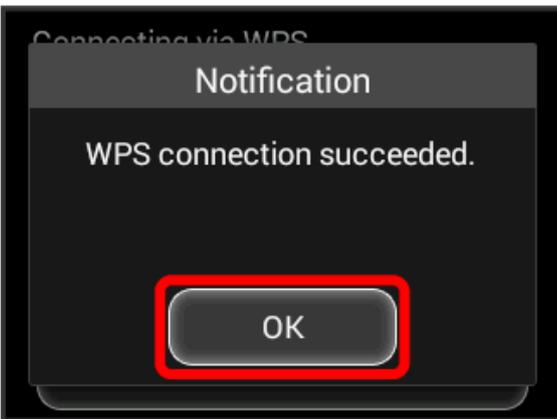
4

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



5

OK



· When "WPS connection failed." appears, tap **OK** then retry.

6

To make other settings on WLAN device, follow the onscreen instructions

 Wi-Fi router connects to WLAN device.

Connecting to the Access Point

Connect WPS supported access point.

- Enable Wi-Fi spot in advance.

1

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.

2

WPS



3

Wi-Fi Spot



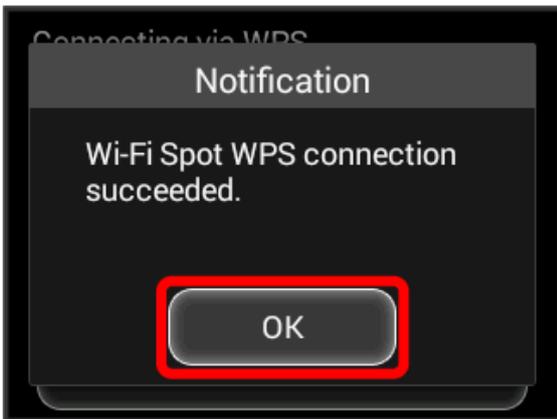
4

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



5

OK



When "Wi-Fi Spot WPS connection failed." appears, tap **OK** 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

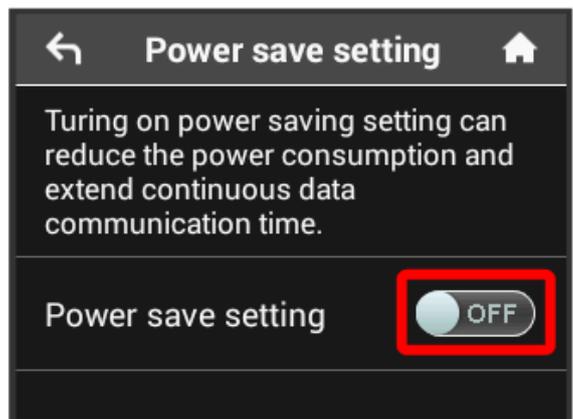
1

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, clearing notification icons, checking URL for WEB UI, etc.

Home Screen

Rearrange Touch Menu Icons on Home Screen.

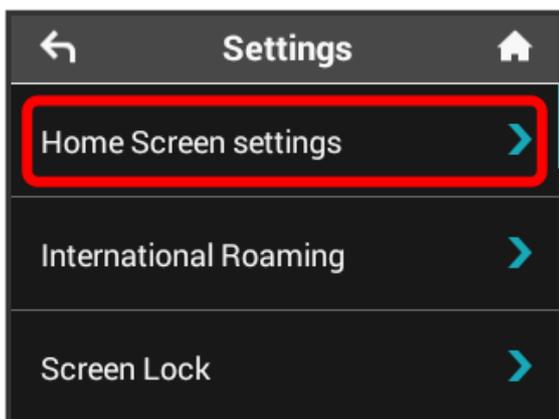
1

Settings



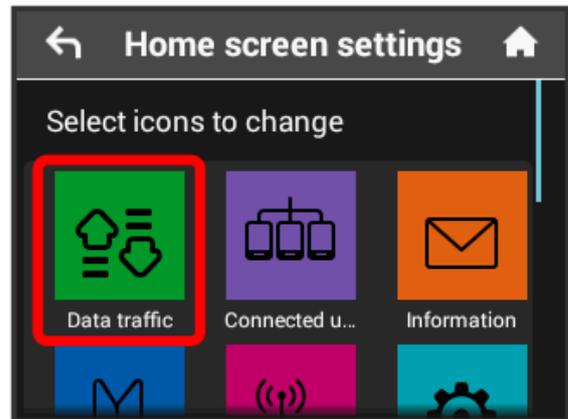
2

Home Screen settings



3

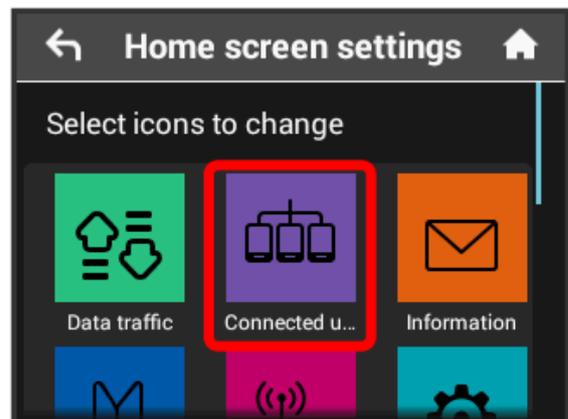
Tap Icon to switch



· The color of the icon becomes bright.

4

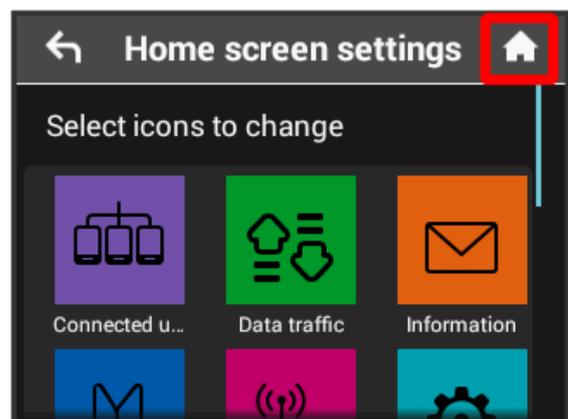
Tap Icon to switch with



Selected Icons are switched.

5

Home



Home Screen with Icons rearranged appears.

· To reset Home Screen to the default, tap **Reset Home screen** → **OK**.

International Roaming

Enable auto-International roaming connection.

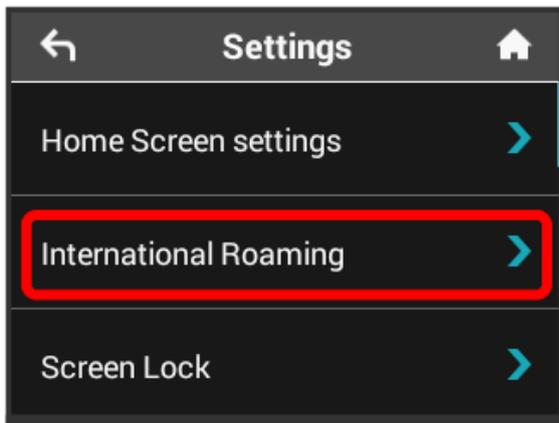
1

Settings



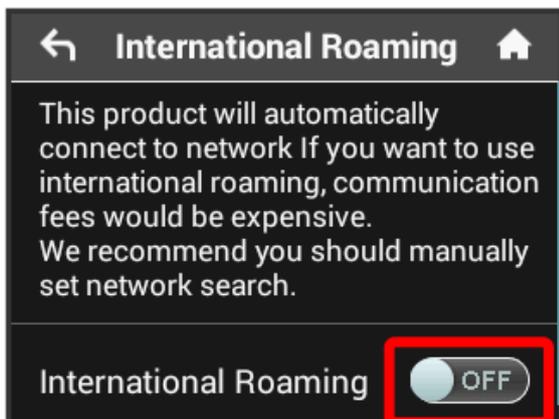
2

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.

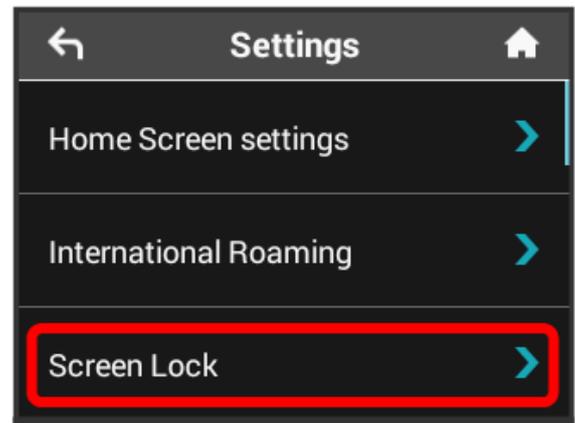
1

Settings



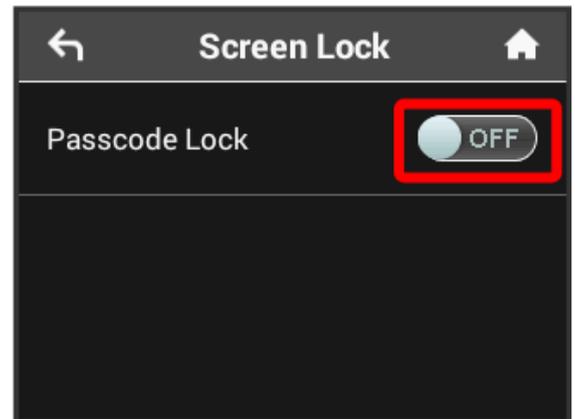
2

Screen Lock



3

In "Passcode Lock," OFF



 "Passcode Lock" is turned to ON .

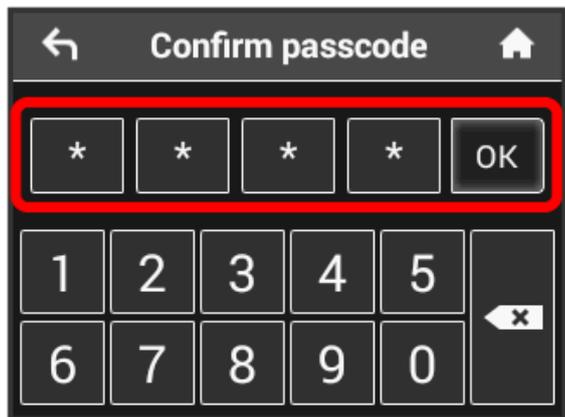
4

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

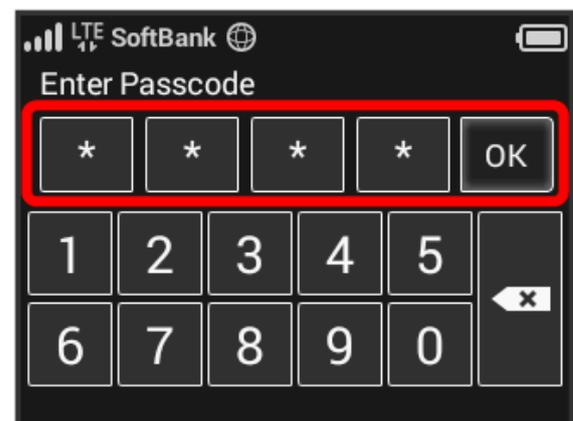
1

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.

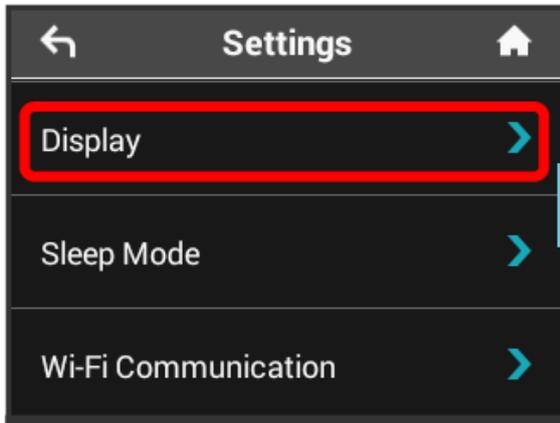
1

Settings



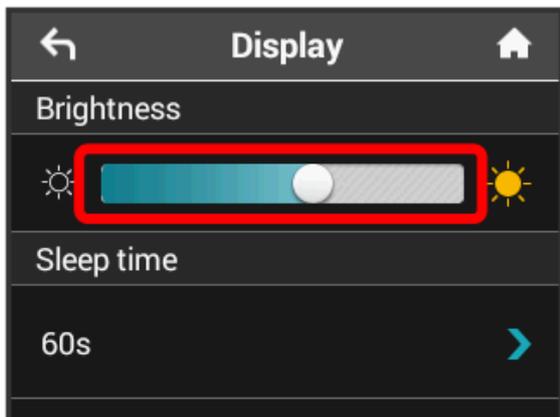
2

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.

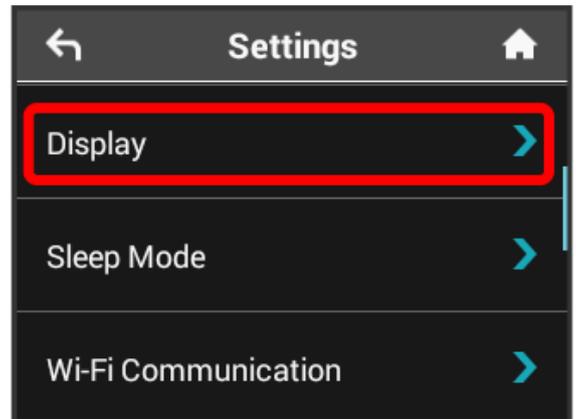
1

Settings



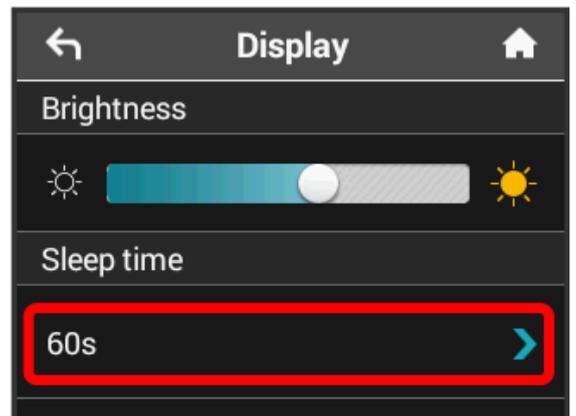
2

Display



3

Tap sleep time



Settings (Using Router Touch Menu)

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.

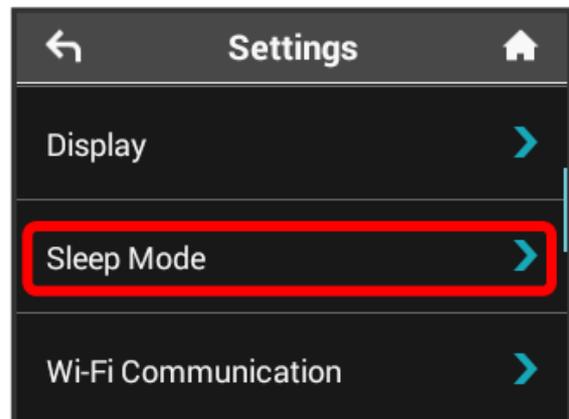
1

Settings



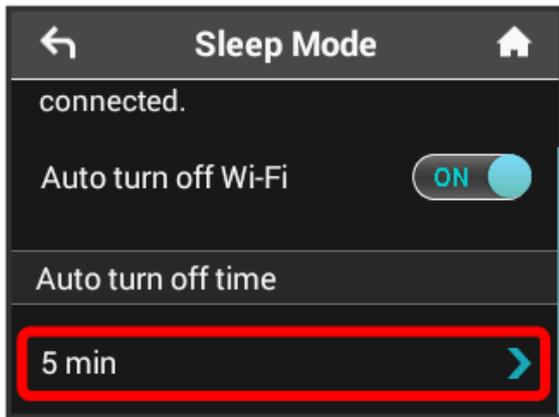
2

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.

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.

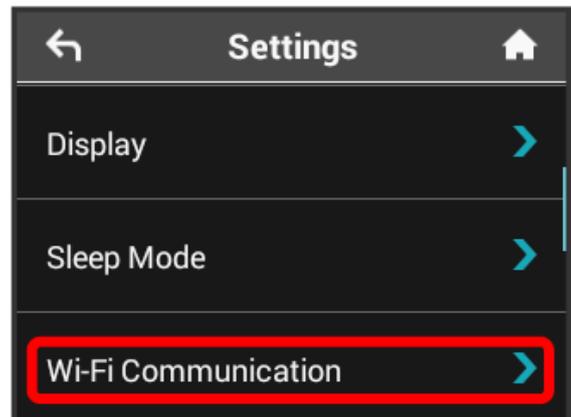
1

Settings



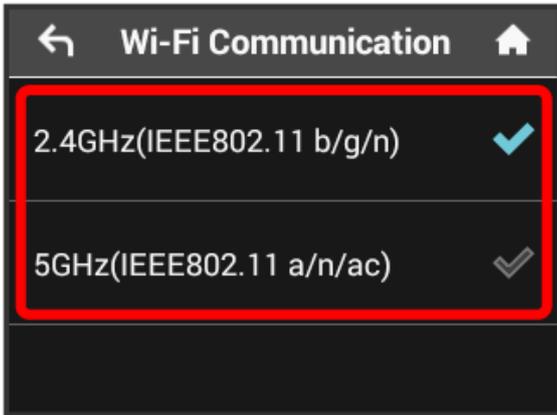
2

Wi-Fi Communication



3

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 USB Tethering

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

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

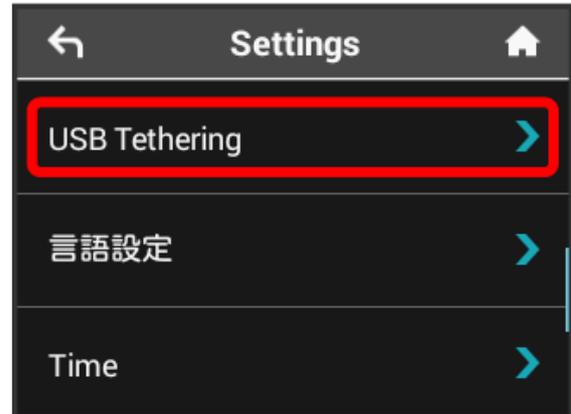
1

Settings



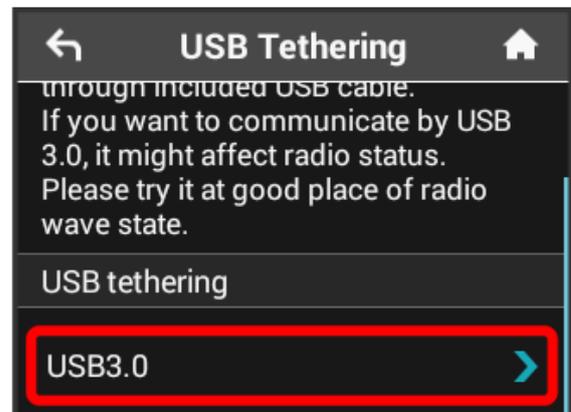
2

USB Tethering



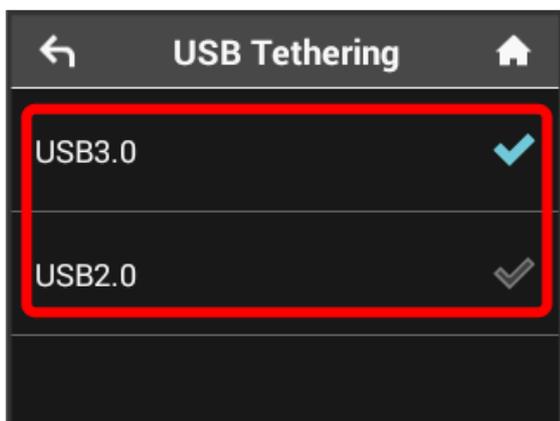
3

USB3.0



4

Tap desired USB communication standard



🚩 USB communication standard is set.

Setting Language

Select Japanese or English for language shown on Display.

1

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



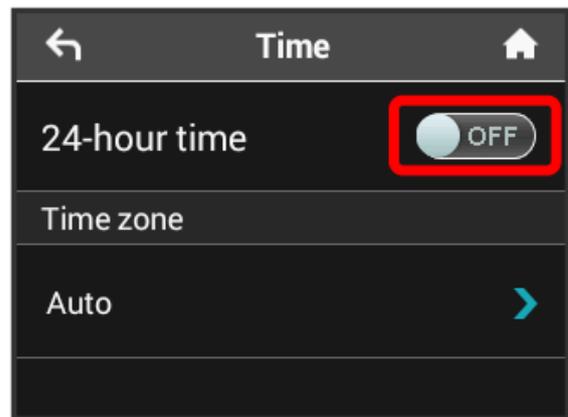
2

Time



3

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.

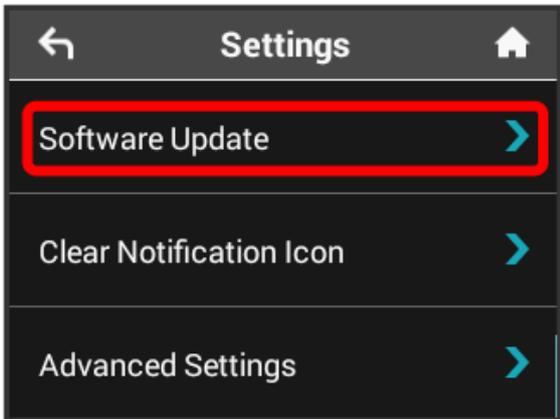
1

Settings



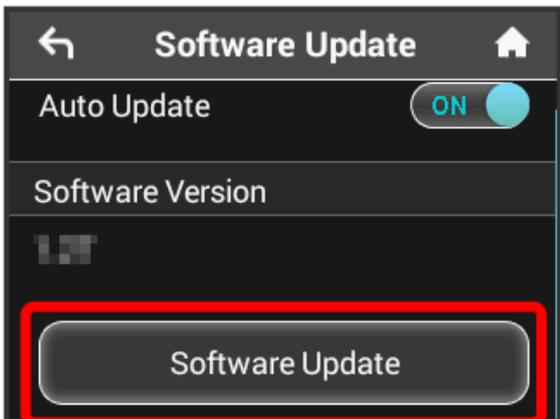
2

Software Update



3

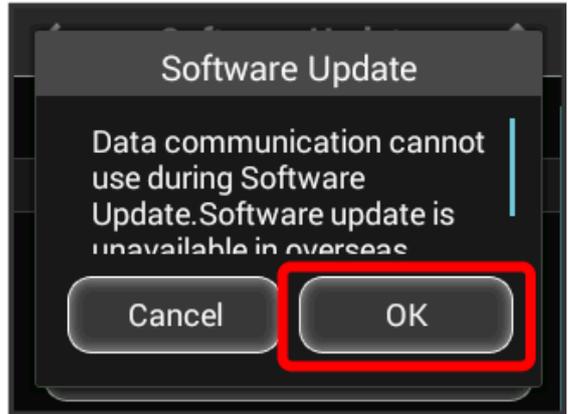
Software Update



· When not using automatic software update, tap ON to turn to OFF .

4

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.

Clearing Notifications for Maximum Traffic

Clear present notification icons for data traffic.

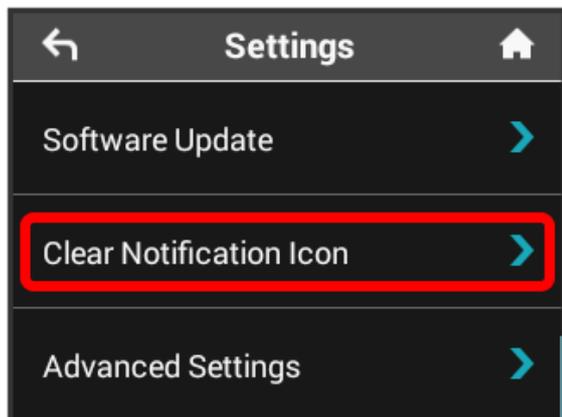
1

Settings



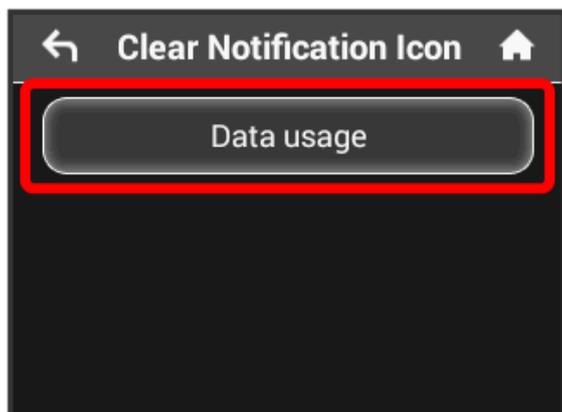
2

Clear Notification Icon



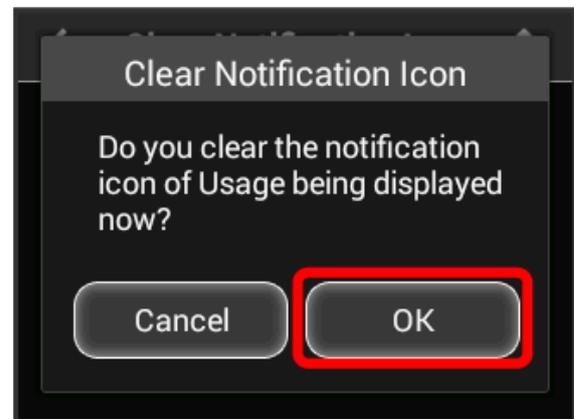
3

Data usage



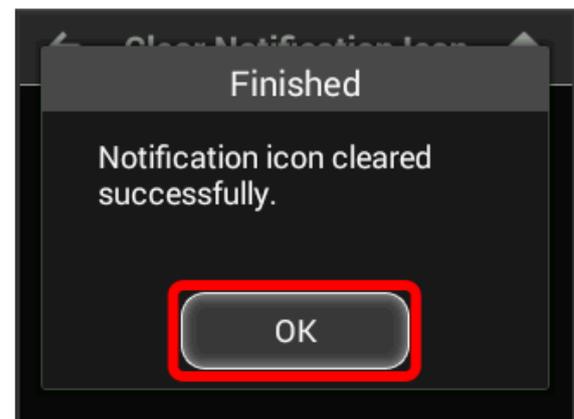
4

OK



5

OK



Shown notification icons are cleared.

- This step clears only notification icons shown on Status Bar. "Data Usage" Icon on Touch Menu is not cleared.

Checking WEB UI

Check URL for WEB UI and Login password etc.

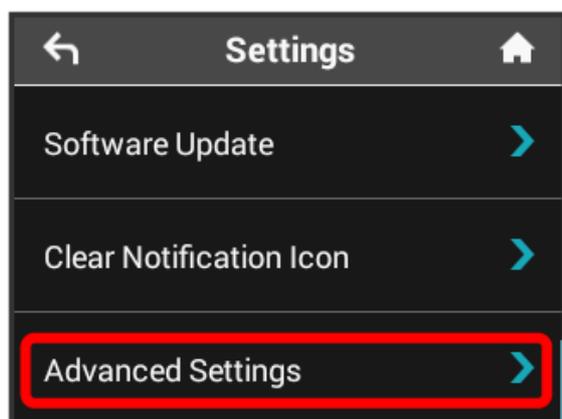
1

Settings



2

Advanced Settings



Information icon URL and QR code for WEB UI and Login password are shown.

- 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 (601HW)
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

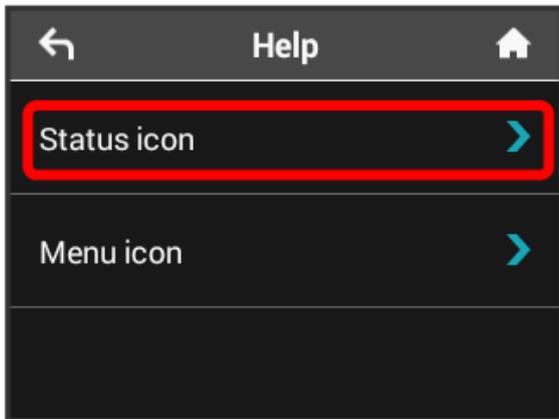
1

Help



2

Status icon



Description for Status Indicators appears.

Viewing Description for Touch Menu Icons

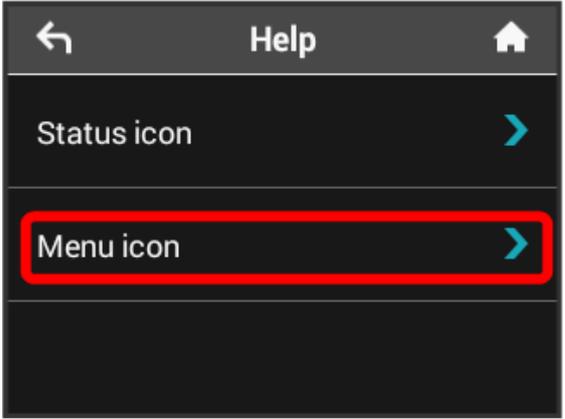
1

Help



2

Menu icon



Description for Touch Menu Icons appears.

Operation for Setting Maximum Traffic

Clearing Notification Icons

Clear present notification icons for data traffic.

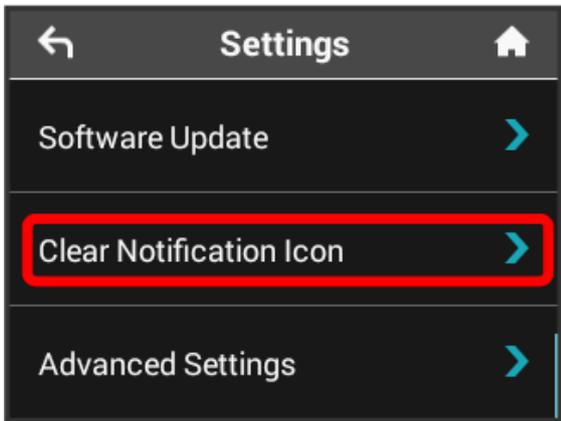
1

Settings



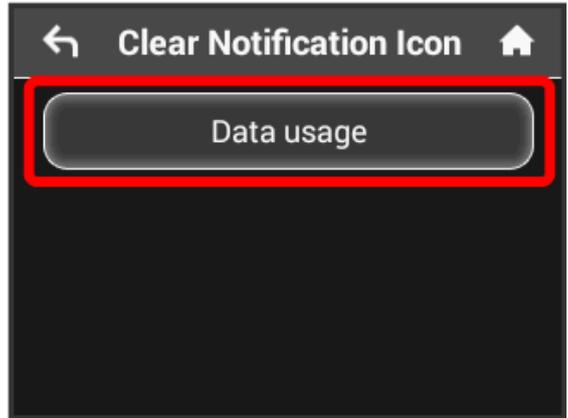
2

Clear Notification Icon



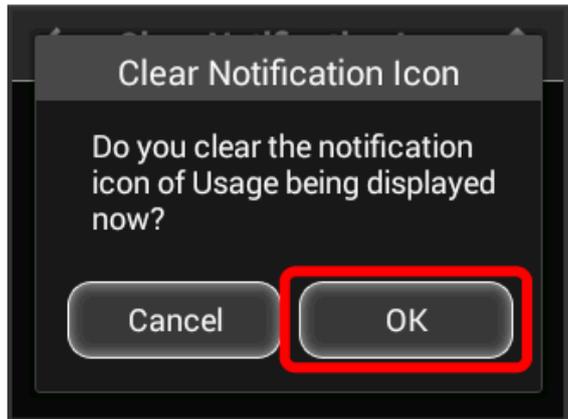
3

Data usage



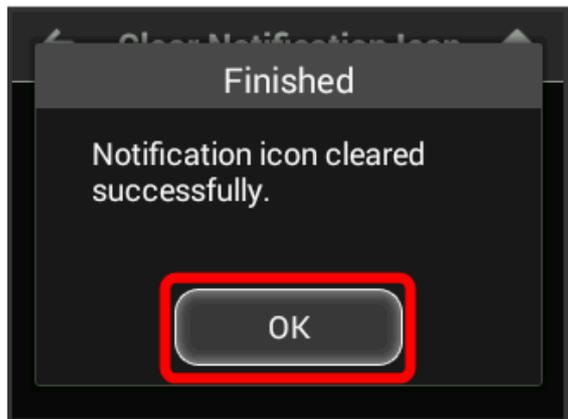
4

OK



5

OK



Shown notification icons are cleared.

- This step clears only notification icons shown on Status Bar. "Data Usage" Icon on Touch Menu is not cleared.

Settings (Using Router Touch Menu)

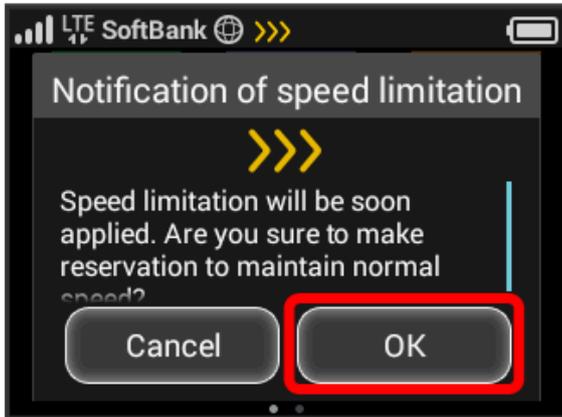
Applying Ahead for Release from Speed Reduction (on Pop-up Screen)

When a pop-up notice appears for an approaching communication speed reduction, you can apply ahead to have the speed reduction released.

- Operation screen may look different from the actual screens.

1

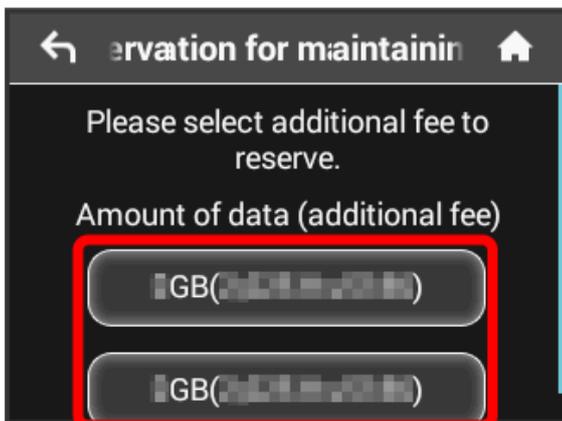
Check information on pop-up screen → OK



- When error message is shown, retry.

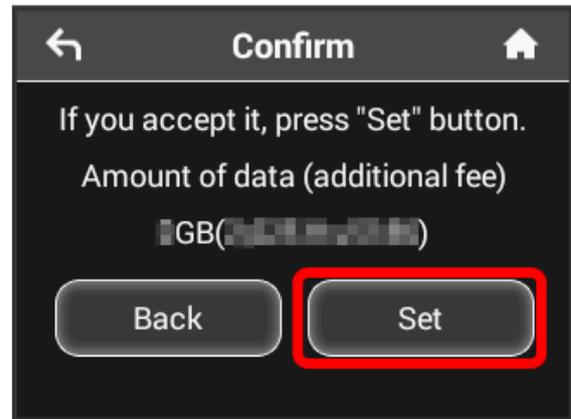
2

Tap data traffic to release



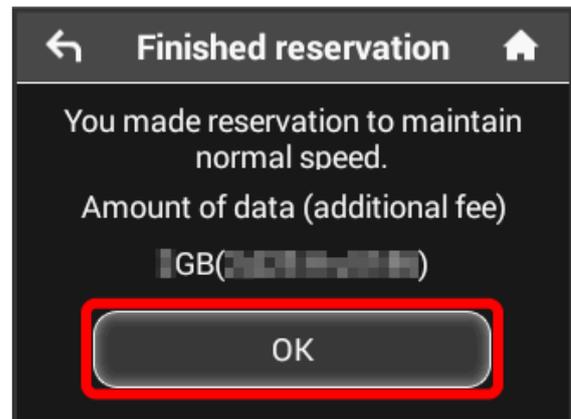
3

Set



4

OK



Application ahead is complete.

Application Ahead for Keeping Normal Speed

When application ahead is set and subscribed data volume is consumed, extra charge is automatically incurred to keep normal speed.

If application ahead is set but not used within the billing month, application ahead is canceled.

- Closing dates vary depending on customers. Check on My SoftBank or the copy of the contract.

Applying Ahead for Release from Speed Reduction (on Touch Menu)

You can apply ahead to have data traffic released from speed reduction on Touch Menu.

- Operation screen may look different from the actual screens.

1

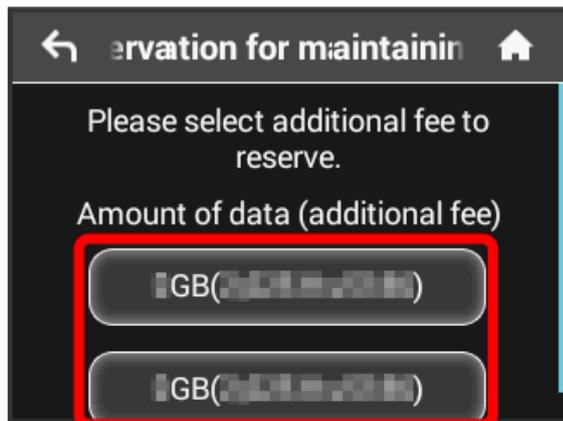
Data Usage



- When error message is shown, retry.

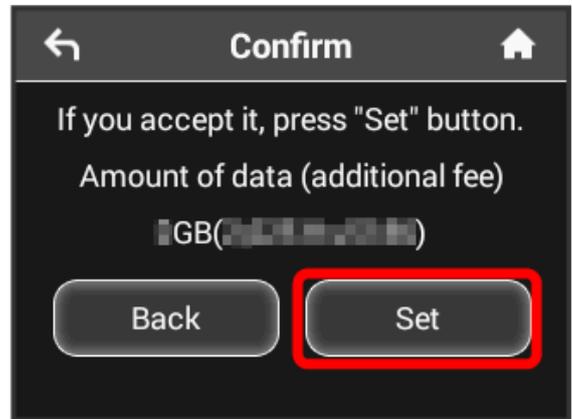
2

Tap data traffic to release



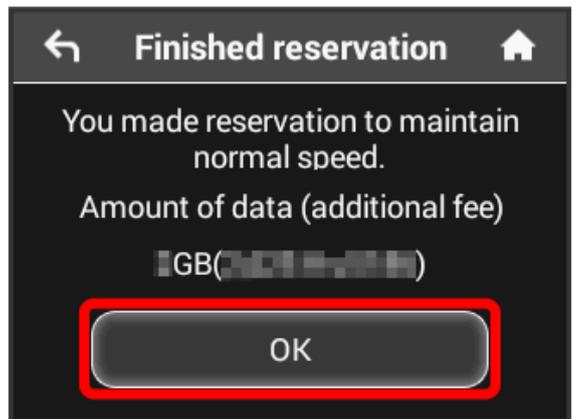
3

Set



4

OK



Application ahead is complete.

Application Ahead for Keeping Normal Speed

When application ahead is set and subscribed data volume is consumed, extra charge is automatically incurred to keep normal speed.

If application ahead is set but not used within the billing month, application ahead is canceled.

- Closing dates vary depending on customers. Check on My SoftBank or the copy of the contract.

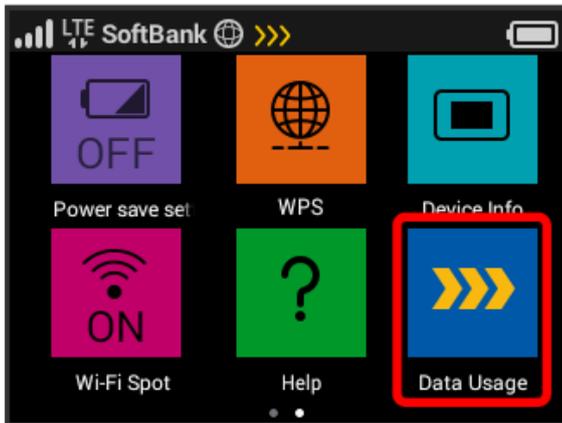
Canceling Application for Release from Speed Reduction

If release from speed reduction is applied for ahead, you can cancel your application.

- Operation screen may look different from the actual screens.

1

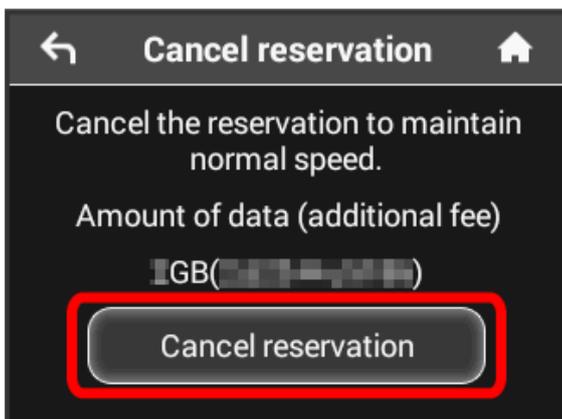
Data Usage



- When error message is shown, retry.

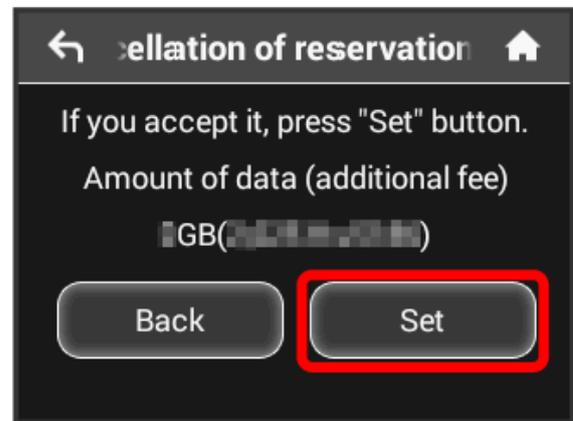
2

Cancel reservation



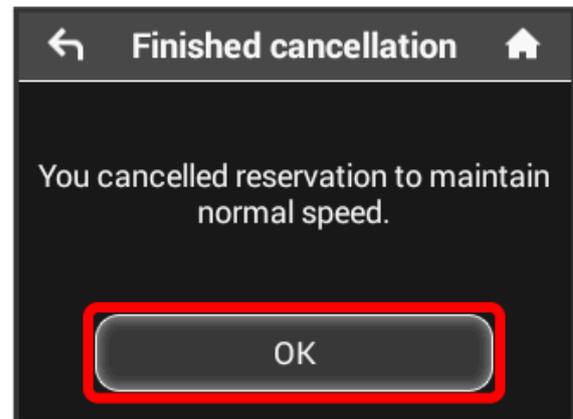
3

Set



4

OK



- Application ahead is canceled.

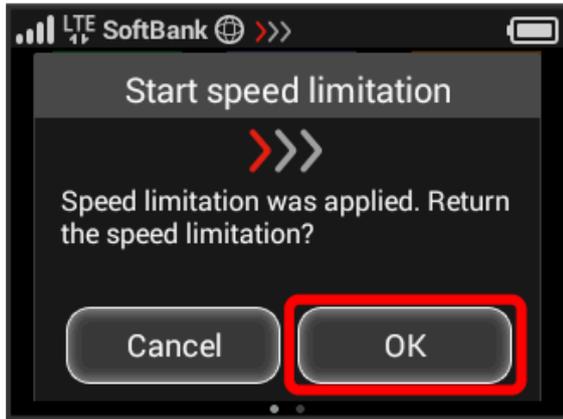
Releasing Speed Reduction (on Pop-up Screen)

When a pop-up notice appears for the start of communication speed reduction, you can apply to have the speed reduction released and return to normal speed.

- Operation screen may look different from the actual screens.

1

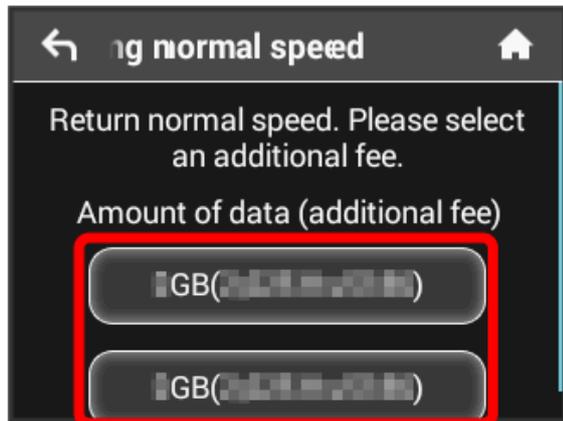
Check information on pop-up screen → OK



- When error message is shown, retry.

2

Tap data traffic to release



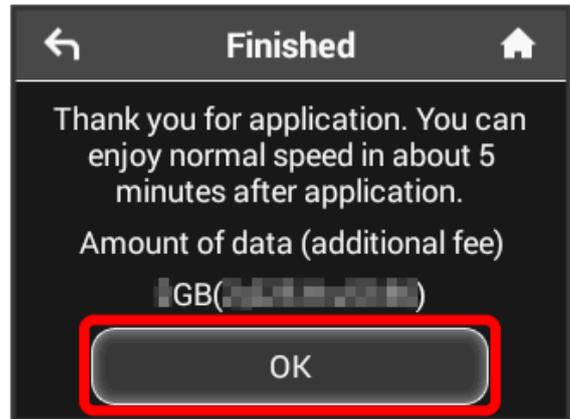
3

Set



4

OK



Application is complete.

Releasing Speed Reduction (on Touch Menu)

You can apply to have data traffic released from speed reduction on Touch Menu.

- Operation screen may look different from the actual screens.

1

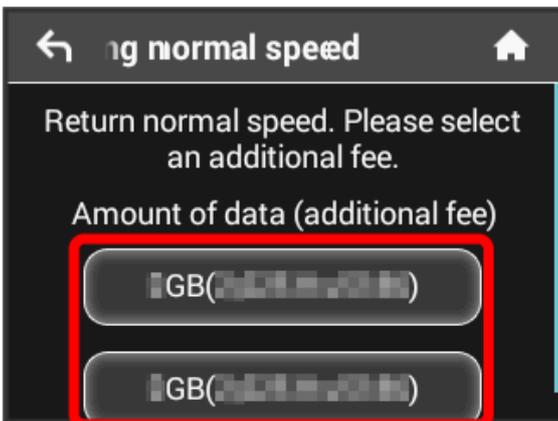
Data Usage



- When error message is shown, retry.

2

Tap data traffic to release



3

Set



4

OK



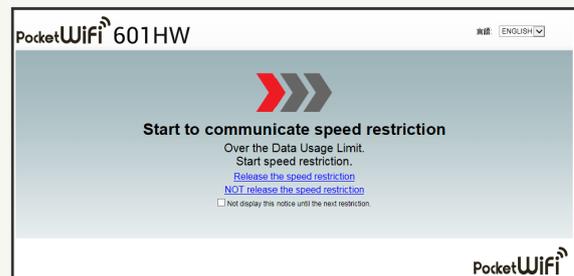
Application is complete.

Browser screen during speed reduction

The following screen is shown when opening a web page under communication speed reduction.

- Select "NOT release the speed restriction" when a web page is shown. When repowering on, the browser screen under speed reduction may be shown again.

To discontinue this screen from being shown, check "Not display this notice until the next restriction." The browser screen under speed reduction will not be shown until the next speed reduction.



Settings (Using WEB UI)

Overview of WEB UI.....	88
WEB UI Window on PC.....	91
Setting LAN Wi-Fi.....	93
Setting Mobile Network.....	106
Setting Wi-Fi Spot.....	120
Router Setting.....	127
System.....	151
Showing/Setting Data Usage.....	159
Confirming Information.....	166
Setting Software Update.....	171
Setting from Mobile Device.....	173
Setting LAN Wi-Fi (on Mobile).....	178
Setting Mobile Network (on Mobile).....	188
Showing/Setting Data Usage (on Mobile).....	190
Confirming Information (on Mobile).....	200
Checking Wi-Fi Router Information (on Mobile).....	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.

1

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 \(Mac\)](#)."

2

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



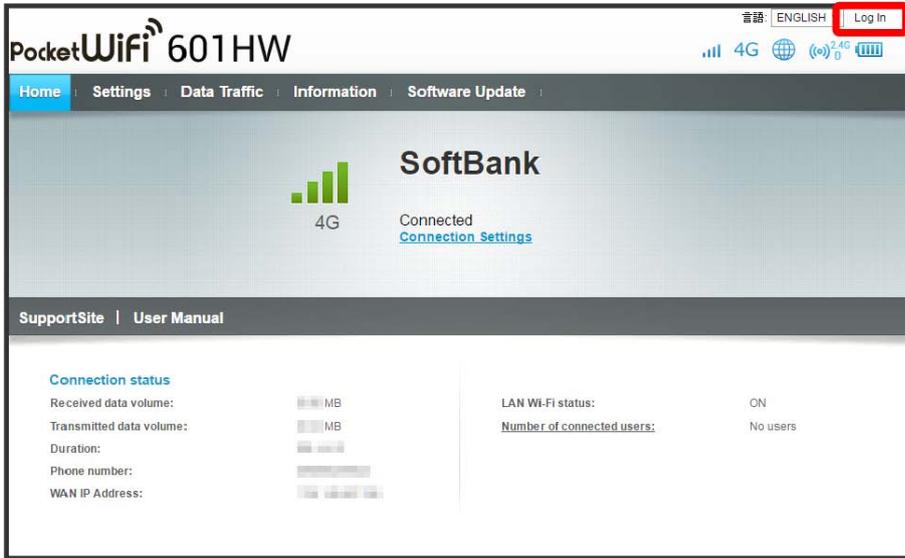
WEB UI Home Page appears.

- Select English from Language list.

Logging In to WEB UI from Computer

1

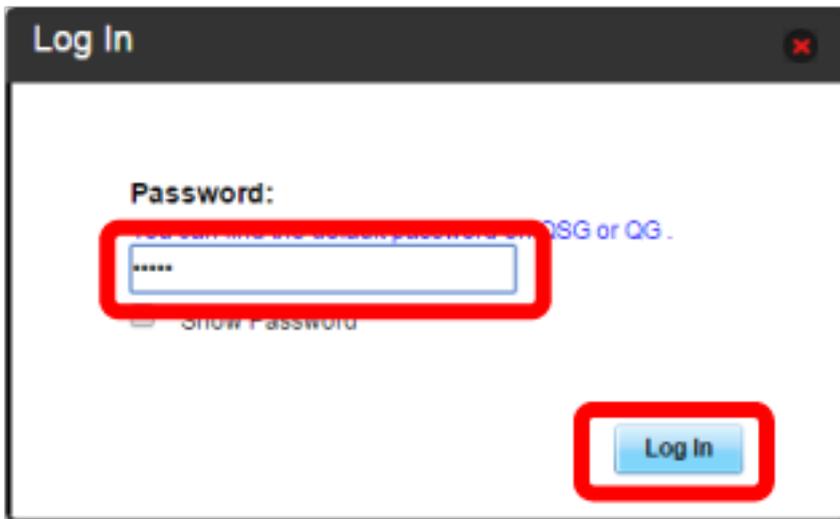
In WEB UI Home Page, [Log In](#)



Login window opens.

2

Enter Login password [→ Log In](#)



[Log Out](#) appears at top right, and login is complete.

· 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.

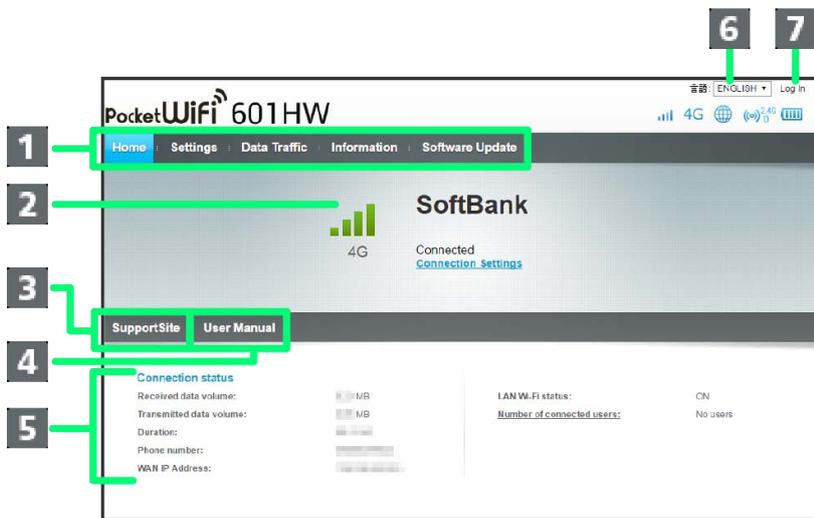
- While operating Wi-Fi router, Login to WEB UI is not available. Return to Lock Screen on Wi-Fi router before logging in to WEB UI.
 - Login to WEB UI from two or more devices simultaneously is not available.
 - By default, connecting to WEB UI is not available from Wi-Fi name (SSID B). To connect to WEB UI from Wi-Fi name (SSID B):
[Settings](#) → [LAN Wi-Fi](#) → [Basic Settings](#) and turn "SSID B" to [ON](#) → Checkmark "Allowed SSIDB access WEB UI" → [Apply](#)
 - 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

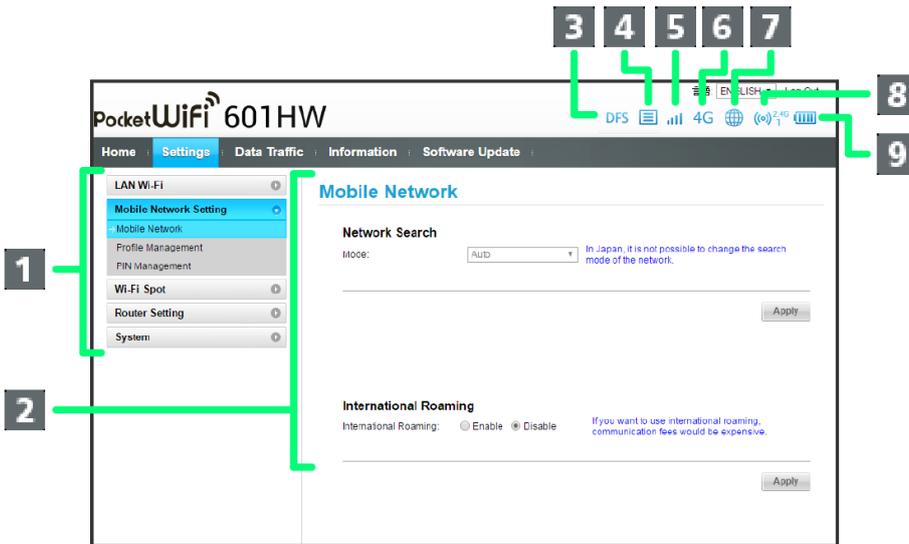
Layout



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 601HW
4 User Manual	Connect SoftBank website and open User Guide of 601HW
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	<p>Mobile Network</p> <p>📶 (Strong) ⇄ 📶 (Weak) ⇄ 📶 (Out of service area)</p> <p>Wi-Fi Spot</p> <p>📶 (Strong) ⇄ 📶 (Weak)</p>
6 Network Type	<p>Mobile Network</p> <p>4G : SoftBank 4G connected</p> <p>LTE : SoftBank LTE connected</p> <p>3G : SoftBank 3G connected</p> <p>Wi-Fi Spot</p> <p>📶 : Wi-Fi Spot connected (Including SoftBank Wi-Fi spot)</p>
7 Internet Connection Status	<p>🌐 : Connected to Internet</p> <p>🌐 : Not connected to Internet</p>
8 WLAN Status	<p>📶^{2.4G} : WLAN is ON, operating at 2.4 GHz (Wi-Fi)</p> <p>📶^{5G} : WLAN is ON, operating at 5 GHz (Wi-Fi)</p> <p>Number below Wi-Fi communication standard (2.4G/5G) is current number of connected WLAN devices.</p>
9 Battery Level	<p>🔋 (High) ⇄ 🔋 (Low)</p> <p>🔋 (Flashing): Nearly empty (charge Battery)</p>

Setting LAN Wi-Fi

Connect to computers, smartphones, game consoles, 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.

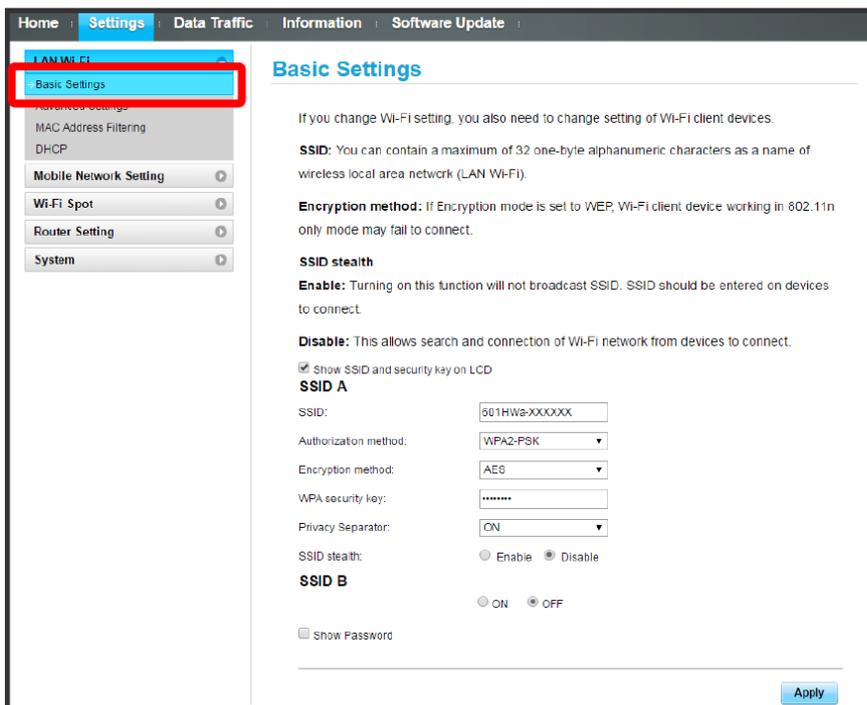
LAN Wi-Fi Basic Settings (SSID A)

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

In Menu List, **LAN Wi-Fi**  **Basic Settings**



Set each item → [Apply](#)

The screenshot displays the 'Basic Settings' page for LAN Wi-Fi. The left sidebar contains a navigation menu with 'LAN Wi-Fi' selected, and sub-items: 'Basic Settings', 'Advanced Settings', 'MAC Address Filtering', 'DHCP', 'Mobile Network Setting', 'Wi-Fi Spot', 'Router Setting', and 'System'. The main content area is titled 'Basic Settings' and includes the following information:

- A warning: "If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices."
- SSID:** "You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi)." The input field contains "501Hwa-XXXXXX".
- Encryption method:** "If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect." The dropdown menu is set to "WPA2-PSK".
- WPA security key:** The input field contains "*****".
- Privacy Separator:** The dropdown menu is set to "ON".
- SSID stealth:** Radio buttons for "Enable" and "Disable". "Disable" is selected.
- SSID B:** Radio buttons for "ON" and "OFF". "OFF" is selected.
- Show SSID and security key on LCD
- Show Password

The 'Apply' button at the bottom right is highlighted with a red rectangular box.

🚩 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).

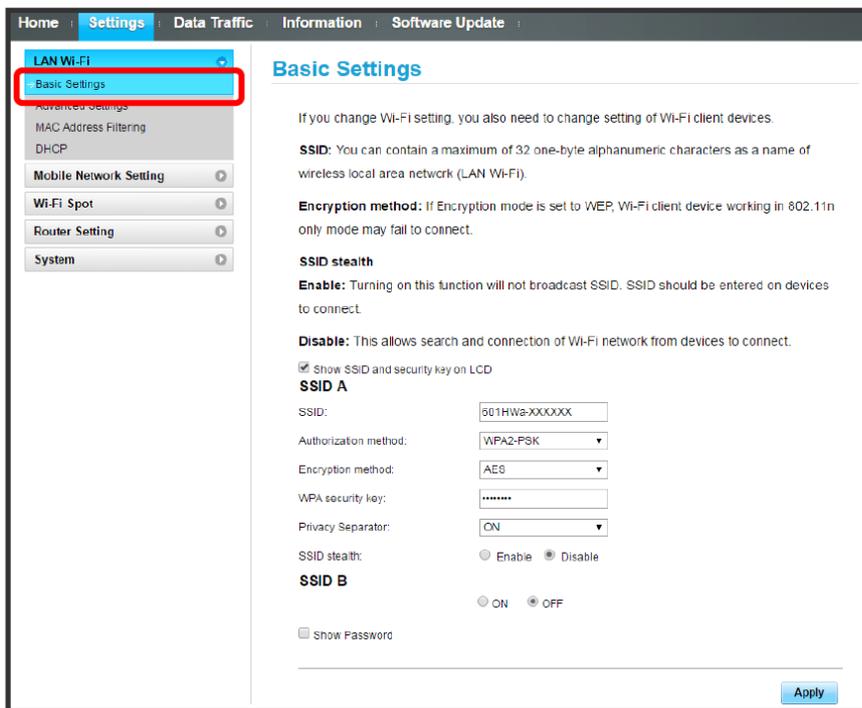
- To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- Wi-Fi name (SSID B) does not support WPA/WPA2.
- When Multi-SSID is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.
- When Multi-SSID is enabled, 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

In Menu List, LAN Wi-Fi → Basic Settings

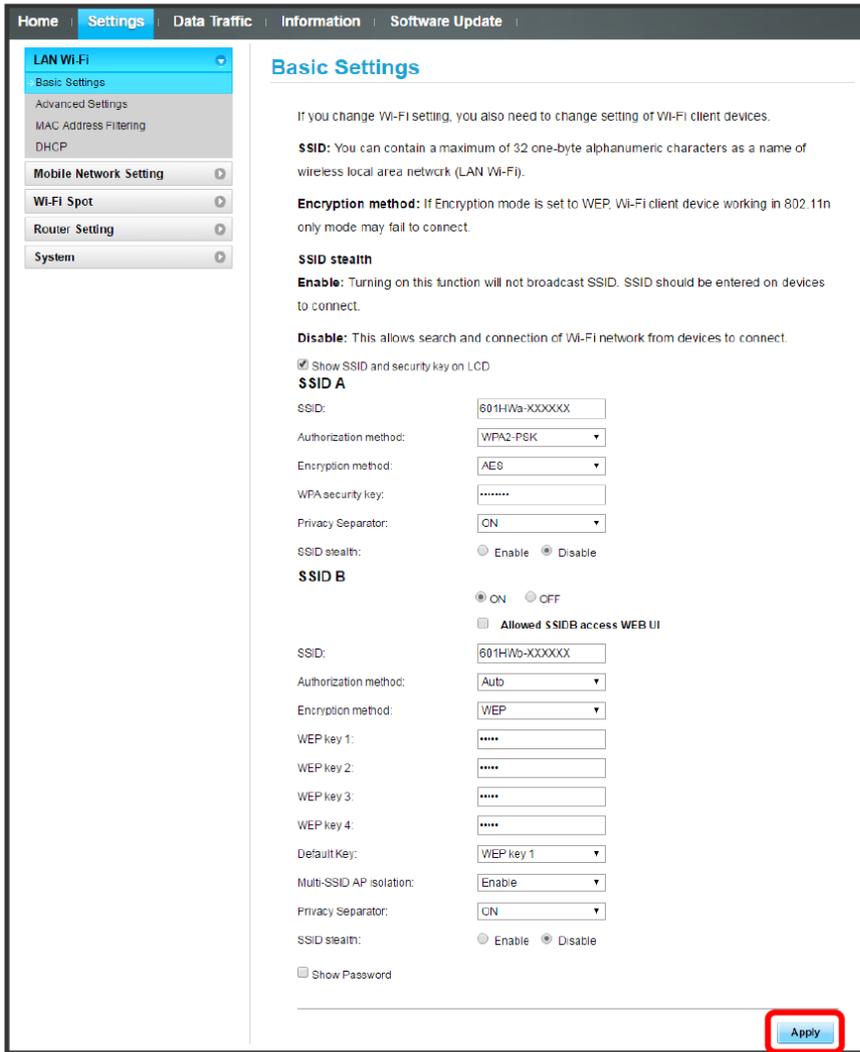


Turn "SSID B" to ON

The screenshot shows the 'Basic Settings' page for LAN Wi-Fi. The left sidebar contains a menu with 'LAN Wi-Fi' selected, and sub-items: 'Basic Settings', 'Advanced Settings', 'MAC Address Filtering', 'DHCP', 'Mobile Network Setting', 'Wi-Fi Spot', 'Router Setting', and 'System'. The main content area is titled 'Basic Settings' and includes instructions: 'If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices.' It lists 'SSID' (maximum 32 characters), 'Encryption method' (WEP, WPA2-PSK, WPA2-TKIP, WPA3-SAE), and 'SSID stealth' (Enable/Disable). Under 'SSID A', there are fields for SSID (601HWa-XXXXXX), Authorization method (WPA2-PSK), Encryption method (AES), WPA security key (*****), and Privacy Separator (ON). Under 'SSID B', there is a radio button for 'ON' (highlighted with a red box) and a radio button for 'OFF'. A 'Show Password' checkbox is also present. An 'Apply' button is at the bottom right.

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

Set each item → Apply



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

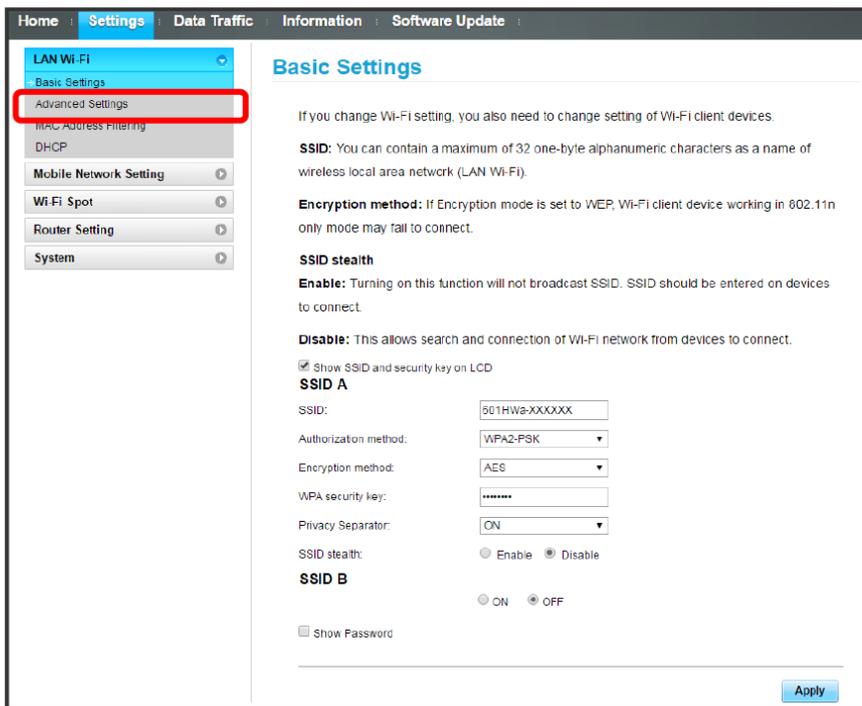
LAN Wi-Fi Advanced Settings

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
Multi-SSID AP isolation	Set whether to permit interactive communication between devices connected SSID A and SSID B; this option appears only when Multi-SSID (SSID B) 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 PMF	Set the protection function for WLAN management frame (PMF)

1

In Menu List, **LAN Wi-Fi** → **Advanced Settings**



Set each item → Apply

The screenshot shows the 'Advanced Settings' page for LAN Wi-Fi. The left sidebar contains a menu with 'LAN Wi-Fi' selected, and sub-items: 'Basic Settings', 'Advanced Settings', 'MAC Address Filtering', 'DHCP', 'Mobile Network Setting', 'Wi-Fi Spot', 'Router Setting', and 'System'. The main content area is titled 'Advanced Settings' and contains the following settings:

- Country: JAPAN
- Communication standard: 2.4GHz(IEEE802.11 b/g/n)
- Channel: Auto (1-11)
- Sleep Mode Settings: Enable (Note: If sleep setting is enabled Wi-Fi will be turned off when Wi-Fi client is not connected. However Wi-Fi will be available during the device is charging.)
- Sleep Mode Timer (Min): 5
- Out of service Wi-Fi Automatic Disconnection: Disable
- Frequency bandwidth: Auto
- Wi-Fi PMF: ON (Note: Open this switch will protect the local area network management frame. Only provide protection to the sub device which used this switch.)

An 'Apply' button is located at the bottom right of the settings area, highlighted with a red box.

LAN 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).

1

In Menu List, **LAN Wi-Fi** → **MAC Address Filtering**

The screenshot shows the router's settings interface. The left sidebar is expanded to 'LAN Wi-Fi', and 'MAC Address Filtering' is highlighted with a red box. The main content area is titled 'Basic Settings' and contains various configuration options for the Wi-Fi network, including SSID, encryption method, and SSID stealth. The 'MAC Address Filtering' option is not yet selected in the main area.

2

In "MAC Address Filtering," **Accept** / **Reject** → Enter MAC address → **Apply**

The screenshot shows the router's 'MAC Address Filtering' settings page. The 'MAC Address Filtering' dropdown menu is set to 'Accept' and is highlighted with a red box. Below this, there are several input fields for entering MAC addresses. The 'Apply' button at the bottom right is also highlighted with a red box. The page includes instructions on how to use the 'Accept' and 'Reject' modes.

Set device connection enable/disable with MAC address filtering mode.
 Disable: Can not restrict device connection through the Wi-Fi MAC filter.
 Accept: Accept a client to connect to the device using LAN Wi-Fi if the client's MAC address exists in the MAC Address List.
 Reject: Reject a client's connection to the device using LAN Wi-Fi if the client's MAC address exists in the MAC Address List.

MAC Address Filtering: **Accept**

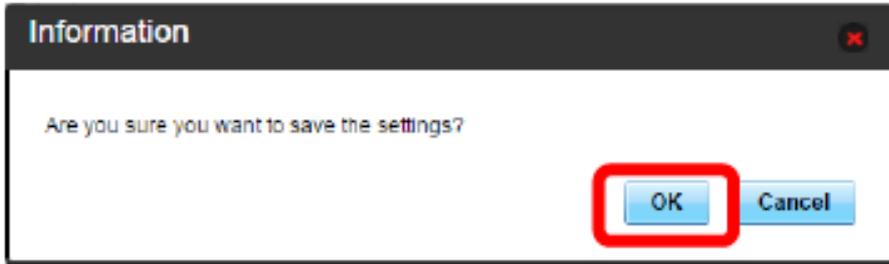
MAC Address: eg: 00:1D:0F:10:2D:D9

ID	IP Address	Host Name	MAC Address	Duration

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

3

OK



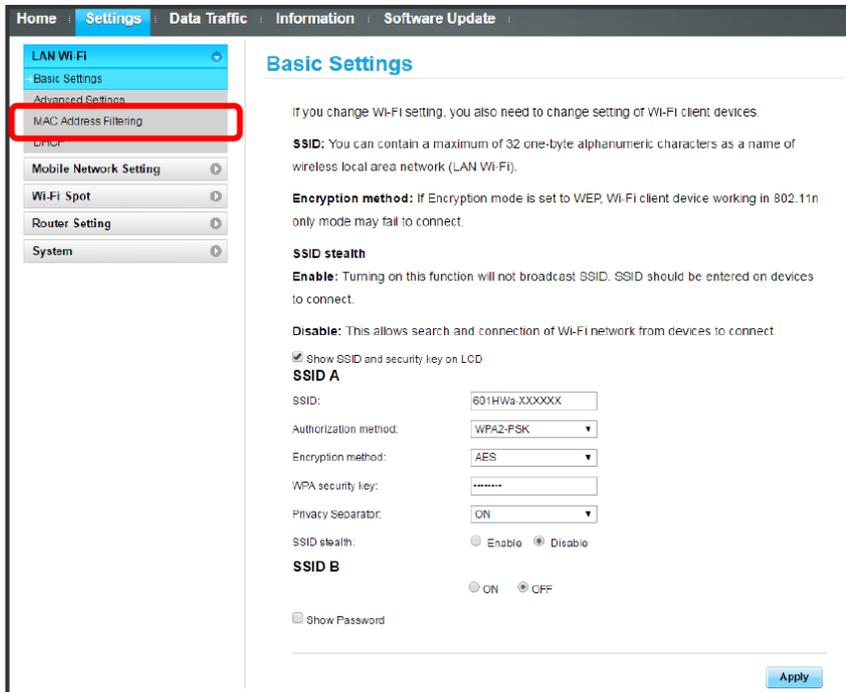
🚩 MAC Address Filtering is set.

Canceling MAC Address Filtering

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

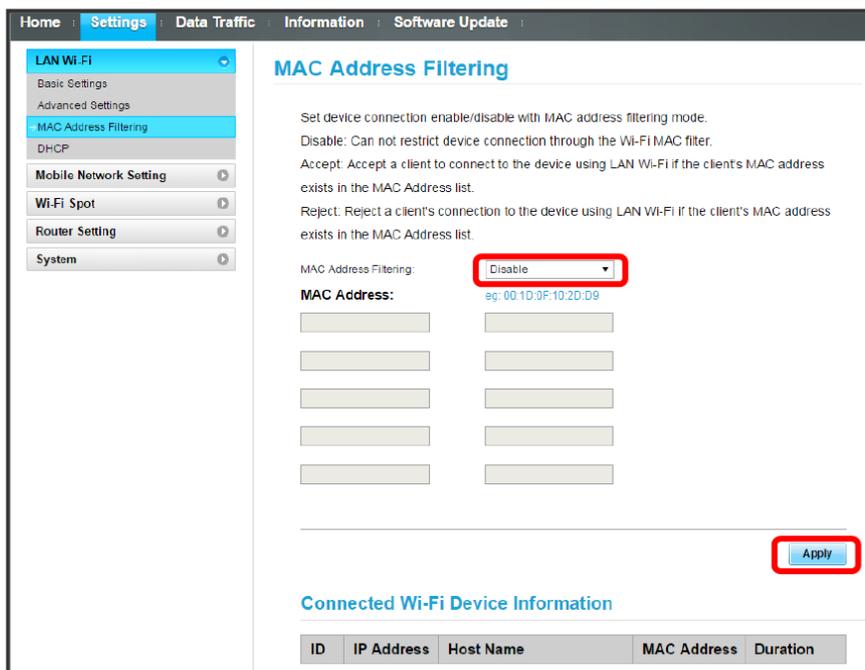
1

In Menu List, LAN Wi-Fi → MAC Address Filtering



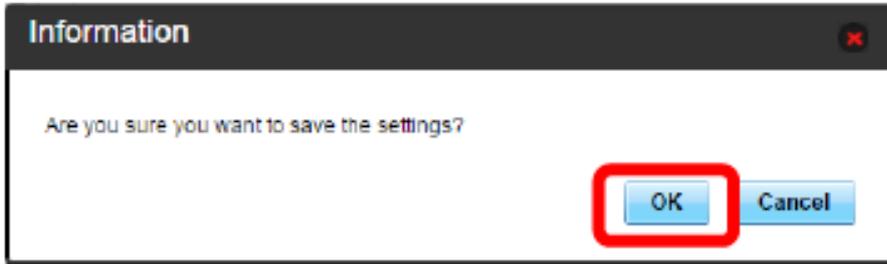
2

In "MAC Address Filtering," Disable → Apply



3

OK



 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

1

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

The screenshot shows the DHCP configuration page. The left sidebar has 'LAN Wi-Fi' selected, and 'DHCP' is highlighted with a red box. The main content area is titled 'Basic Settings' and contains the following text and controls:

If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices.

SSID: You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).

Encryption method: If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.

SSID stealth

Enable: Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.

Disable: This allows search and connection of Wi-Fi network from devices to connect.

Show SSID and security key on LCD

SSID A

SSID:

Authorization method:

Encryption method:

WPA security key:

Privacy Separator:

SSID stealth: Enable Disable

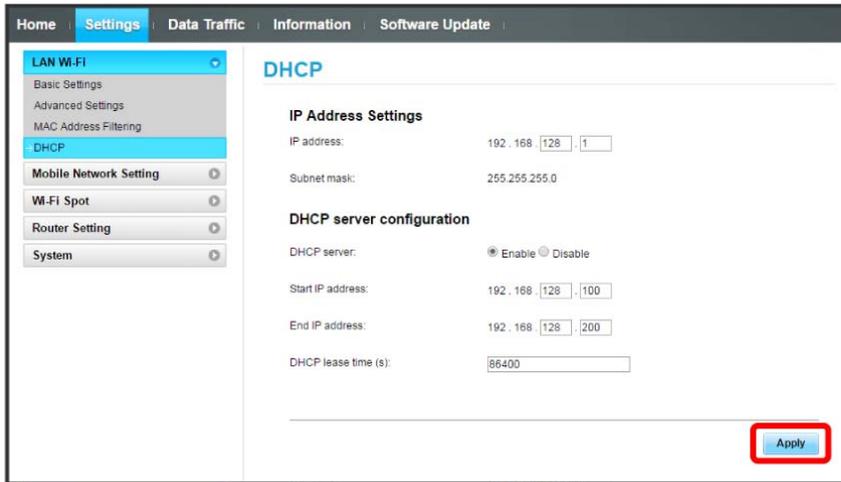
SSID B

ON OFF

Show Password

2

Set each item → Apply



🚩 DHCP is set.

Setting Mobile Network

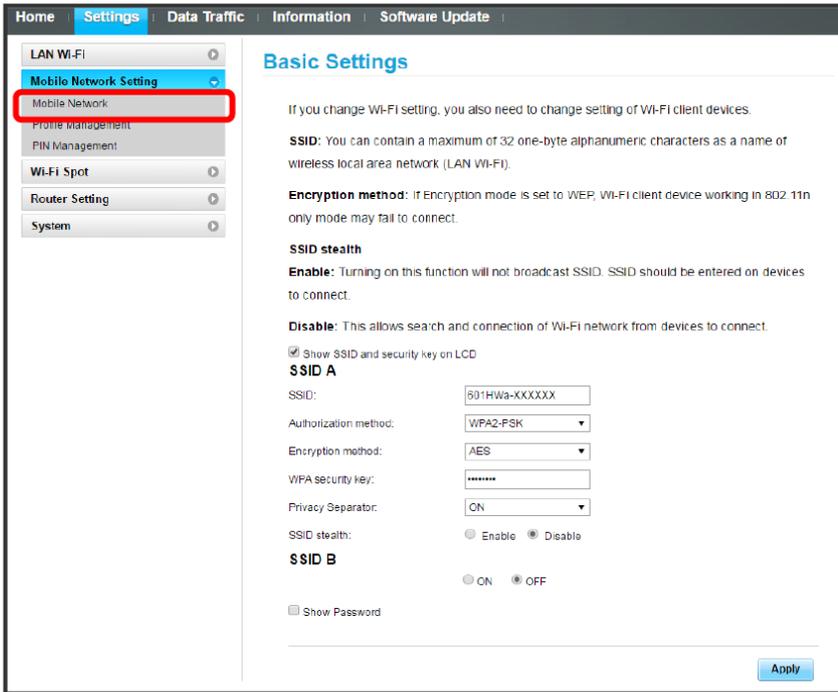
Make advanced settings when using 4G/LTE/3G network.

Setting Network Search

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

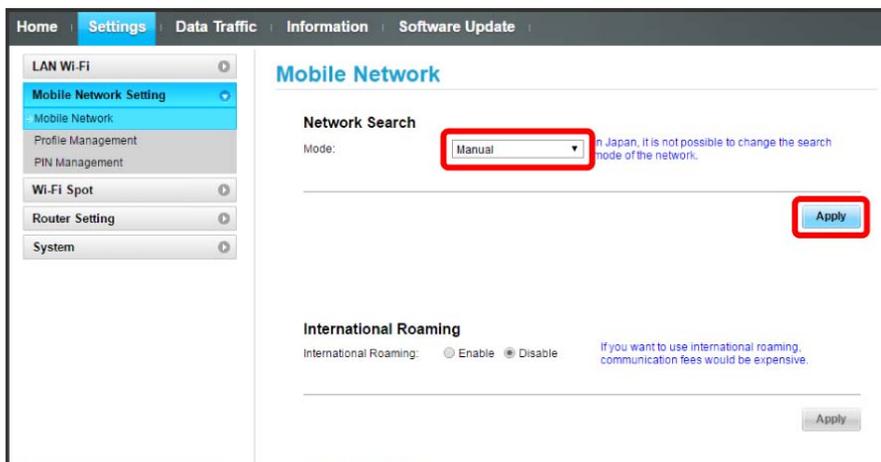
1

In Menu List, **Mobile Network Setting** → **Mobile Network**



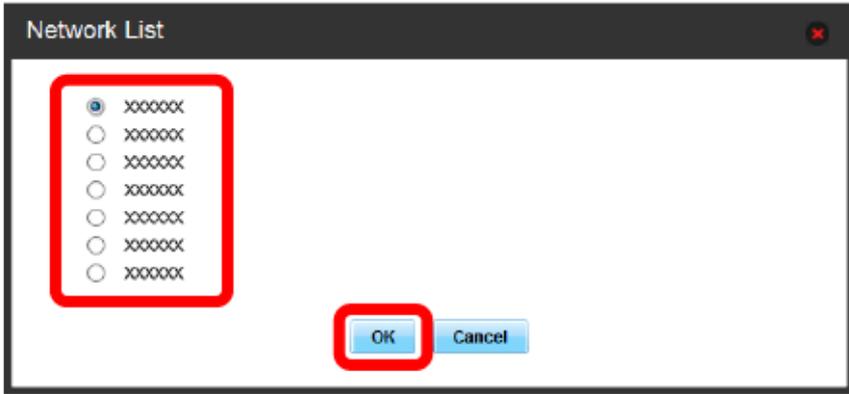
2

In network search mode, **Manual** → **Apply**



3

Select the network →

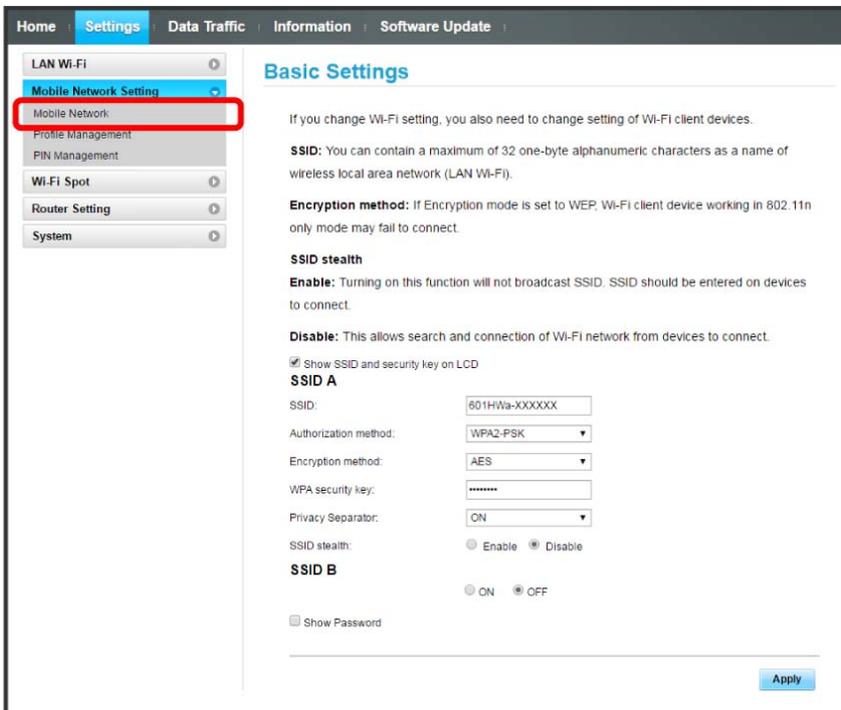


 Network search is set.

International Roaming

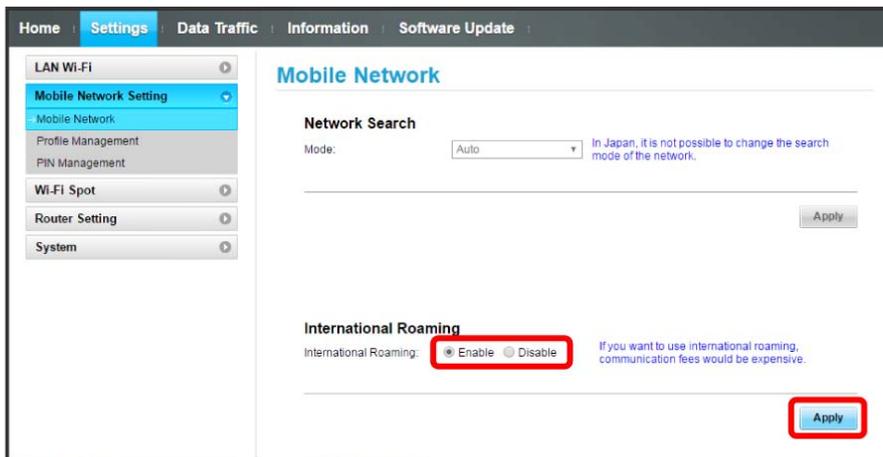
1

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.

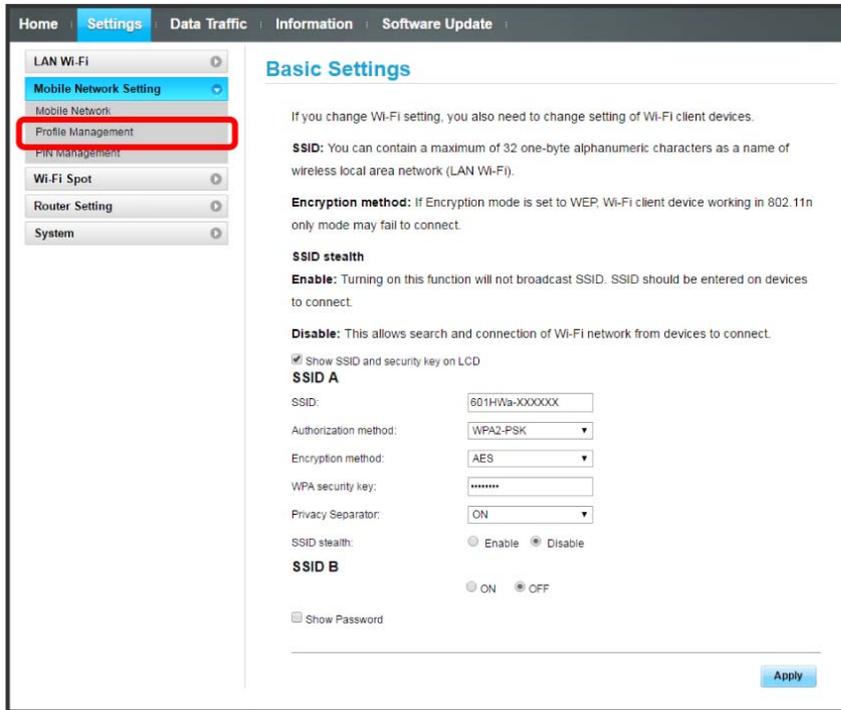
Creating Profile

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

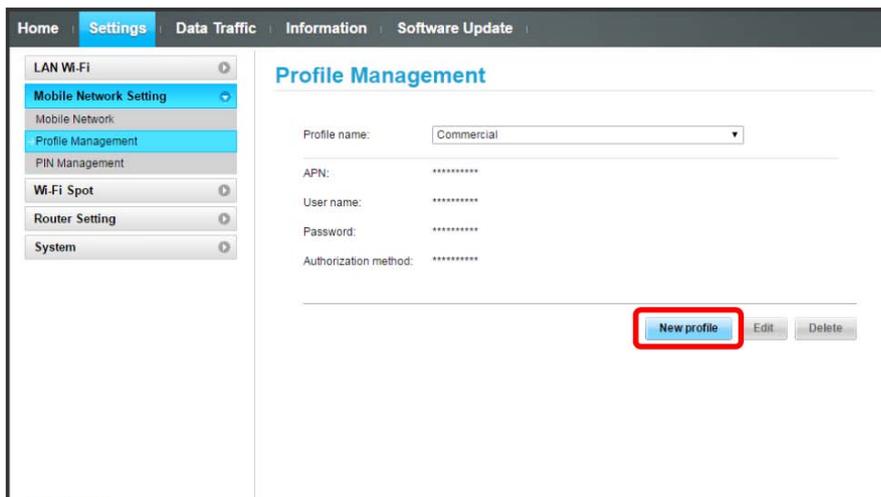
1

In Menu List, Mobile Network Setting ➔ Profile Management



2

New profile



3

Set each item →

New profile ✕

Profile name:

APN:

User name:

Password:

Authentication:

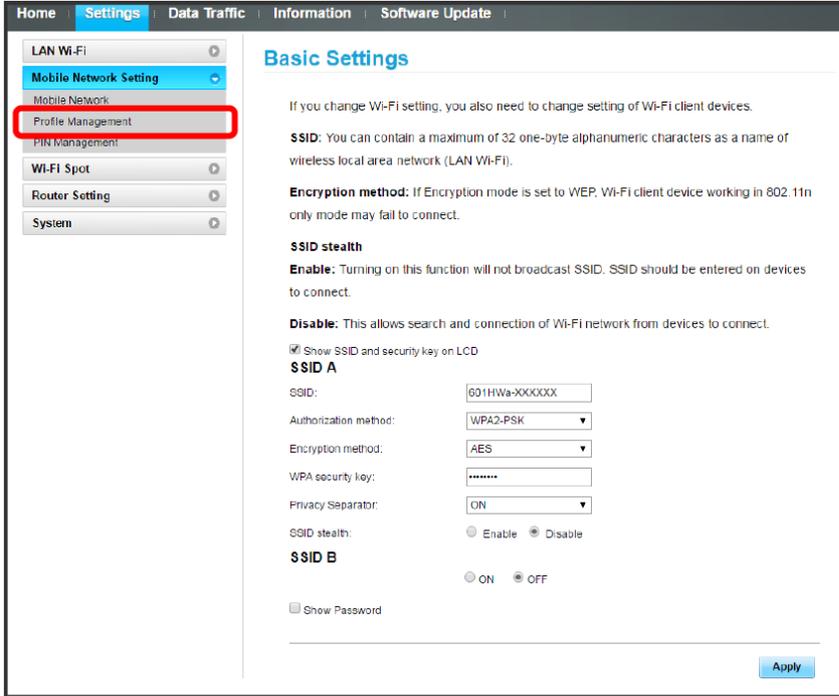
 Created profile appears for profile name.

Editing Profile

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

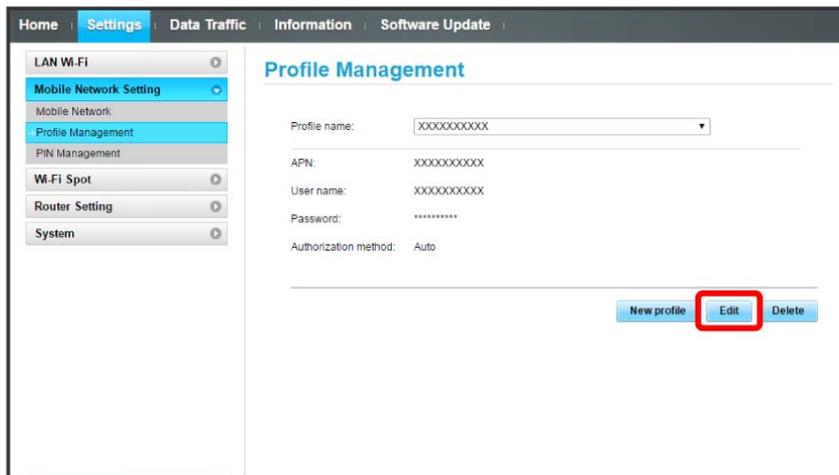
1

In Menu List, Mobile Network Setting → Profile Management



2

Select profile name → Edit



3

Enter each item →

Edit ✕

Profile name:

APN:

User name:

Password:

Authentication:

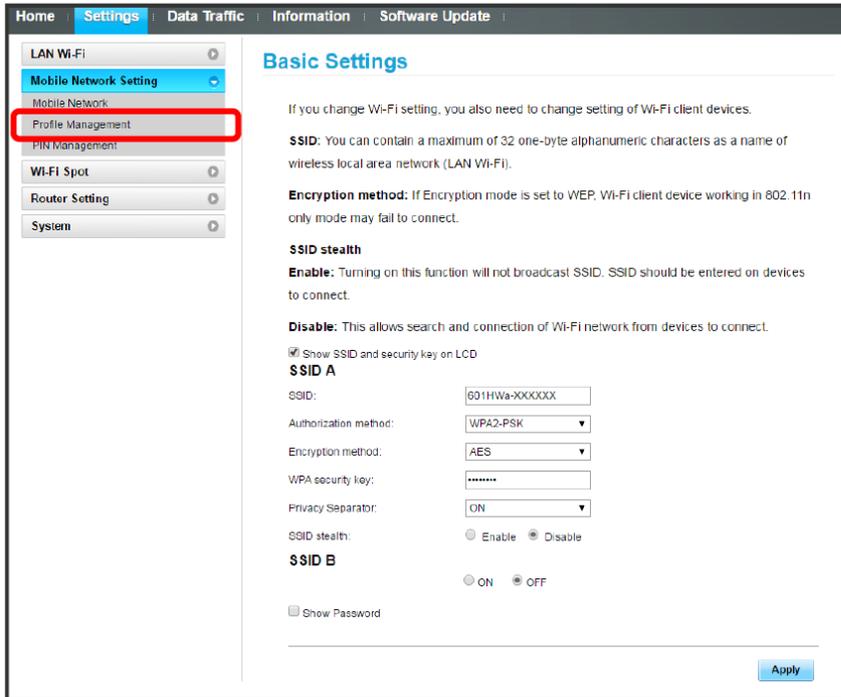
 Edited information appears.

Deleting Profile

Delete created profiles.
Preset profiles are not deleted.

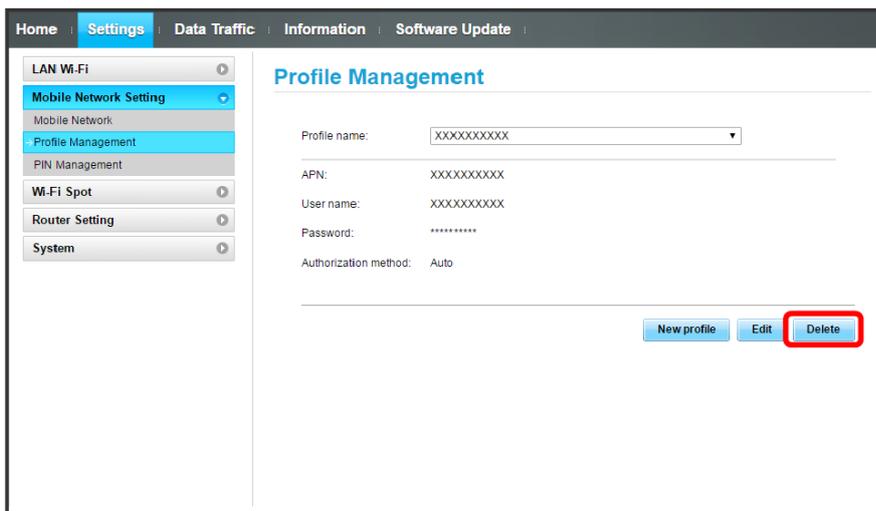
1

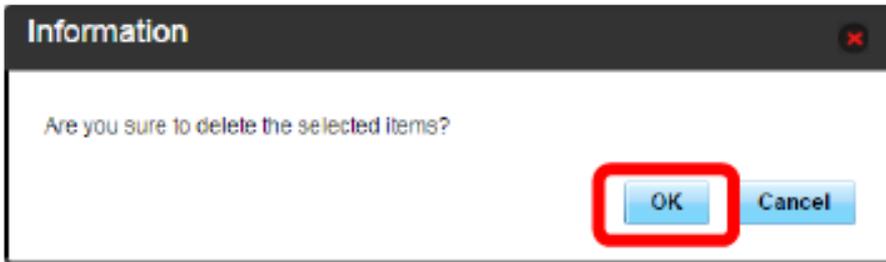
In Menu List, Mobile Network Setting → Profile Management



2

Select profile name → Delete





 Profile is deleted.

USIM PIN

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

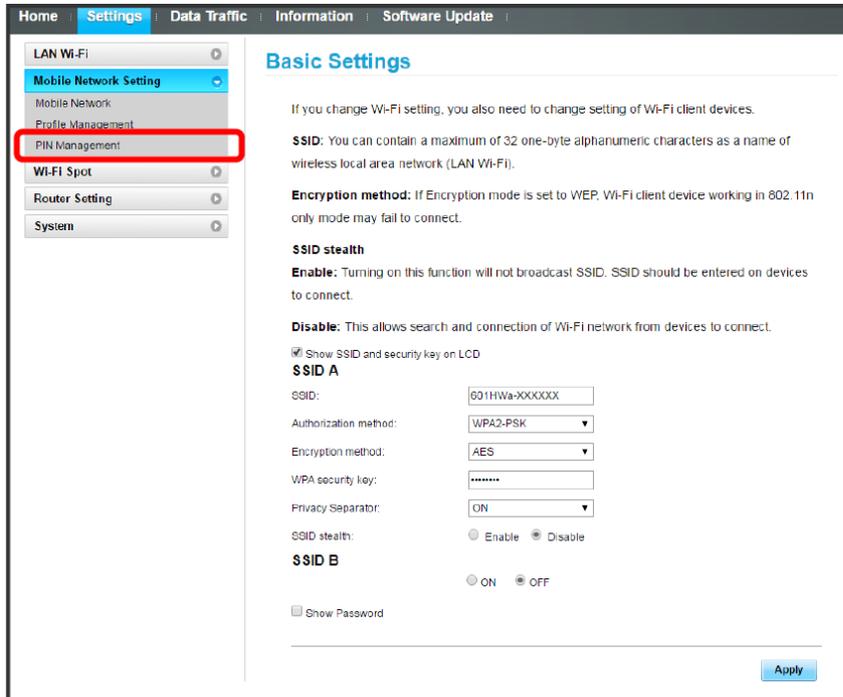
- Set PIN verification to **Enable** to use Wi-Fi router by PIN entry on Wi-Fi router or WEB UI when Wi-Fi router is powered on.
- Incorrectly entering PIN code three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact [Customer Service](#), General 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.

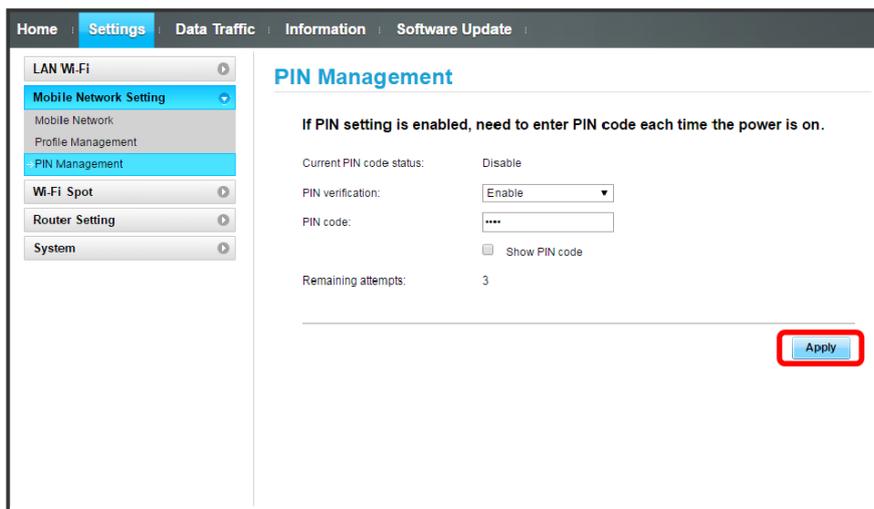
1

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.

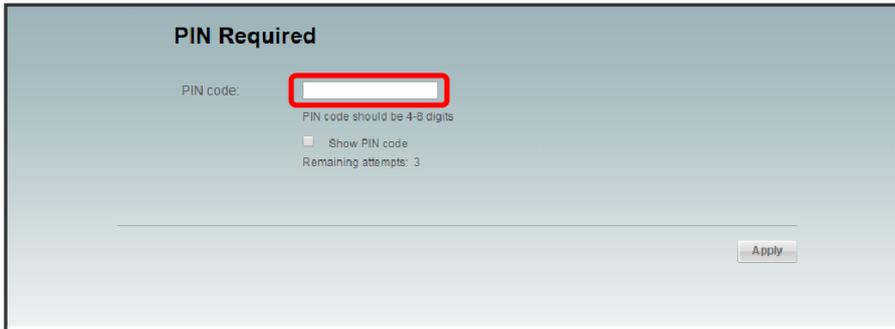
PIN Verification (WEB UI)

1

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

2

Enter four- to eight-digit PIN code



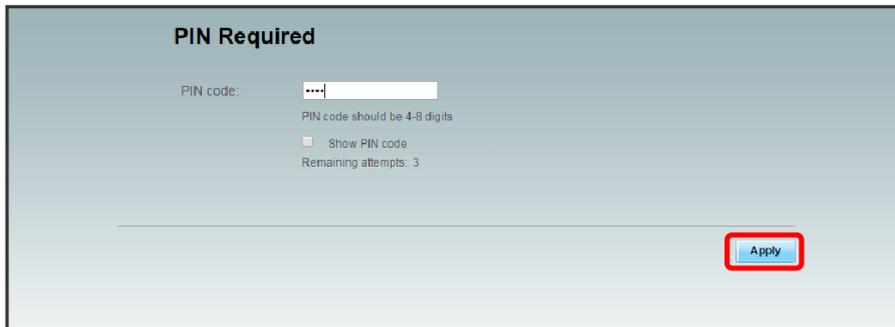
PIN Required

PIN code:

PIN code should be 4-8 digits

Show PIN code

Remaining attempts: 3

3

PIN Required

PIN code:

PIN code should be 4-8 digits

Show PIN code

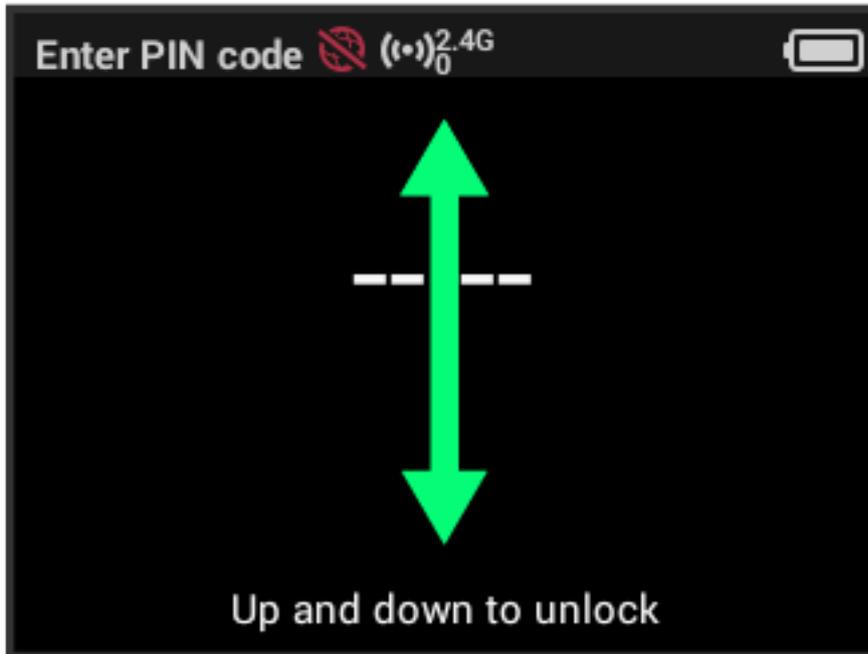
Remaining attempts: 3

 When correct PIN is entered, Home Page appears.

PIN Verification (Wi-Fi Router)

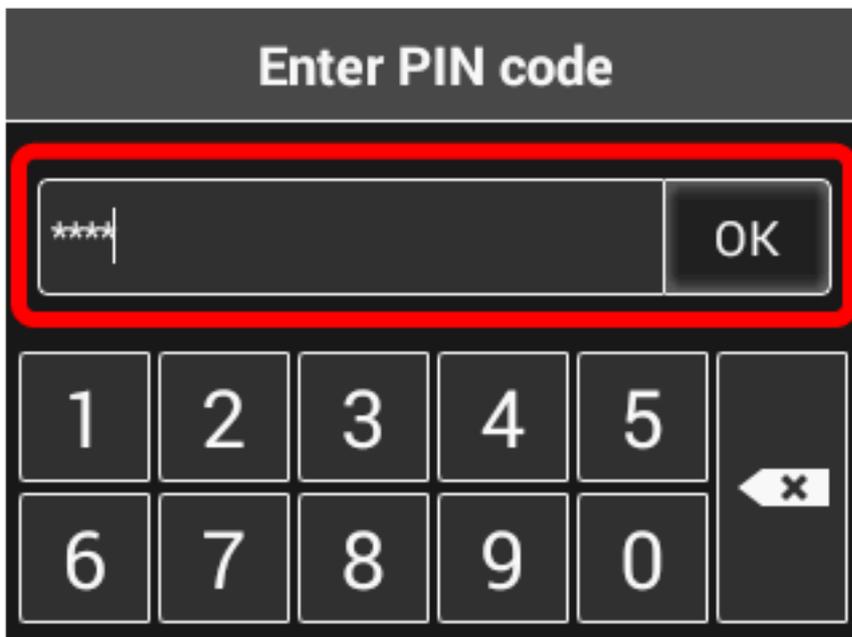
1

Slide Display up or down to unlock



2

Enter four- to eight-digit PIN → OK



🚩 When correct PIN is entered, Home Screen appears.

Changing PIN

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

1

In Menu List, [Mobile Network Setting](#) → [PIN Management](#)

Home | Settings | Data Traffic | Information | Software Update

LAN Wi-Fi | Mobile Network Setting | Mobile Network | Profile Management | PIN Management | Wi-Fi Spot | Router Setting | System

Basic Settings

If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices.

SSID: You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).

Encryption method: If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.

SSID stealth

Enable: Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.

Disable: This allows search and connection of Wi-Fi network from devices to connect.

Show SSID and security key on LCD

SSID A

SSID:

Authorization method:

Encryption method:

WPA security key:

Privacy Separator:

SSID stealth: Enable Disable

SSID B

ON OFF

Show Password

2

Set "PIN verification" to [Modify](#) → [Set required items](#) → [Apply](#)

Home | Settings | Data Traffic | Information | Software Update

LAN Wi-Fi | Mobile Network Setting | Mobile Network | Profile Management | PIN Management | Wi-Fi Spot | Router Setting | System

PIN Management

If PIN setting is enabled, need to enter PIN code each time the power is on.

Current PIN code status: Enable

PIN verification:

PIN code:

New PIN:

Confirm PIN:

Show PIN code

Remaining attempts: 3

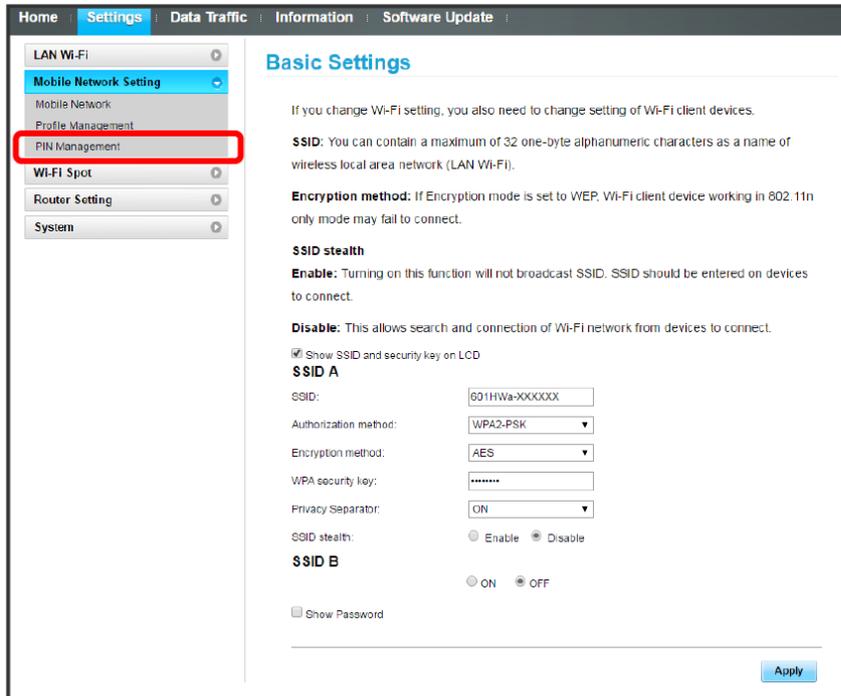
 PIN is modified.

Canceling PIN Verification

Disable PIN verification.

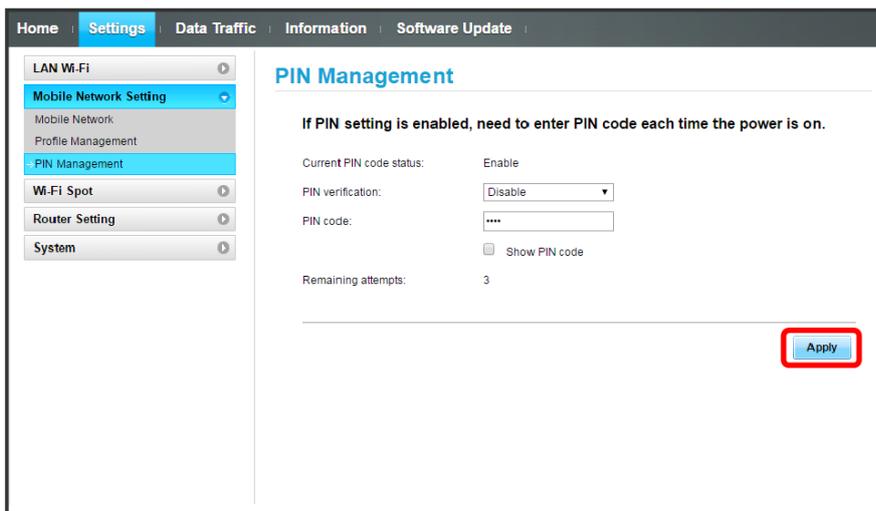
1

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

In Menu List, [Wi-Fi Spot](#) → [Wi-Fi Spot](#) → [Add network](#) → [Enter SSID](#) → [Select authorization method](#) → [Enter password \(Security Key\)](#) → [Apply](#)

 Wi-Fi router connects to the entered Wi-Fi name device.

! Note on Changing Wi-Fi Spot Settings

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

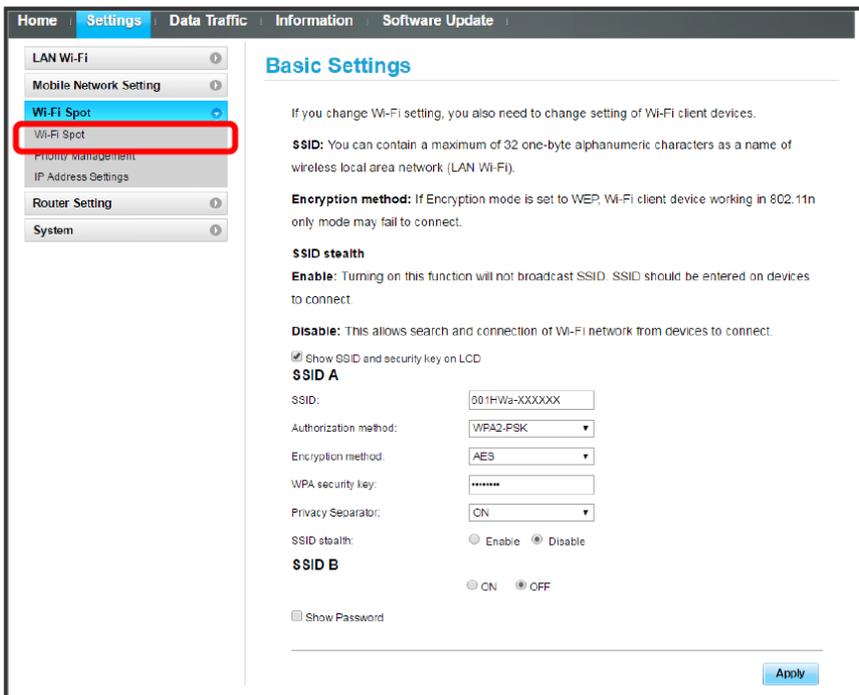
Wi-Fi Spot Settings

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](#)

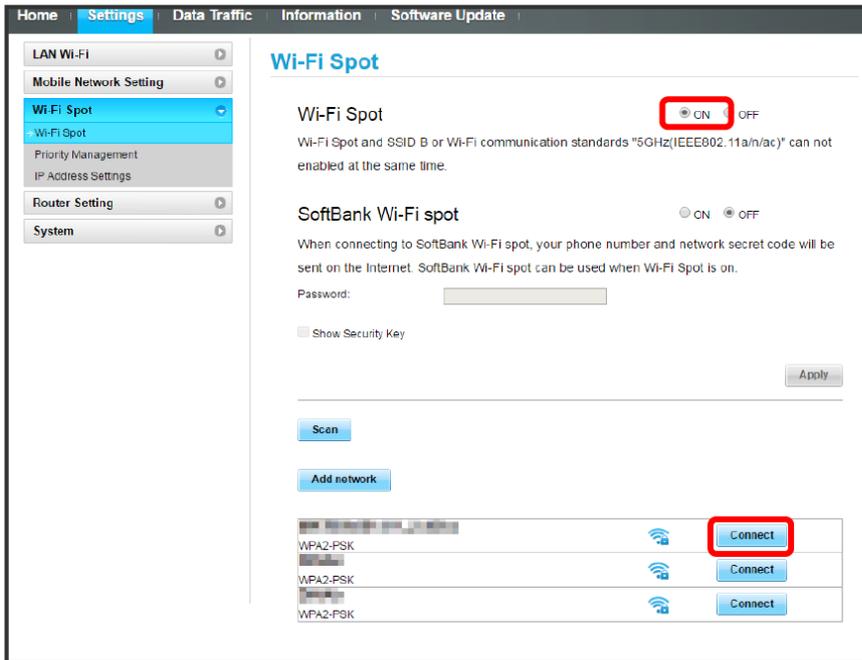


The screenshot shows the router's web interface with the following content:

- Navigation:** Home, Settings (selected), Data Traffic, Information, Software Update.
- Left Menu:** LAN Wi-Fi, Mobile Network Setting, **Wi-Fi Spot** (highlighted with a red box), Priority Management, IP Address Settings, Router Setting, System.
- Page Title:** Basic Settings
- Text:** "If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices."
- SSID:** "You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi)."
 - Field: 001HWa-XXXXXX
- Encryption method:** "If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect."
 - Field: WPA2-FSK
- Encryption method:** Field: AES
- WPA security key:** Field: *****
- Privacy Separator:** Field: CN
- SSID stealth:** Radio buttons: Enable (selected), Disable
- SSID B:** Radio buttons: CN (selected), OFF
- Show Password:**
- Buttons:** Apply

2

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.

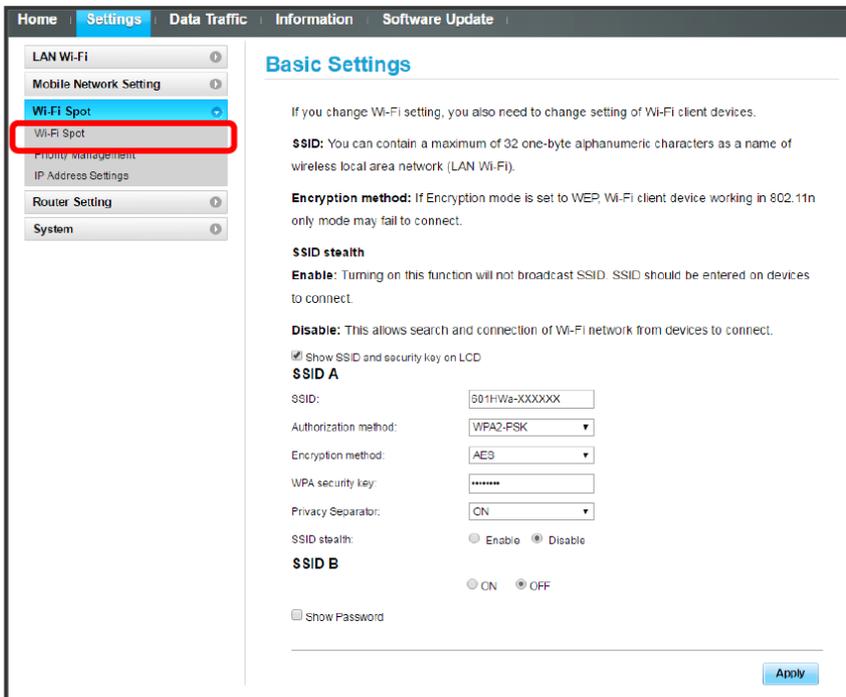
Setting Up SoftBank Wi-Fi Spot

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.

1

In Menu List, **Wi-Fi Spot** → **Wi-Fi Spot**



2

Confirm that "Wi-Fi Spot" is set to **ON** → 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.

3

Enter SoftBank Wi-Fi spot password

Home Settings Data Traffic Information Software Update

LAN Wi-Fi

Mobile Network Setting

Wi-Fi Spot

Priority Management

IP Address Settings

Router Setting

System

Wi-Fi Spot

Wi-Fi Spot ON OFF

Wi-Fi Spot and SSID B or Wi-Fi communication standards "5GHz(IEEE802.11a/n/ac)" can not enabled at the same time.

SoftBank Wi-Fi spot ON OFF

When connecting to SoftBank Wi-Fi spot, your phone number and network secret code will be sent on the Internet. SoftBank Wi-Fi spot can be used when Wi-Fi Spot is on.

Password:

Show Security Key

Apply

4

Apply

Home Settings Data Traffic Information Software Update

LAN Wi-Fi

Mobile Network Setting

Wi-Fi Spot

Priority Management

IP Address Settings

Router Setting

System

Wi-Fi Spot

Wi-Fi Spot ON OFF

Wi-Fi Spot and SSID B or Wi-Fi communication standards "5GHz(IEEE802.11a/n/ac)" can not enabled at the same time.

SoftBank Wi-Fi spot ON OFF

When connecting to SoftBank Wi-Fi spot, your phone number and network secret code will be sent on the Internet. SoftBank Wi-Fi spot can be used when Wi-Fi Spot is on.

Password:

Show Security Key

Apply

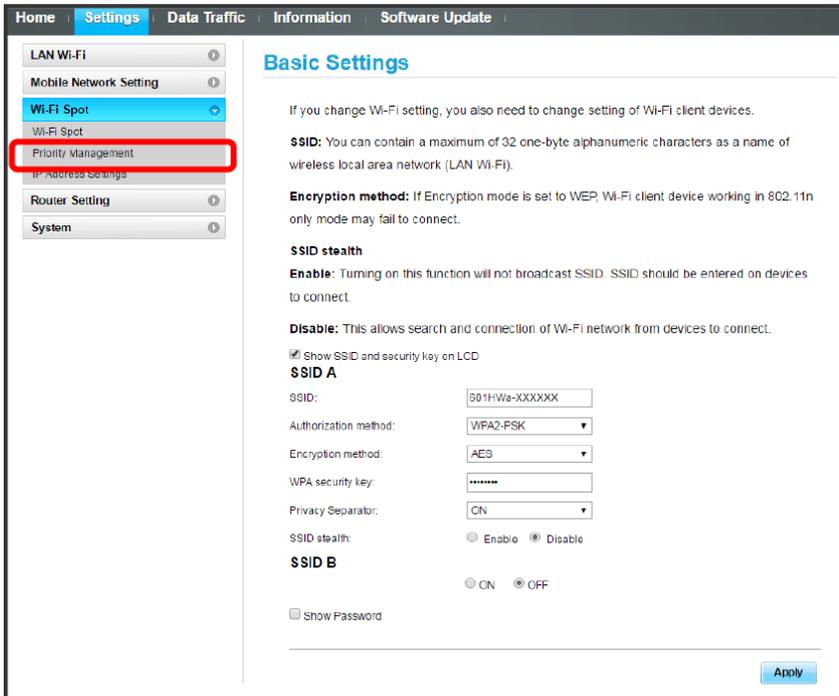
🚩 SoftBank Wi-Fi Spot setup is complete.

Preferred Access Point

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

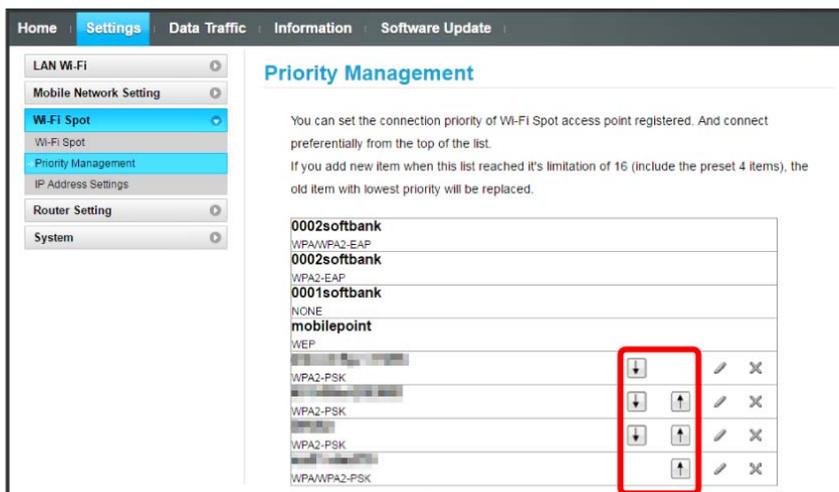
1

In Menu List, **Wi-Fi Spot** → **Priority Management**



2

↑ / ↓ for access point



Access point name moves up or down with each click of ↑ / ↓ and preference is set.

- To edit access point, ✎ → Edit set content → Click **Apply** .
- To delete access point, ✕ → Click **OK** .

Pre-set Access Points

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

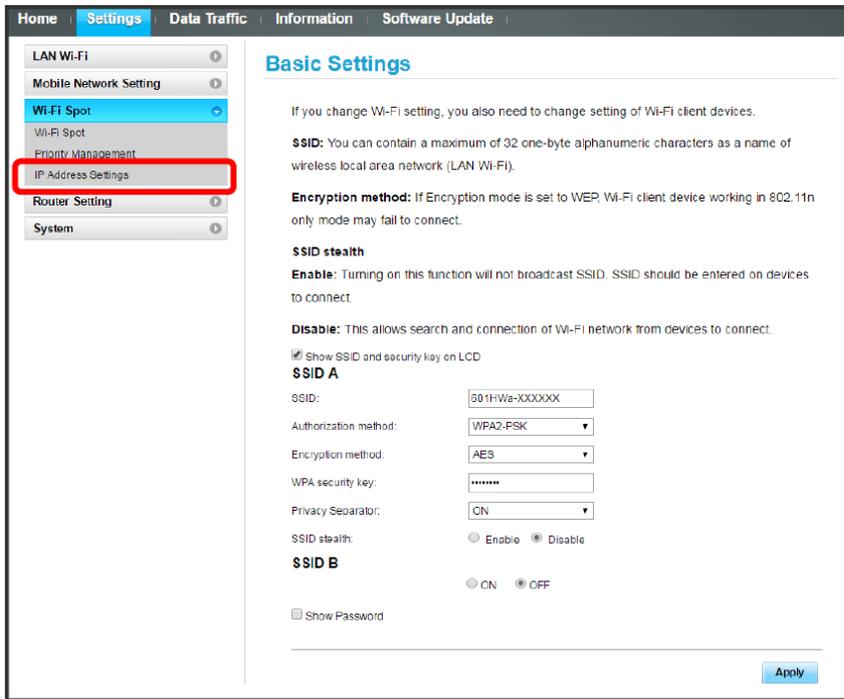
Setting IP Address

Set the following items and set IP address.

Item	Description
IP address	Enter IP address
Subnet mask	Enter subnet mask
Default gateway	Enter default gateway
Primary DNS server	Enter primary DNS server
Secondary DNS server	Enter secondary DNS server

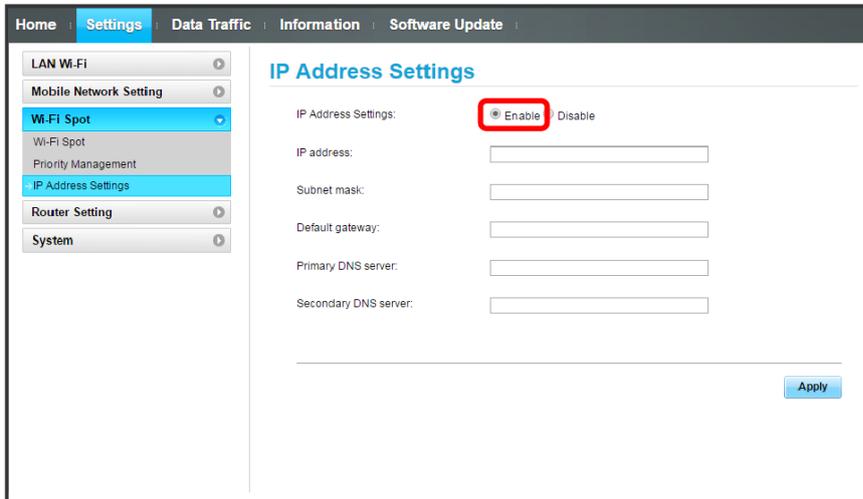
1

In Menu List, **Wi-Fi Spot** → **IP Address Settings**

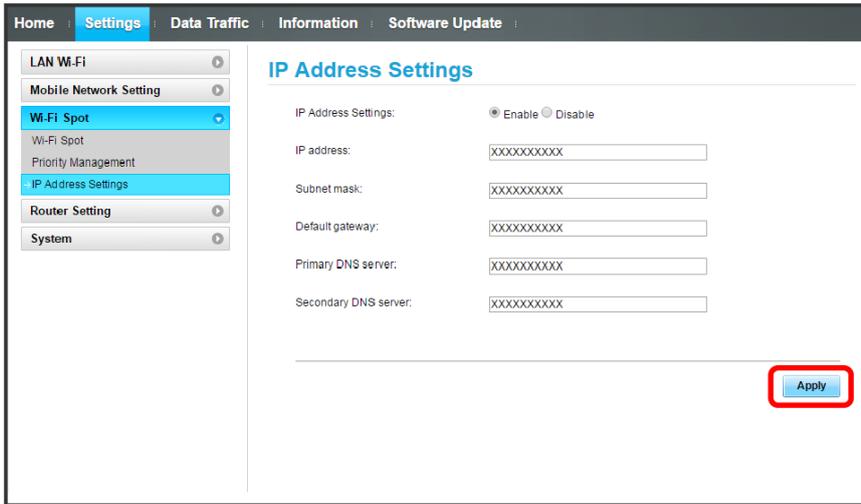


2

In "IP Address Settings," **Enable**



Set each item → [Apply](#)



The screenshot shows a web-based network management interface. At the top, there is a navigation bar with tabs for Home, Settings, Data Traffic, Information, and Software Update. The 'Settings' tab is active. On the left side, there is a sidebar menu with the following items: LAN W-Fi, Mobile Network Setting, W-Fi Spot (highlighted in blue), Wi-Fi Spot, Priority Management, IP Address Settings (highlighted in blue), Router Setting, and System. The main content area is titled 'IP Address Settings'. It contains a section for 'IP Address Settings' with a radio button to 'Enable' (selected) and a radio button to 'Disable'. Below this are five input fields: 'IP address', 'Subnet mask', 'Default gateway', 'Primary DNS server', and 'Secondary DNS server', each containing 'XXXXXXXXXX'. At the bottom right of the main content area, there is a blue 'Apply' button highlighted with a red rectangle.

🚩 IP address settings are made.

Router Setting

Set router function such as Firewall and IP address filter.

Firewall Switch

Set Firewall function.

Setting items are as follows:

Item	Description
Firewall	Set whether to use Firewall function
IP address filtering	Set whether to use IP Address Filter function
WAN port ping reply	Set whether to enable WAN ping to respond

1

In Menu List, [Router Setting](#) → [Firewall](#)

The screenshot displays the router's web management interface. The top navigation bar includes 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The left sidebar menu is expanded to show 'Router Setting', which is highlighted with a red box. Below it, 'Firewall' is also visible. The main content area is titled 'Basic Settings' and contains the following information:

- SSID:** You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).
- Encryption method:** If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.
- SSID stealth:**
 - Enable:** Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.
 - Disable:** This allows search and connection of Wi-Fi network from devices to connect.
- Show SSID and security key on LCD
- SSID A**
 - SSID:
 - Authorization method:
 - Encryption method:
 - WPA security key:
 - Privacy Separator:
 - SSID stealth: Enable Disable
- SSID B**
 - ON OFF
- Show Password

An 'ADD' button is located at the bottom right of the settings area.

Set each item → [Apply](#)

Home | Settings | Data Traffic | Information | Software Update

LAN Wi-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

Firewall

This page will show you how to enable firewall filter function. IP address filter function and WAN port ping reply function are available only when firewall is enabled.

- Firewall
- IP address filtering
- WAN port ping reply

[Apply](#)

🚩 Firewall is set.

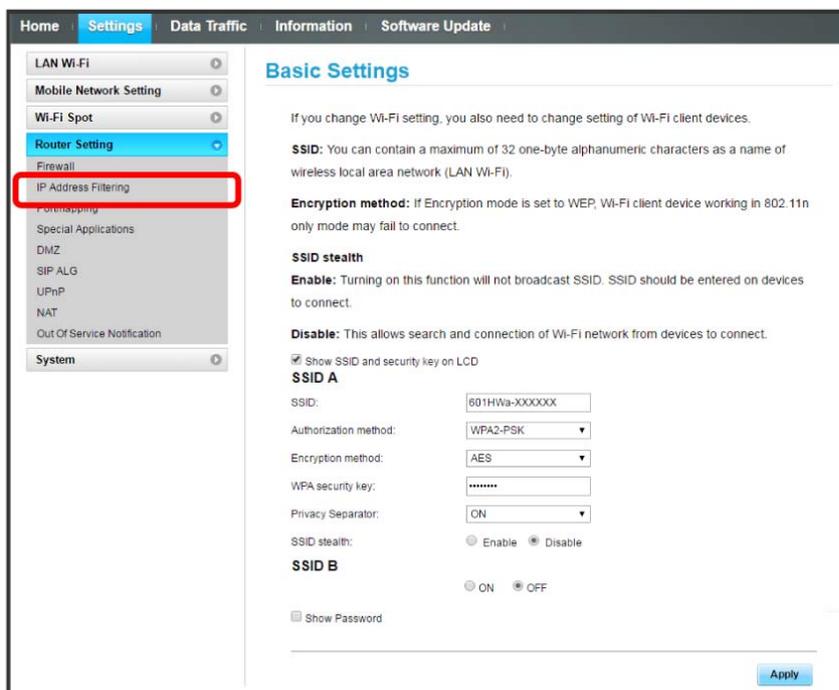
Setting IP Address and Port Filtering

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
Status	Set whether to apply rules
Options	Save or delete rules

1

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**

The screenshot shows the 'IP Address Filtering' configuration page. The left sidebar has 'Router Setting' expanded, with 'IP Address Filtering' selected. The main content area is titled 'IP Address Filtering' and contains the following text:

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LAN/WAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LAN/WAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

⚠️ **Attention:** Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
Add						

Apply

Add

The screenshot shows the 'IP Address Filtering' configuration page. The left sidebar has 'Router Setting' expanded, with 'IP Address Filtering' selected. The main content area is titled 'IP Address Filtering' and contains the following text:

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LAN/WAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LAN/WAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

⚠️ **Attention:** Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
Add						

Apply

4

Enter each item → OK

Home | Settings | Data Traffic | Information | Software Update

LAN Wi-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

IP Address Filtering

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LAN/WAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LAN/WAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

⚠️ **Attention:** Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
				TCP/UDP	OFF	OK Cancel

Add

Apply

- 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.

5

Apply

Home | Settings | Data Traffic | Information | Software Update

LAN Wi-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

IP Address Filtering

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LAN/WAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LAN/WAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

⚠️ **Attention:** Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
				TCP/UDP	OFF	Edit Delete

Add

Apply

🏠 IP address filtering is set.

Canceling IP Address and Port Filtering

1

In Menu List, **Router Setting** → **IP Address Filtering**

The screenshot shows the router's configuration interface. The left sidebar has a menu with 'Router Setting' selected and 'IP Address Filtering' highlighted with a red box. The main panel is titled 'Basic Settings' and contains the following information:

- SSID:** You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).
- Encryption method:** If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.
- SSID stealth:**
 - Enable:** Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.
 - Disable:** This allows search and connection of Wi-Fi network from devices to connect.
- Show SSID and security key on LCD
- SSID A:**
 - SSID: 601HWa-XXXXXX
 - Authorization method: WPA2-PSK
 - Encryption method: AES
 - WPA security key:
 - Privacy Separator: ON
 - SSID stealth: Enable Disable
- SSID B:** ON OFF
- Show Password

An 'Apply' button is located at the bottom right of the main panel.

2

In "Filter mode," **Blacklist** / **Whitelist**

The screenshot shows the 'IP Address Filtering' configuration page. The 'Filter mode' section has 'Blacklist' selected with a red box. Below it is a table for the LAN IP Filter List.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
<input type="button" value="Add"/>						

An 'Apply' button is located at the bottom right of the main panel.

3

Delete

Home Settings Data Traffic Information Software Update

LAN W-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

IP Address Filtering

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LANWAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LANWAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

※Attention: Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
192.168.1.1	80	192.168.1.1	80	TCP/UDP	OFF	Edit Delete

Add

Apply

4

OK

Delete

Are you sure to delete the current list item?

OK Cancel

5

Apply

Home Settings Data Traffic Information Software Update

LAN W-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

IP Address Filtering

Filter packets using the following rules specified with protocol, port and IP address.

- Filter mode**
Blacklist: Access will not be able from LAN IP address specified to WAN IP address specified.
Whitelist: Access will be able only from LAN IP address specified to WAN IP address specified.
- LANWAN IP address:** Set the IP Address which you want to apply filter mode you select.
- LANWAN port:** Set the port value which you want to apply filter mode you set. The value range of LAN/WAN Port is 1-65535.

※Attention: Settings will not take effect until the "Apply" button is clicked.

Filter mode: Blacklist Whitelist

LAN IP Filter List

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
192.168.1.1	80	192.168.1.1	80	TCP/UDP	OFF	Edit Delete

Add

Apply

IP address 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

1

In Menu List, [Router Setting](#) → [Portmapping](#)

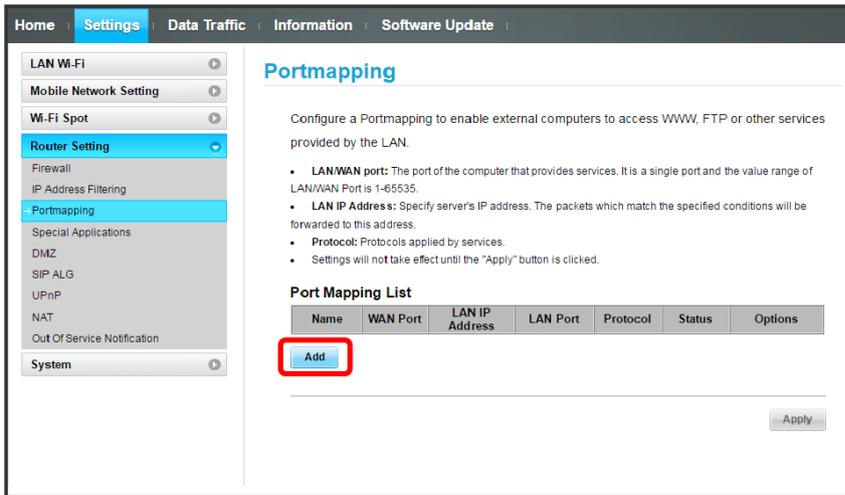
The screenshot displays the router's configuration interface. On the left, a navigation menu lists various settings, with 'Portmapping' under 'Router Setting' highlighted by a red rectangle. The main panel is titled 'Basic Settings' and contains the following information:

- SSID:** You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).
- Encryption method:** If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.
- SSID stealth:**
 - Enable:** Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.
 - Disable:** This allows search and connection of Wi-Fi network from devices to connect.
- Show SSID and security key on LCD
- SSID A**
 - SSID: 601HWa-XXXXXX
 - Authorization method: WPA2-PSK
 - Encryption method: AES
 - WPA security key: *****
 - Privacy Separator: ON
 - SSID stealth: Enable Disable
- SSID B**
 - ON OFF
- Show Password

An 'Apply' button is located at the bottom right of the configuration area.

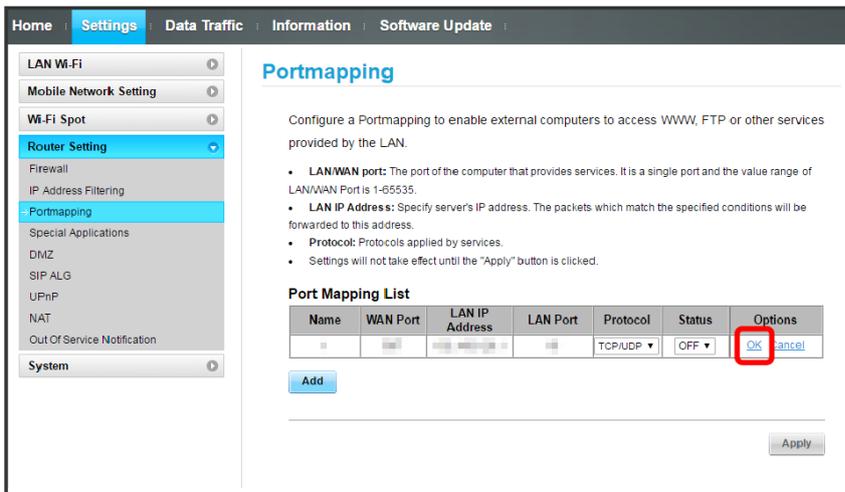
2

Add



3

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

The screenshot shows a router's web interface with the 'Portmapping' configuration page selected. The left sidebar contains a menu with categories: LAN Wi-Fi, Mobile Network Setting, Wi-Fi Spot, Router Setting (expanded), Special Applications, and System. Under 'Router Setting', 'Portmapping' is highlighted. The main content area is titled 'Portmapping' and includes a description, a list of configuration options, a table, and an 'Apply' button.

Portmapping

Configure a Portmapping to enable external computers to access WWW, FTP or other services provided by the LAN.

- **LANWAN port:** The port of the computer that provides services. It is a single port and the value range of LANWAN Port is 1-65535.
- **LAN IP Address:** Specify server's IP address. The packets which match the specified conditions will be forwarded to this address.
- **Protocol:** Protocols applied by services.
- Settings will not take effect until the "Apply" button is clicked.

Port Mapping List

Name	WAN Port	LAN IP Address	LAN Port	Protocol	Status	Options
				TCP/UDP	OFF	Edit Delete

[Add](#)

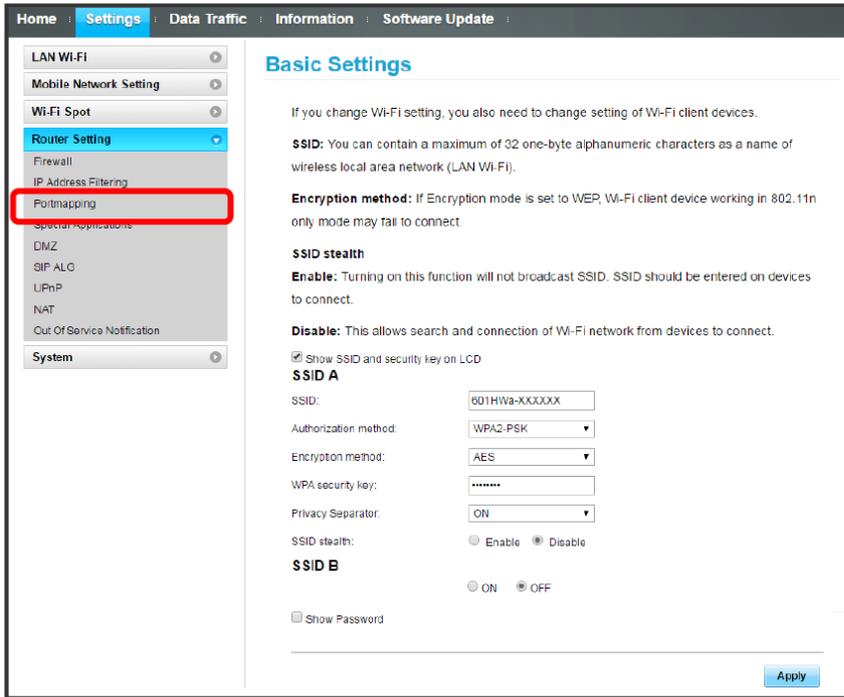
[Apply](#)

 Portmapping is set.

Canceling Portmapping

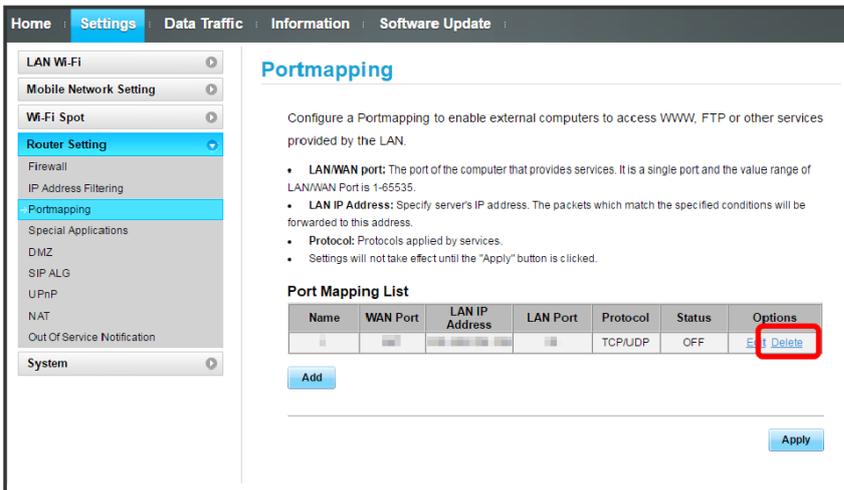
1

In Menu List, **Router Setting** → **Portmapping**



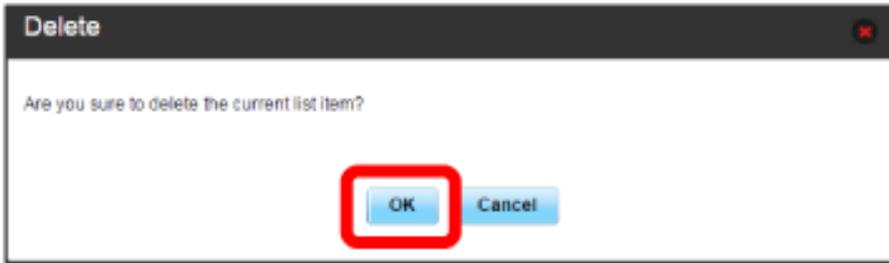
2

Delete



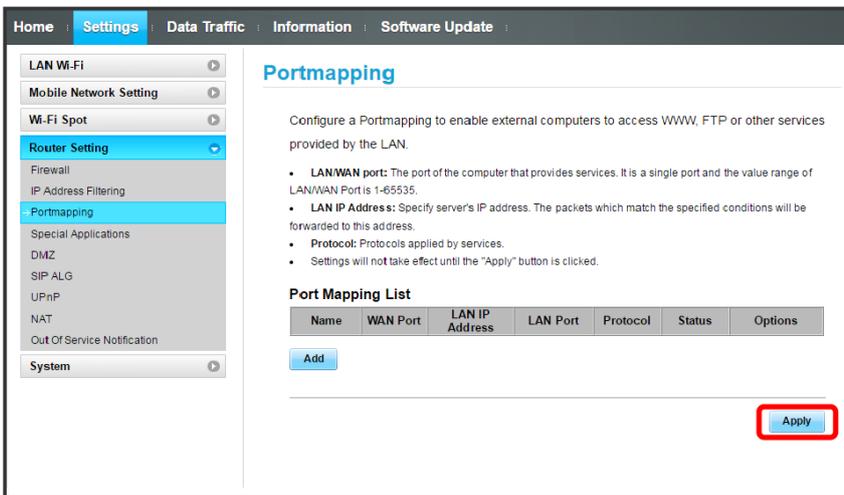
3

OK



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.

1

In Menu List, [Router Setting](#) → [Special Applications](#)

The screenshot shows the router's web interface. The top navigation bar includes 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The left sidebar menu is expanded to 'Router Setting', which includes 'Firewall', 'IP Address Filtering', 'Portmapping', 'Special Applications' (highlighted with a red box), 'DMZ', 'SIP ALG', 'UPnP', 'NAT', and 'Out Of Service Notification'. The main content area is titled 'Basic Settings' and contains instructions for Wi-Fi settings, including SSID, encryption method, and SSID stealth options. There are input fields for SSID, authorization method (WPA2-PSK), encryption method (AES), WPA security key, and privacy separator. There are also radio buttons for SSID stealth (Enable/Disable) and SSID B (ON/OFF). A 'Show Password' checkbox is at the bottom left, and an 'Apply' button is at the bottom right.

2

Add

Home | Settings | Data Traffic | Information | Software Update

LAN W-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

Special Applications

Configure parameters to allow the operation of special applications, such as online games, video conferencing, or IP phone, over the LAN.

- Trigger Port:** Outbound applications port.
- Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- Open protocol:** Protocols used by special applications.
- Open port:** Port used to access special applications over the Internet. It can be a single port or a range of ports. Up to 5 pairs of ports are supported. Use semicolons(;) to delimit ports. For detailed parameters please refer to specific applications descriptions.
- Settings will not take effect until the "Apply" button is clicked.

Special Applications List

Name	Status	Trigger Port	Trigger Protocol	Open protocol	Open port	Options
Add						

[Apply](#)

3

Enter each item → OK

Home | Settings | Data Traffic | Information | Software Update

LAN W-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

Special Applications

Configure parameters to allow the operation of special applications, such as online games, video conferencing, or IP phone, over the LAN.

- Trigger Port:** Outbound applications port.
- Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- Open protocol:** Protocols used by special applications.
- Open port:** Port used to access special applications over the Internet. It can be a single port or a range of ports. Up to 5 pairs of ports are supported. Use semicolons(;) to delimit ports. For detailed parameters please refer to specific applications descriptions.
- Settings will not take effect until the "Apply" button is clicked.

Special Applications List

Name	Status	Trigger Port	Trigger Protocol	Open protocol	Open port	Options
	OFF		TCP/UDP	TCP/UDP		OK Cancel

[Add](#)

[Apply](#)

Apply

Home | Settings | Data Traffic | Information | Software Update

LAN W-Fi
Mobile Network Setting
Wi-Fi Spot
Router Setting
Firewall
IP Address Filtering
Portmapping
Special Applications
DMZ
SIP ALG
UPnP
NAT
Out Of Service Notification
System

Special Applications

Configure parameters to allow the operation of special applications, such as online games, video conferencing, or IP phone over the LAN.

- Trigger Port:** Outbound applications port.
- Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- Open protocol:** Protocols used by special applications.
- Open port:** Port used to access special applications over the Internet. It can be a single port or a range of ports. Up to 5 pairs of ports are supported. Use semicolons(;) to delimit ports. For detailed parameters please refer to specific applications descriptions.
- Settings will not take effect until the "Apply" button is clicked.

Special Applications List

Name	Status	Trigger Port	Trigger Protocol	Open protocol	Open port	Options
	OFF		TCP/UDP	TCP/UDP		Edit Delete

[Add](#)

[Apply](#)

Special application settings are added.

Canceling Special Applications

1

In Menu List, **Router Setting** → **Special Applications**

Basic Settings

If you change Wi-Fi setting, you also need to change setting of Wi-Fi client devices.

SSID: You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).

Encryption method: If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.

SSID stealth

Enable: Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.

Disable: This allows search and connection of Wi-Fi network from devices to connect.

Show SSID and security key on LCD

SSID A

SSID:

Authorization method:

Encryption method:

WPA security key:

Privacy Separator:

SSID stealth: Enable Disable

SSID B

ON OFF

Show Password

[Apply](#)

2

Delete

Special Applications

Configure parameters to allow the operation of special applications, such as online games, video conferencing, or IP phone over the LAN.

- Trigger Port:** Outbound applications port.
- Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- Open protocol:** Protocols used by special applications.
- Open port:** Port used to access special applications over the Internet. It can be a single port or a range of ports. Up to 5 pairs of ports are supported. Use semicolons(;) to delimit ports. For detailed parameters please refer to specific applications descriptions.
- Settings will not take effect until the "Apply" button is clicked.

Special Applications List

Name	Status	Trigger Port	Trigger Protocol	Open protocol	Open port	Options
	OFF		TCP/UDP	TCP/UDP		Edit Delete

[Add](#)

[Apply](#)

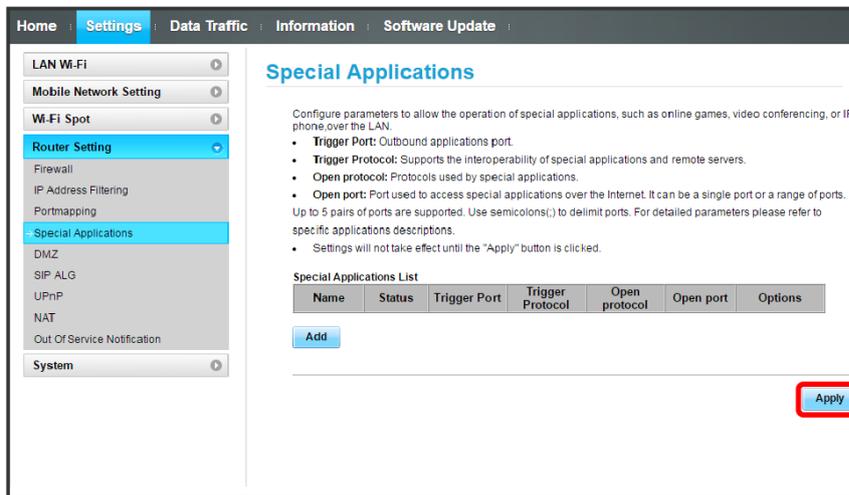
3

OK



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

1

In Menu List, [Router Setting](#) → [DMZ](#)

The screenshot shows the 'Basic Settings' page for Wi-Fi. The left sidebar has 'Router Setting' selected and highlighted with a red box. The main content area includes the following settings:

- SSID:** 601HWa-XXXXXX
- Authorization method:** WPA2-PSK
- Encryption method:** AES
- WPA security key:** *****
- Privacy Separator:** ON
- SSID stealth:** Disable (selected)
- SSID B:** OFF (selected)
- Show Password

An 'Apply' button is located at the bottom right of the settings area.

2

Set each item → [Apply](#)

The screenshot shows the 'DMZ' settings page. The left sidebar has 'DMZ' selected and highlighted in blue. The main content area includes the following settings:

- DMZ:** ON (selected)
- DMZ IP address:** [Empty field]

An 'Apply' button is highlighted with a red box at the bottom right of the settings area.

 DMZ 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

- 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" → **Apply** → Checkmark "SIP ALG" → **Apply** then reboot the SIP application.

· Refer to application user guide.

1

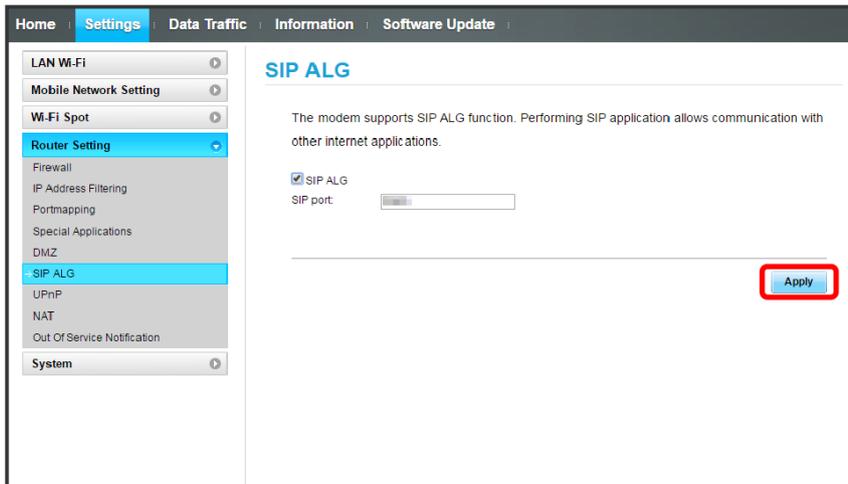
In Menu List, **Router Setting** → **SIP ALG**

The screenshot displays the router's web interface. On the left, a navigation menu is visible with 'Router Setting' expanded and 'SIP ALG' highlighted by a red rectangle. The main content area is titled 'Basic Settings' and contains the following information:

- SSID:** You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).
- Encryption method:** If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.
- SSID stealth:**
 - Enable:** Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.
 - Disable:** This allows search and connection of Wi-Fi network from devices to connect.
- Show SSID and security key on LCD
- SSID A**
 - SSID: 601HWa-XXXXXX
 - Authorization method: WPA2-PSK
 - Encryption method: AES
 - WPA security key:
 - Privacy Separator: ON
 - SSID stealth: Enable Disable
- SSID B**
 - ON OFF
- Show Password

An 'Apply' button is located at the bottom right of the settings area.

Set each item → [Apply](#)



The screenshot shows a web interface for configuring SIP ALG. The top navigation bar includes 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The left sidebar lists various settings categories: LAN W-Fi, Mobile Network Setting, Wi-Fi Spot, Router Setting (expanded), Firewall, IP Address Filtering, Portmapping, Special Applications, DMZ, SIP ALG (selected), UPnP, NAT, Out Of Service Notification, and System. The main content area is titled 'SIP ALG' and contains the following text: 'The modem supports SIP ALG function. Performing SIP application allows communication with other internet applications.' Below this text, there is a checked checkbox for 'SIP ALG' and a text input field for 'SIP port' with the value '5060'. At the bottom right of the main content area, there is a blue 'Apply' button highlighted with a red rectangle.

 SIP ALG settings are applied.

UPnP

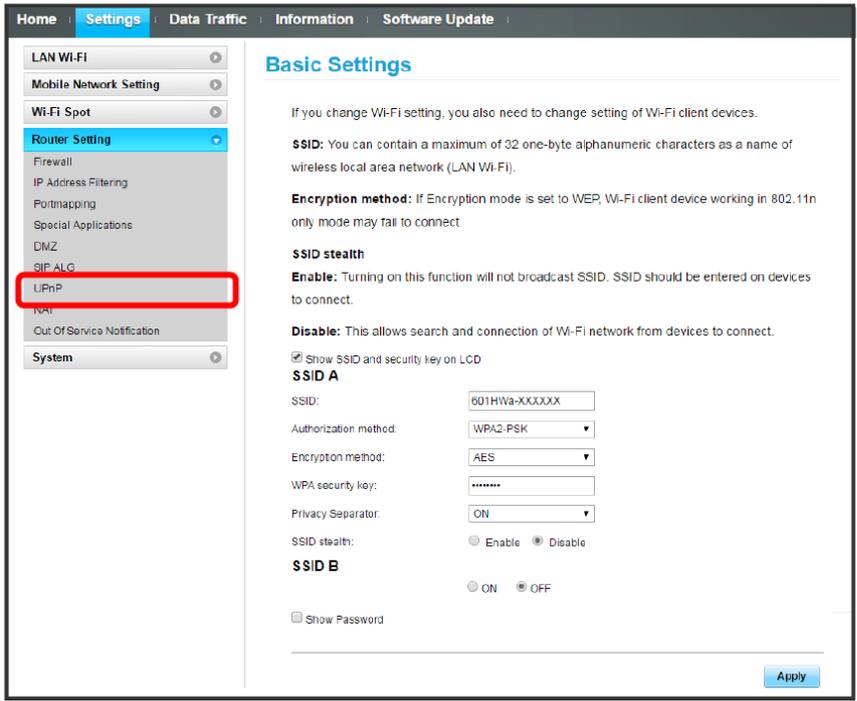
Set UPnP for using UPnP-compatible peripheral devices, audio visual devices, appliances and UPnP-compatible applications such as messenger software.

Setting items are as follows:

Item	Description
UPnP	Set whether to use UPnP

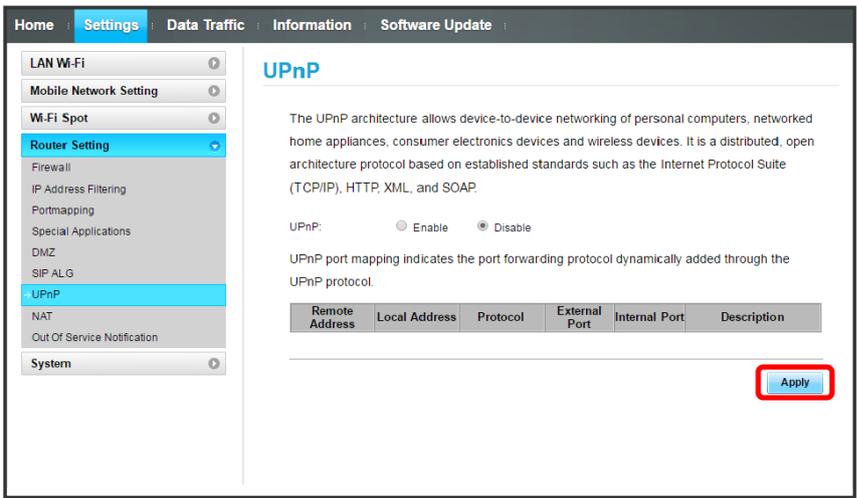
1

In Menu List, [Router Setting](#) → [UPnP](#)



2

[Enable](#) / [Disable](#) → [Apply](#)



 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

1

In Menu List, [Router Setting](#) → [NAT](#)

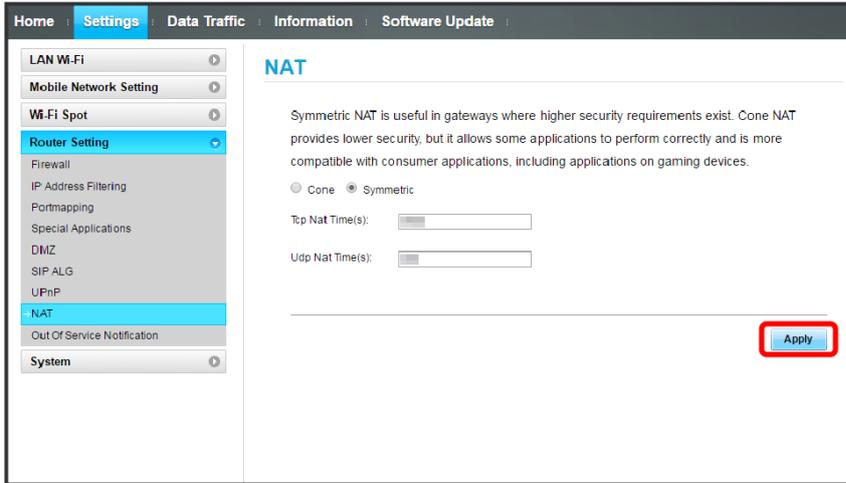
The screenshot displays the router's configuration interface. The top navigation bar includes 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The left sidebar lists various settings categories: LAN Wi-Fi, Mobile Network Setting, Wi-Fi Spot, Router Setting (highlighted), Firewall, IP Address Filtering, Portmapping, Special Applications, DMZ, SIP ALG, UPnP, NAT (highlighted with a red box), and System. The main content area is titled 'Basic Settings' and contains the following information:

- SSID:** You can contain a maximum of 32 one-byte alphanumeric characters as a name of wireless local area network (LAN Wi-Fi).
- Encryption method:** If Encryption mode is set to WEP, Wi-Fi client device working in 802.11n only mode may fail to connect.
- SSID stealth:**
 - Enable:** Turning on this function will not broadcast SSID. SSID should be entered on devices to connect.
 - Disable:** This allows search and connection of Wi-Fi network from devices to connect.
- Show SSID and security key on LCD
- SSID A**
 - SSID: 601H1Wa-XXXXXX
 - Authorization method: WPA2-PSK
 - Encryption method: AES
 - WPA security key: [masked]
 - Privacy Separator: ON
 - SSID stealth: Enable Disable
- SSID B**
 - ON OFF
- Show Password

An 'Apply' button is located at the bottom right of the settings area.

2

Cone / Symmetric → Enter each item → Apply



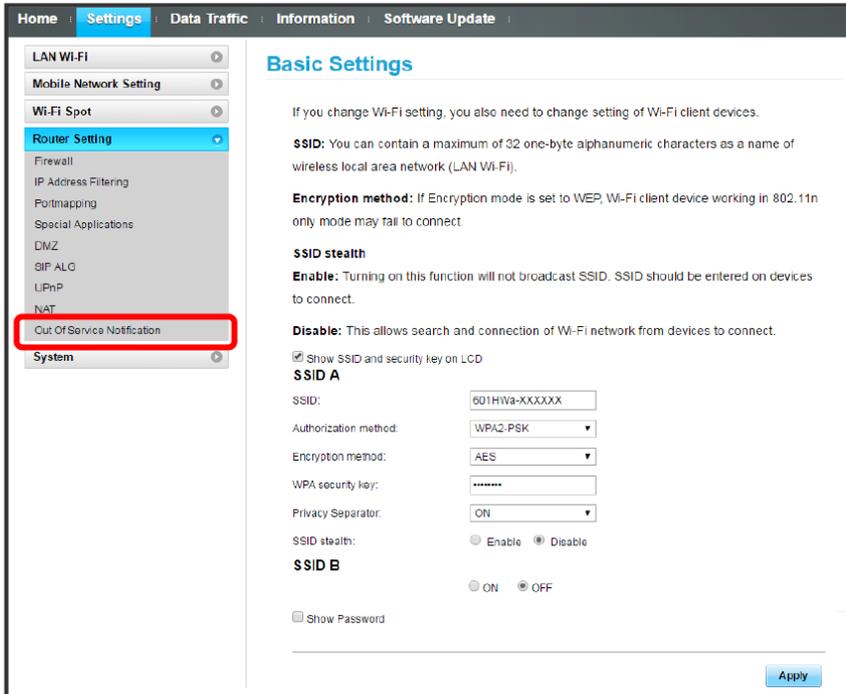
🚩 NAT settings are applied.

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.

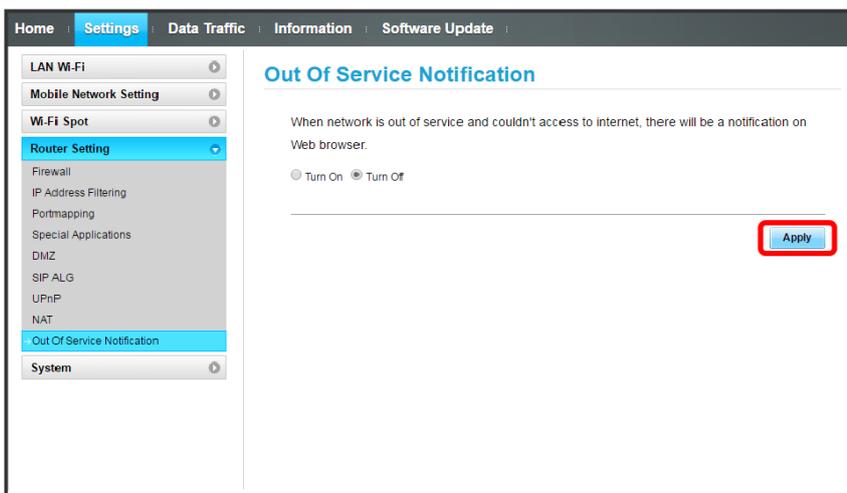
1

In Menu List, [Router Setting](#) → [Out Of Service Notification](#)



2

[Turn On](#) / [Turn Off](#) → [Apply](#)



 Out of service notification setting is applied.

System

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

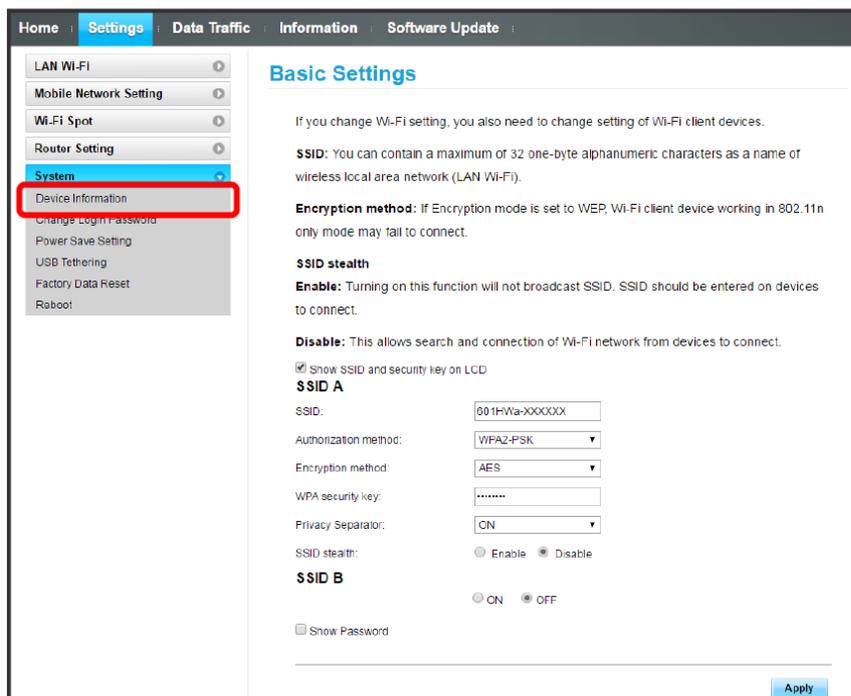
Checking Wi-Fi Router Information

Check device information such as software version.

Item	Description
Device name	Product name (601HW)
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

1

In Menu List, [System](#) → [Device Information](#)



 Check information.

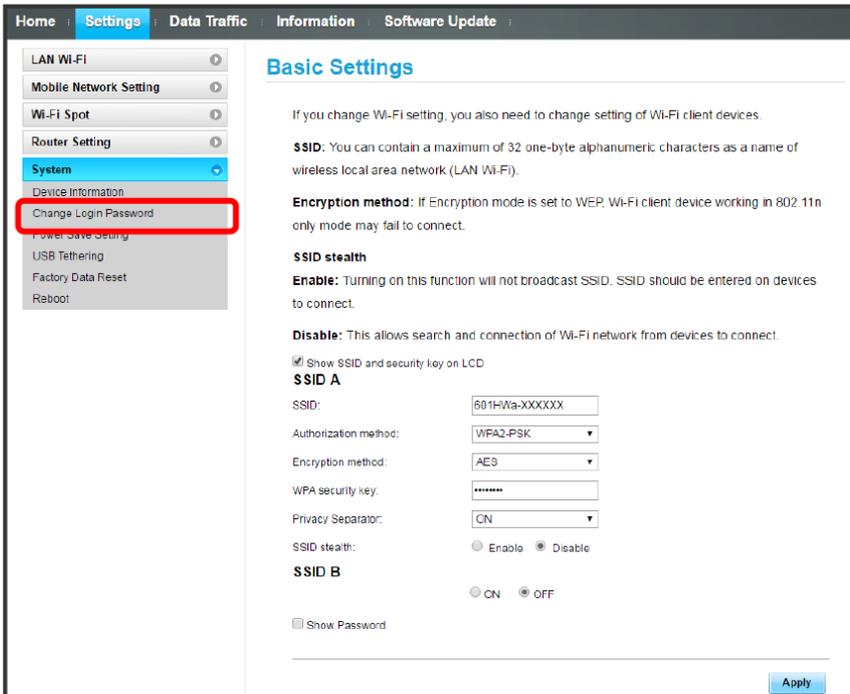
Changing Login Password for WEB UI

Change Login password.

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

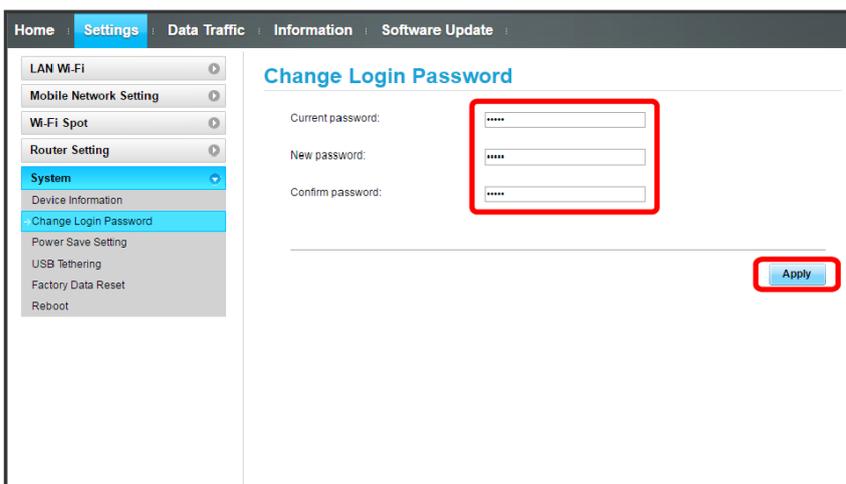
1

In Menu List, **System** → **Change Login Password**



2

Enter current password → Enter a new password → Re-enter the new password → **Apply**



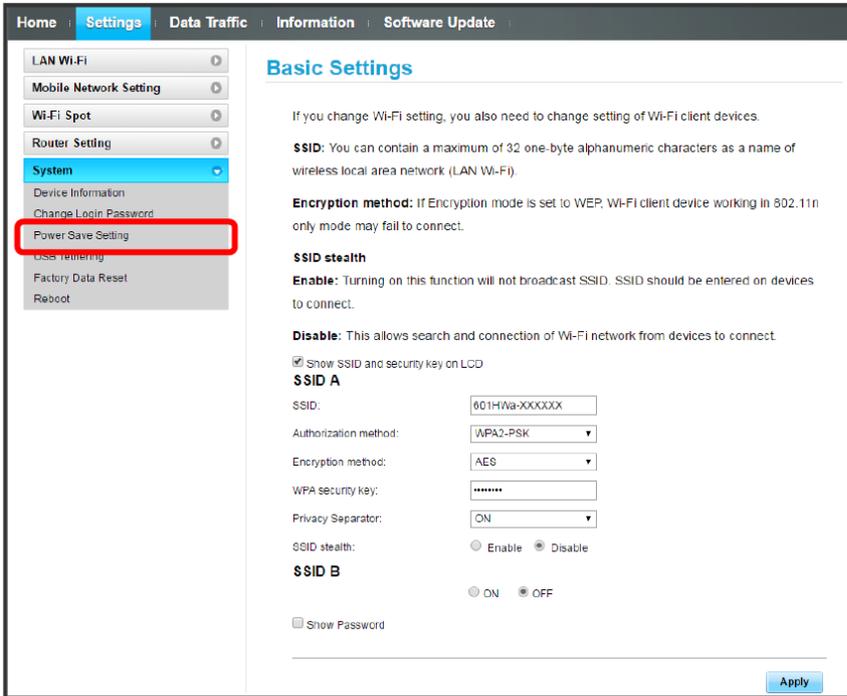
🚩 New password is set and WEB UI Home Page appears.

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.

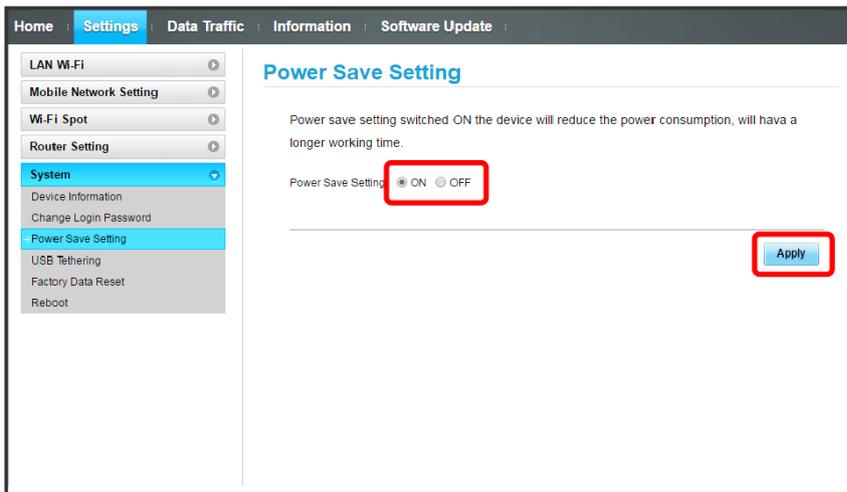
1

In Menu List, **System** → **Power Save Setting**



2

ON / OFF → Apply



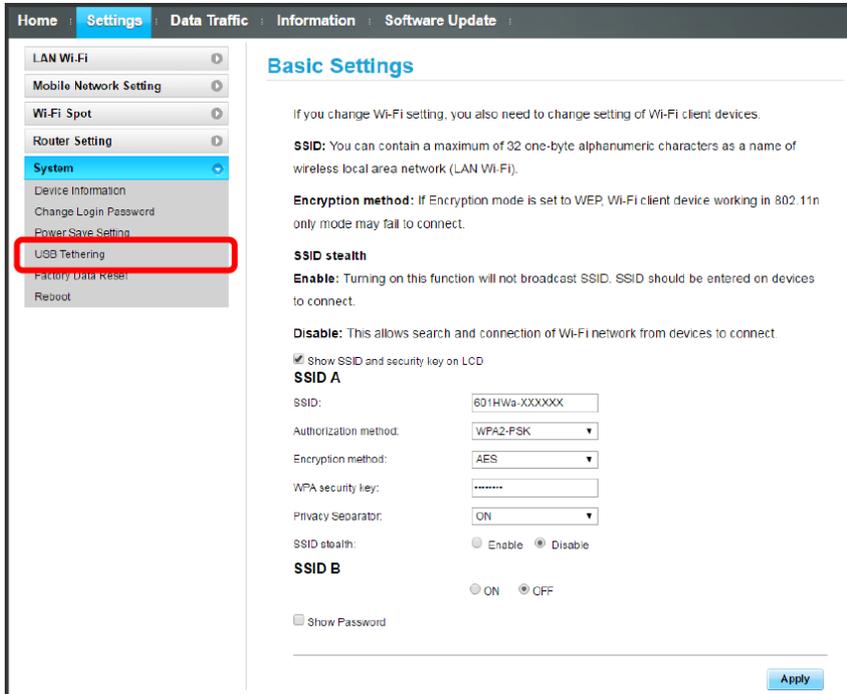
🏁 Power save setting is made.

Setting USB Tethering

Set USB standard.

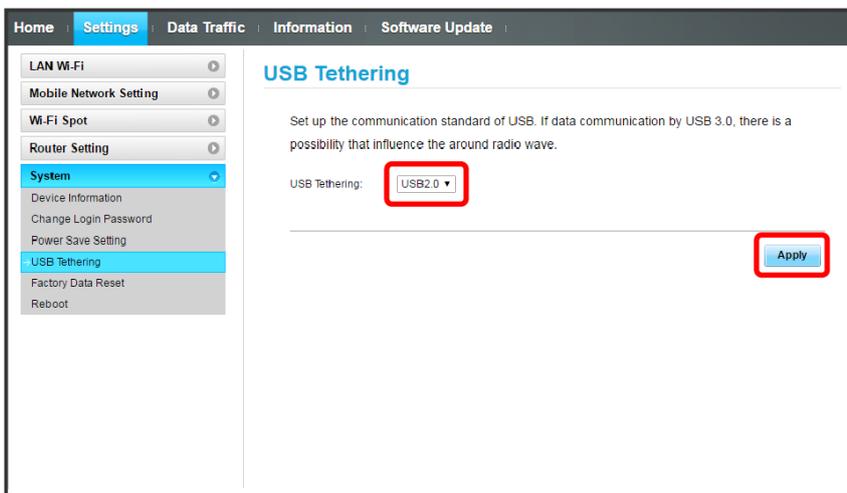
1

In Menu List, **System** → **USB Tethering**



2

USB2.0 / USB3.0 → Apply



 USB communication standard is set.

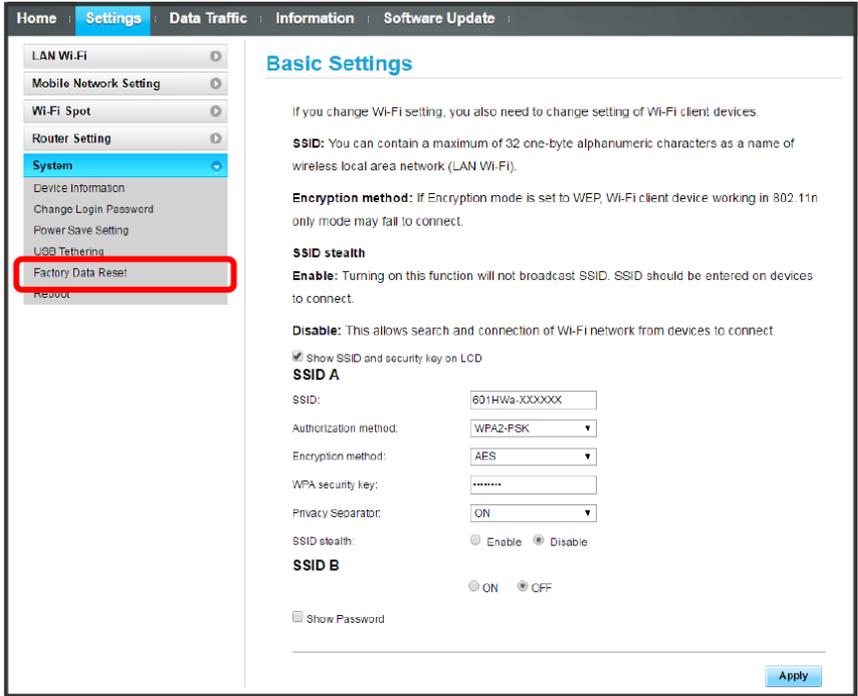
Resetting Wi-Fi Router

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."

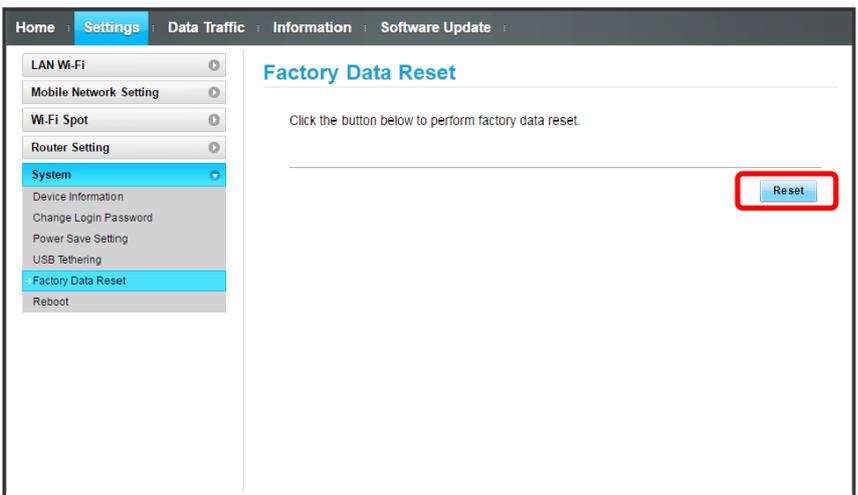
1

In Menu List, **System** → **Factory Data Reset**



2

Reset



3

OK

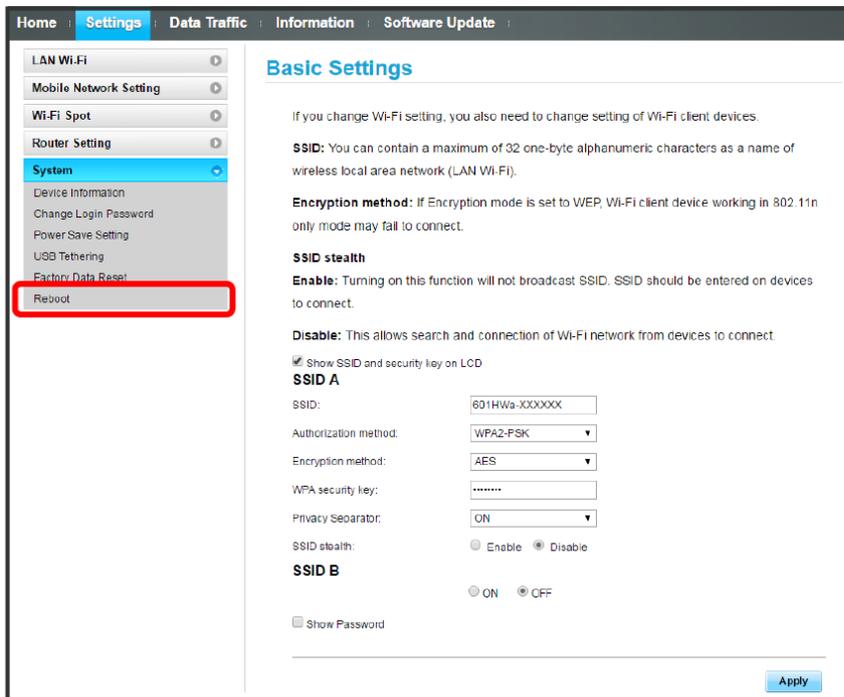


🚩 Wi-Fi router reboots to its default settings.

Rebooting Wi-Fi Router

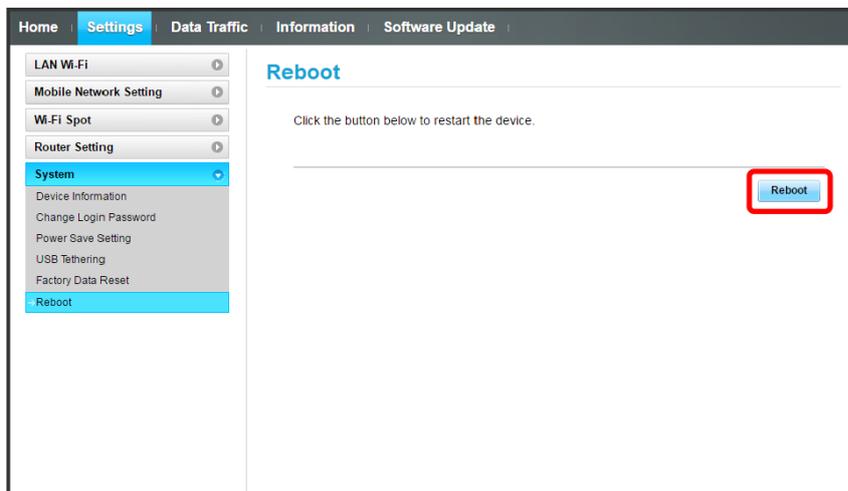
1

In Menu List, **System** → **Reboot**



2

Reboot



3

OK



🚩 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.

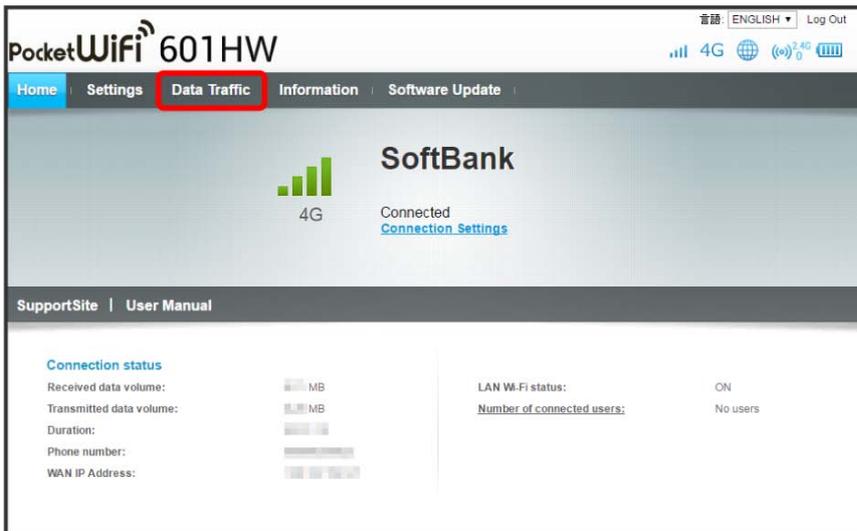
Data traffic does not include Wi-Fi spot communication.

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.

1

In Menu List, **Data Traffic**



 Data traffic is shown.

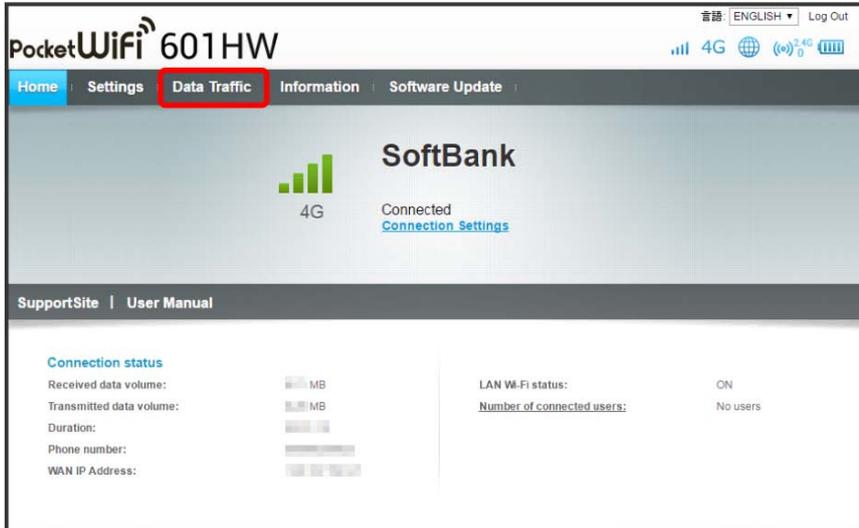
· Data traffic volume to present for Maximum Traffic set in **Data traffic settings** is shown. For setting maximum traffic, see "[Setting Maximum Traffic](#)."

Setting Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

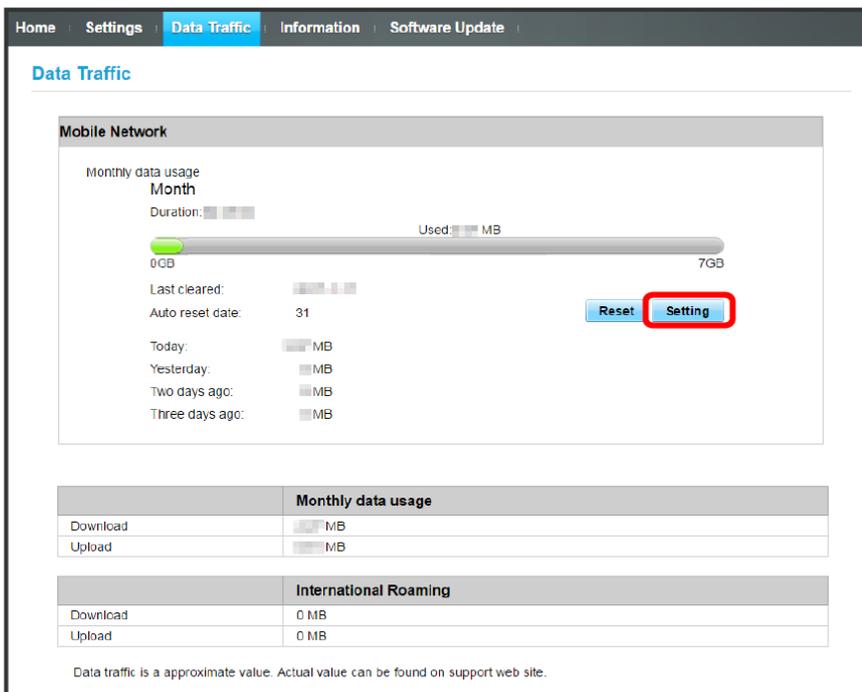
1

In Main Menu, **Data Traffic**



2

Setting



3

Select date for resetting → [Apply](#)



Data Traffic Setting

Auto reset date:

Maximum Traffic: GB

[Apply](#) [Cancel](#)

Data usage is reset each month of data which you set. Billing date is recommended. Maximum traffic not to mean you can not communicate. Just use it as a reference.

🚩 Auto reset date is set.

- Value number is selected between 1 and 31.
- 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.

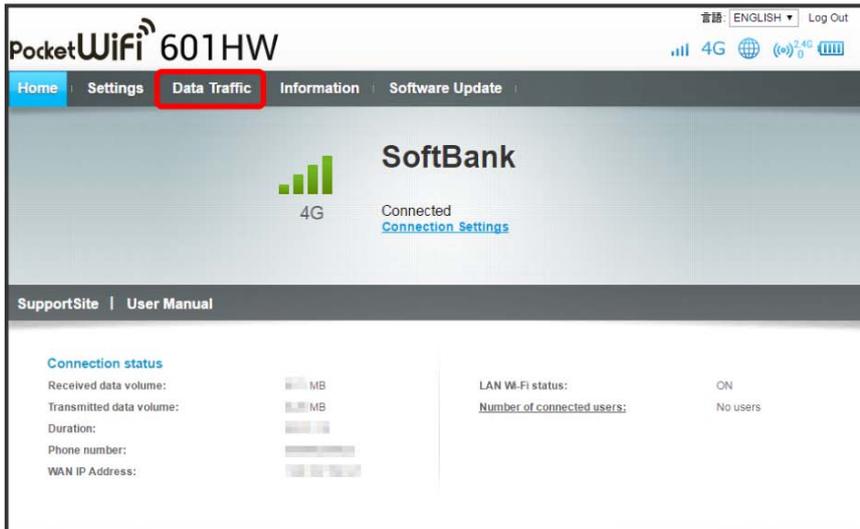
Setting Maximum Traffic

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,  (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  (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.

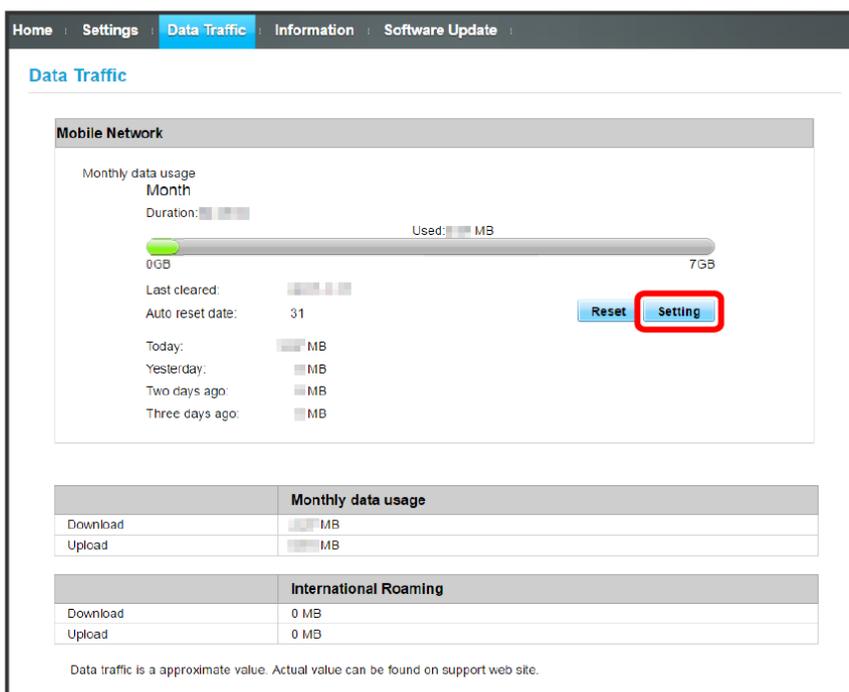
1

In Main Menu, **Data Traffic**



2

Setting



3

Enter number for data traffic → Select units → Apply



Data Traffic Setting

Auto reset date: 31

Maximum Traffic: 7 GB

Apply Cancel

Data usage is reset each month of data which you set. Billing date is recommended. Maximum traffic not to mean you can not communicate, just use it as a reference.

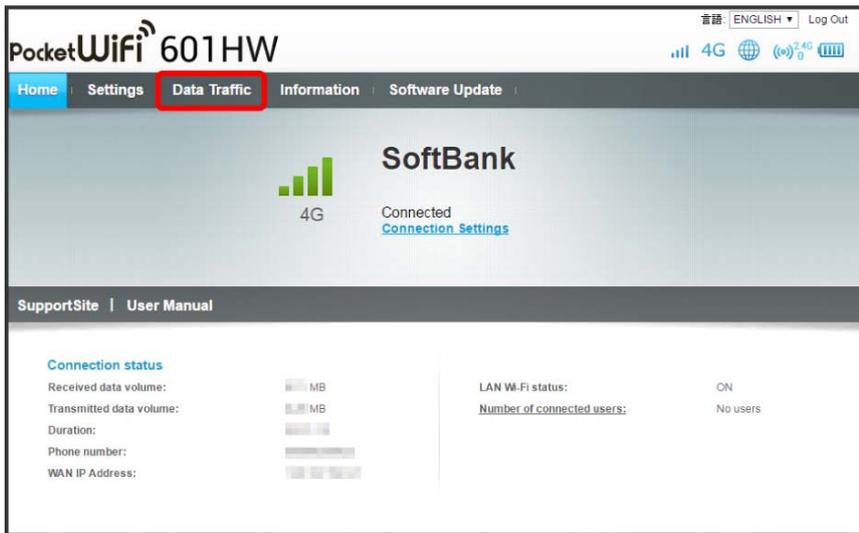
Maximum traffic is set.

- Enter value between 1 and 999.
- Set data volume in GB/MB.

Resetting Data Traffic

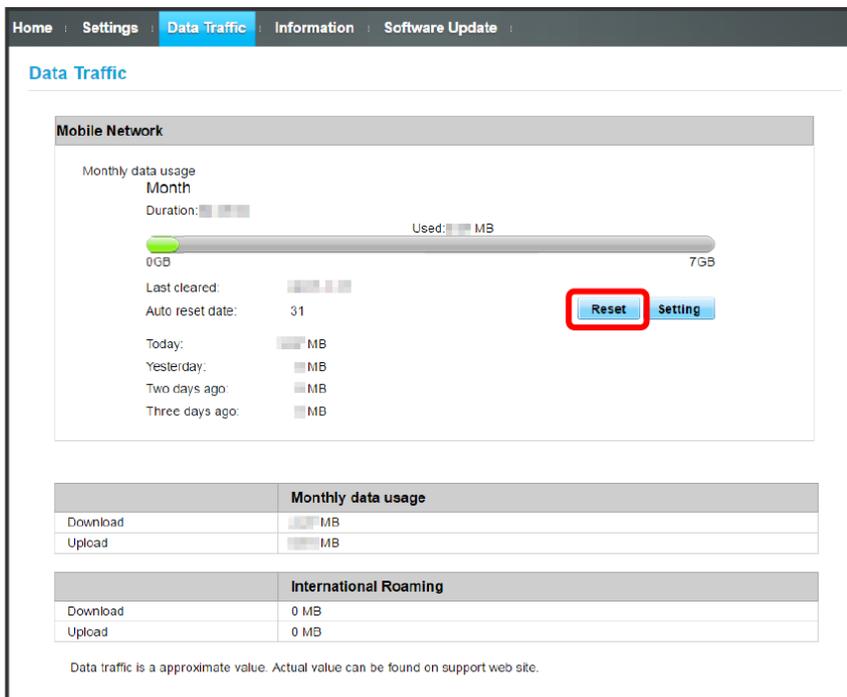
1

In Main Menu, **Data Traffic**



2

Reset



3

Yes



🚩 Data traffic volume is reset.

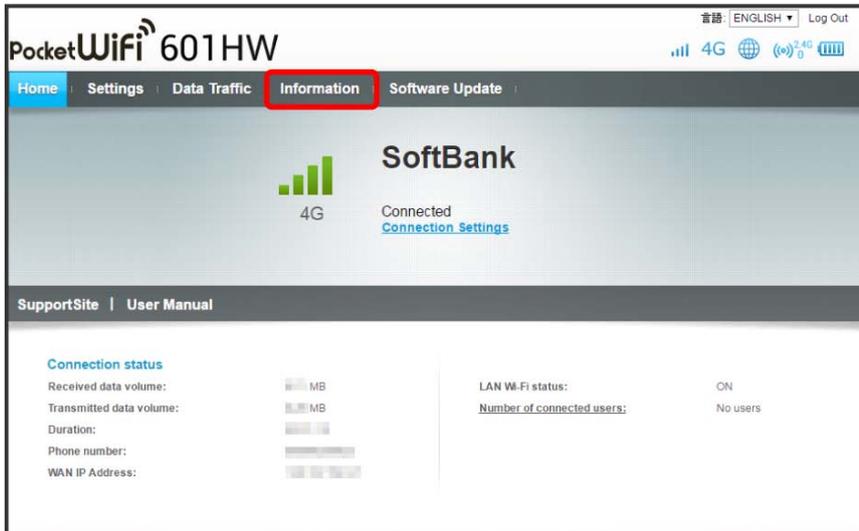
Confirming Information

Information is received by Wi-Fi router.

Confirming Information

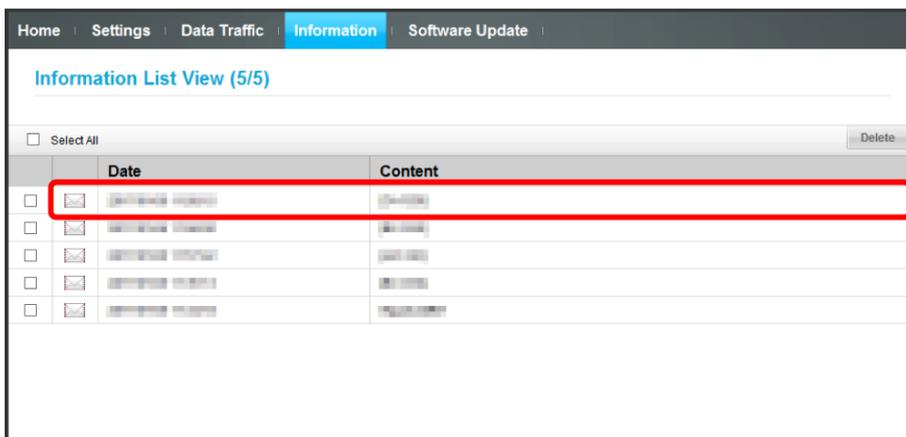
1

In Main Menu, **Information**



2

Select information to confirm

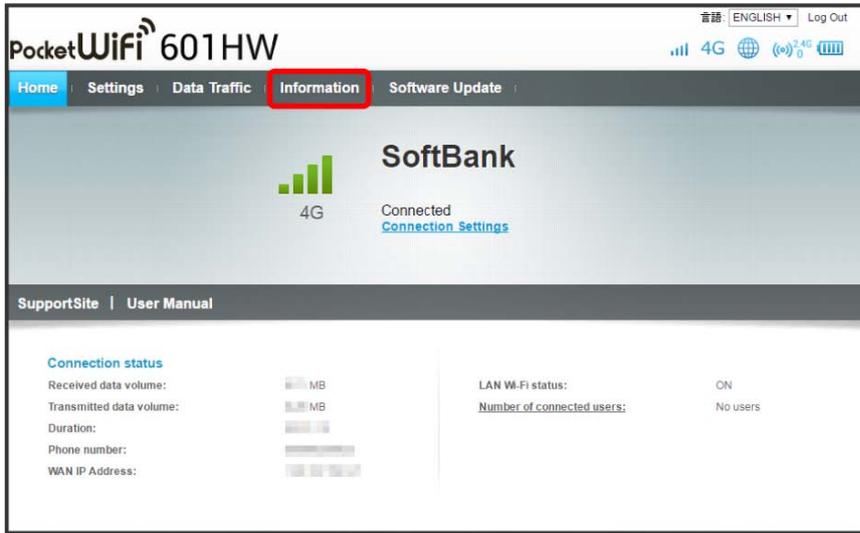


 Information is shown.

Deleting Viewed Information

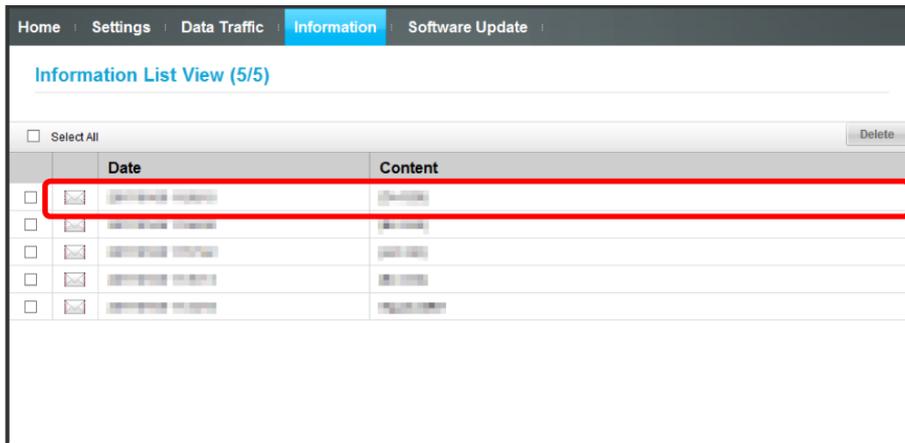
1

In Main Menu, **Information**



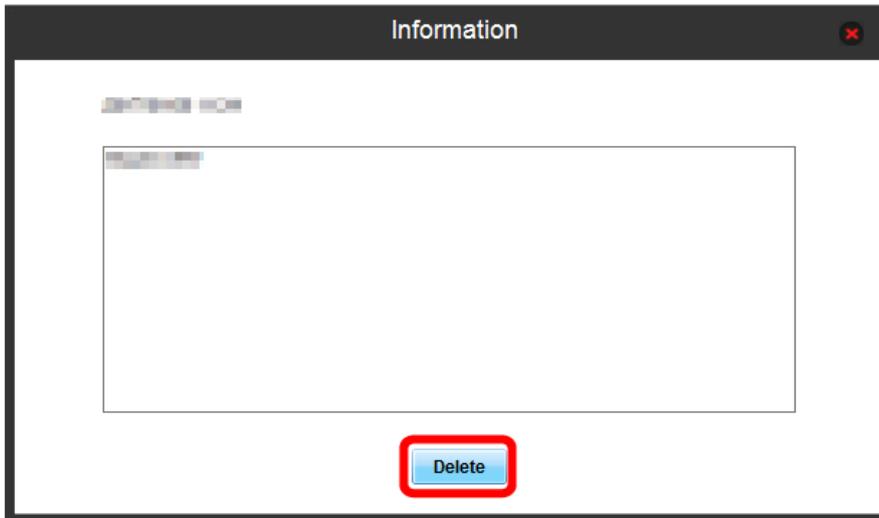
2

Select information



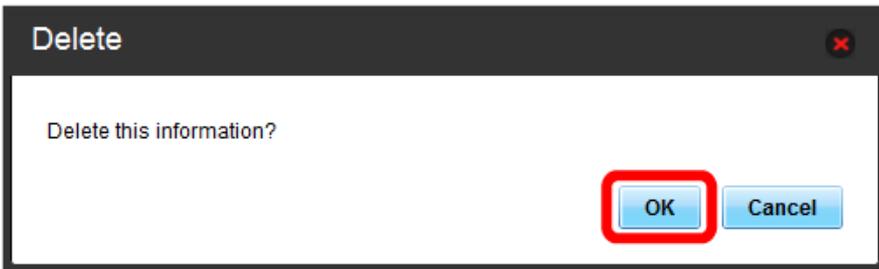
3

Delete



4

OK

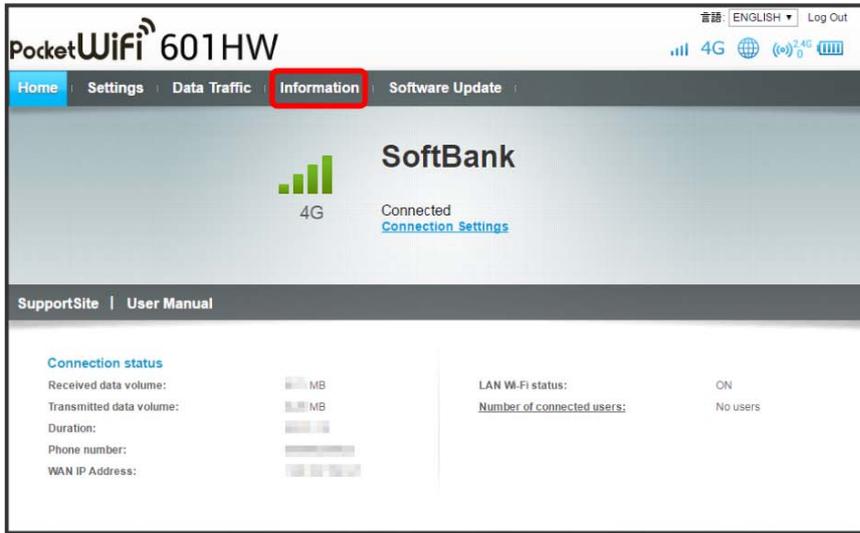


Information is deleted after pop-up screen is shown.

Selecting and Deleting Information

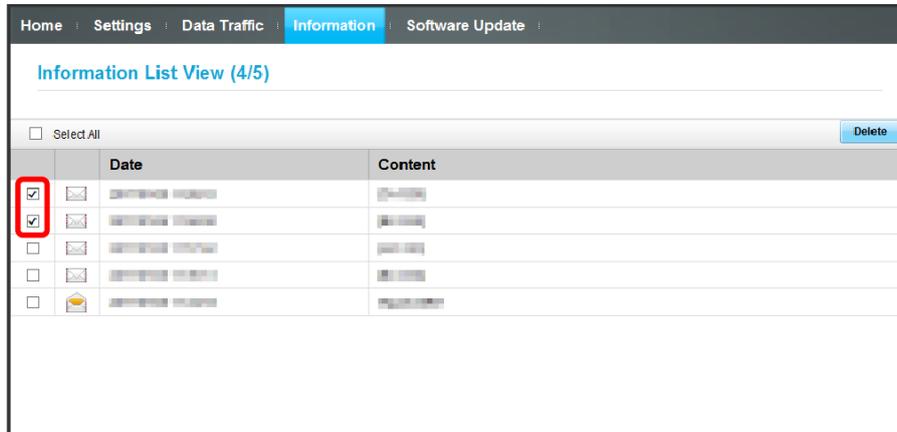
1

In Main Menu, **Information**



2

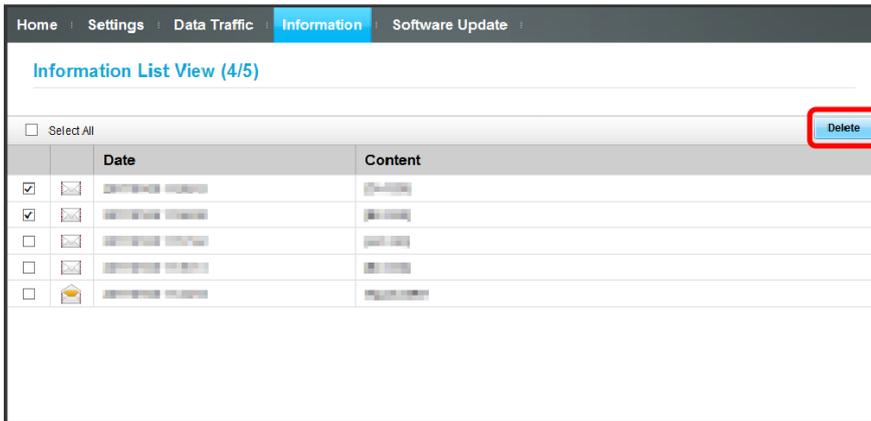
Checkmark information to delete



· Checkmark "Select All" to select all.

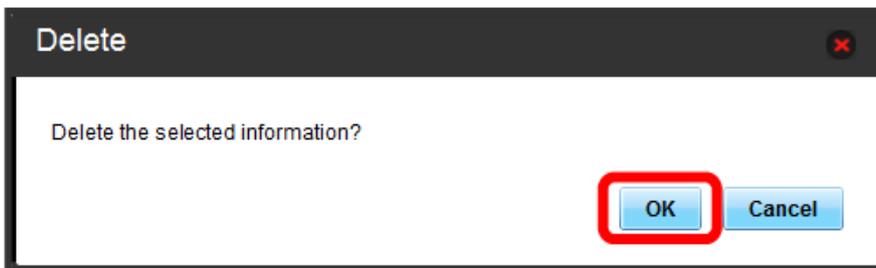
3

Delete



4

OK



Information is deleted after pop-up screen is shown.

Setting Software Update

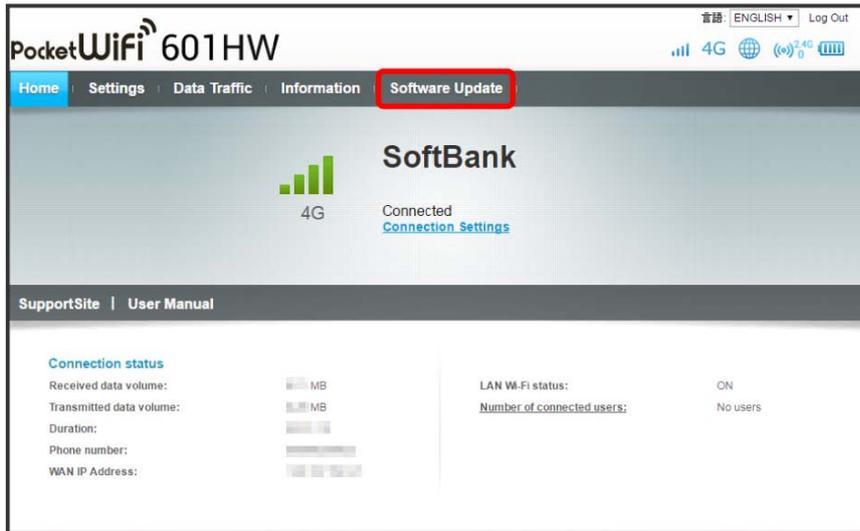
Make settings for software updates.

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

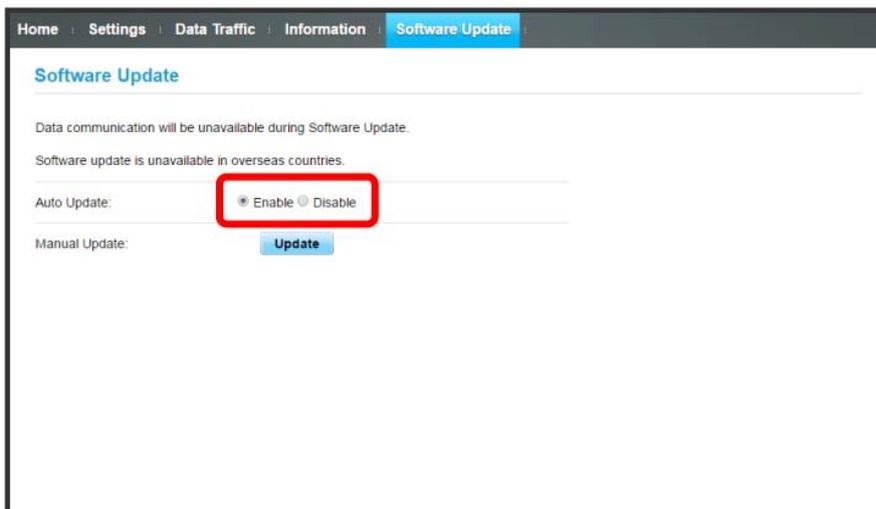
1

In Main Menu, **Software Update**



2

Enable / **Disable**

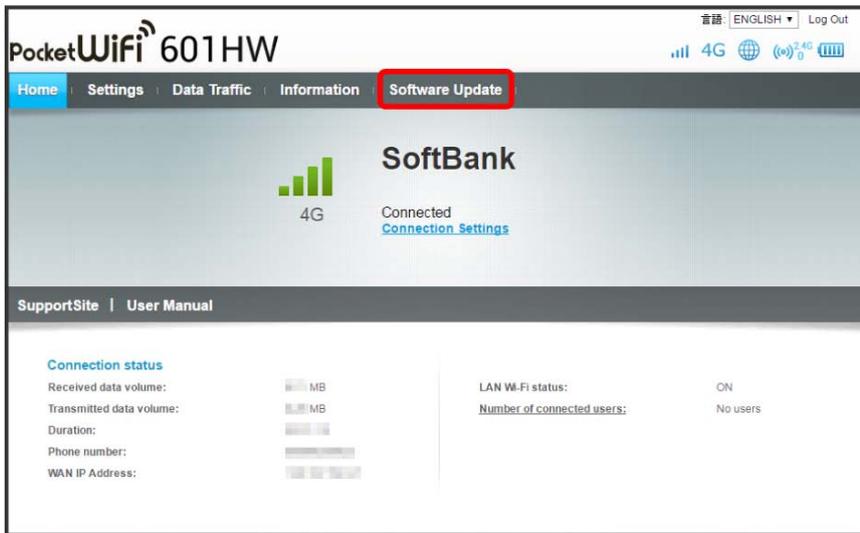


 Auto-software update downloading turns **Enable** / **Disable**.

Updating Software

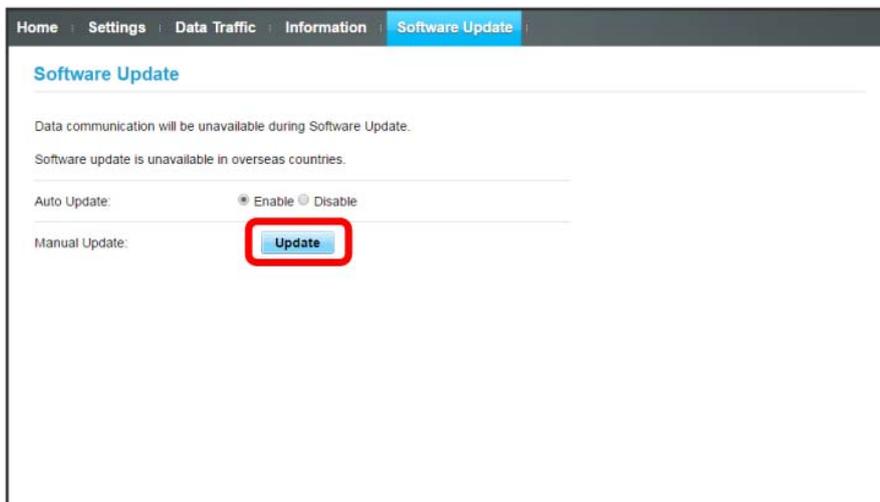
1

In Main Menu, **Software Update**



2

Update



 Wi-Fi router checks the latest software.

· 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

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

1

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

- For instruction for WLAN connection, see "[WLAN \(Wi-Fi\)](#)."

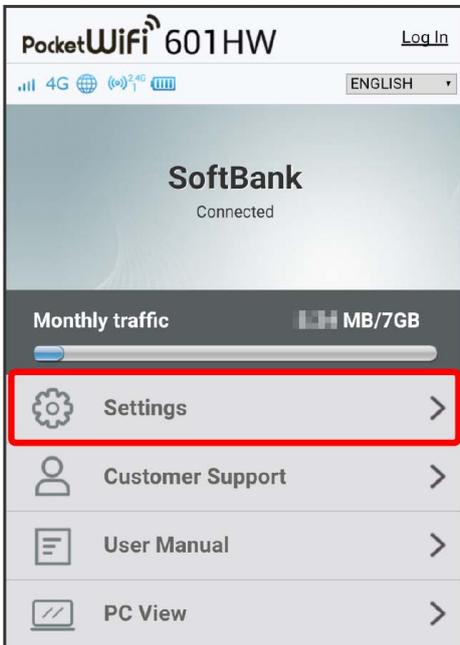
2

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

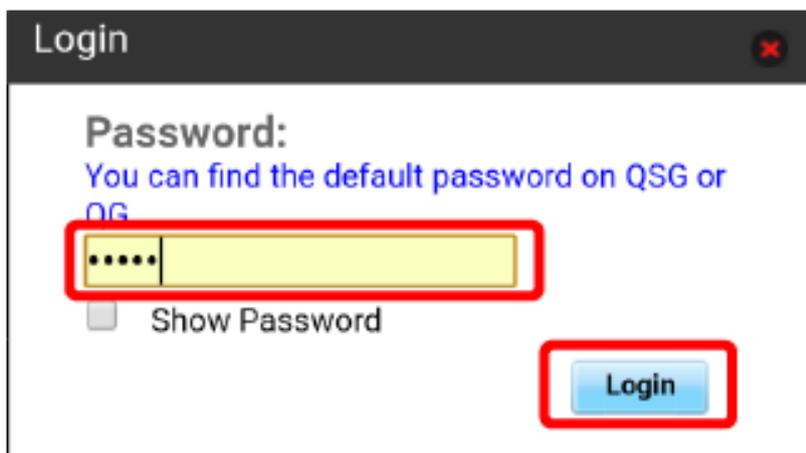
 WEB UI Home Page appears.

Logging In to WEB UI from Mobile Device

1

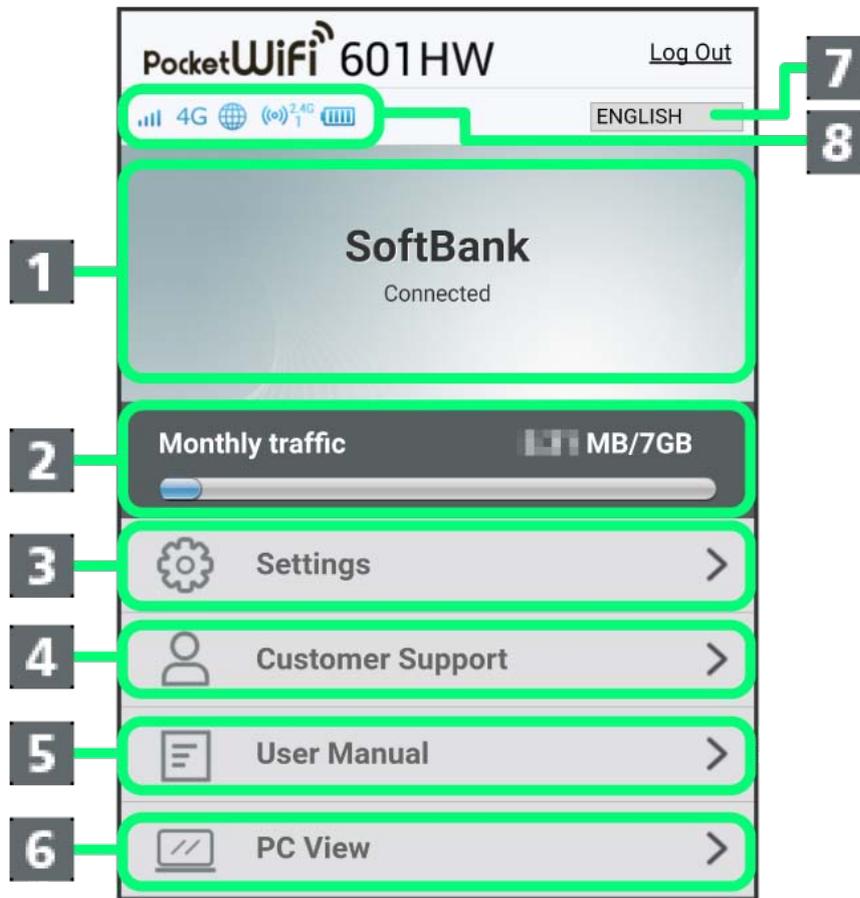
In WEB UI Home Page, [Settings](#) Login window opens.

2

Enter Login password [Login](#) Settings open.

· "admin" is set for Login password by default. For Login password, see "[Changing Login Password for WEB UI.](#)"

WEB UI Screen on Mobile Device



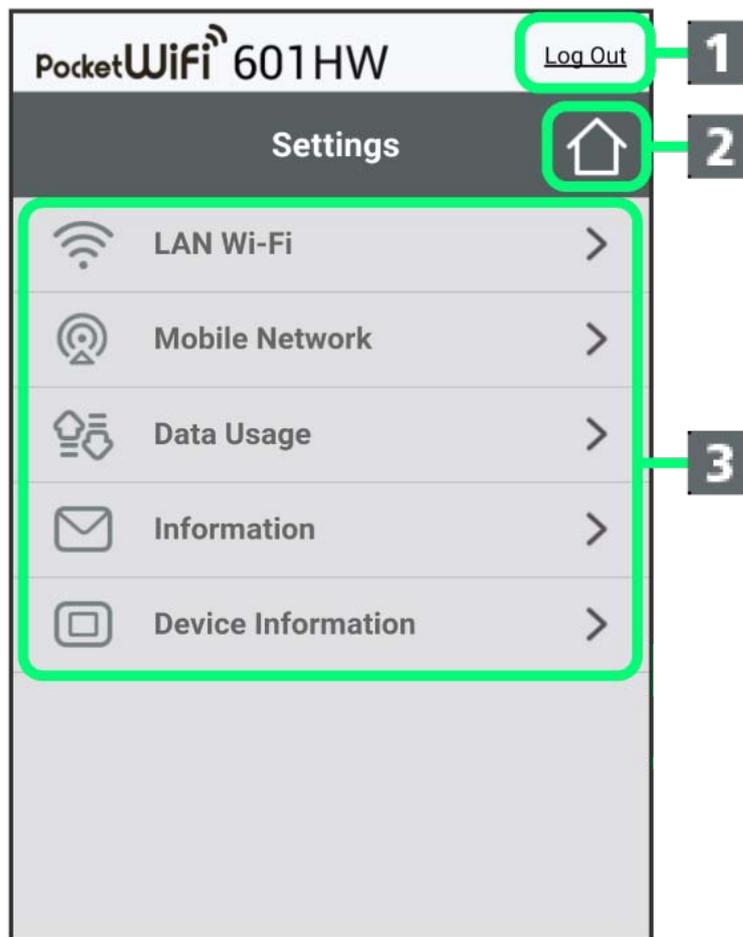
Item	Description
1 Connected network	Connected network details
2 Monthly traffic	Show accumulated data traffic at the moment from start of connection
3 Settings ¹	Show settings for all functions
4 Customer Support	Connect SoftBank website and open Support Site of 601HW
5 User Manual	Connect SoftBank website and open User Manual of 601HW
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
- Software update notification
- ↓ : Appears when update software is detected
- Notifications
- ✉ : Appears when notification received for communication speed reduction, etc.
- 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)
- Internet connection status
- 🌐 : Appears when Internet connected
- 🌐 : Appears when Internet not connected
- WLAN status
- 📶^{2.4G} : Appears when WLAN is ON, operating at 2.4 GHz (Wi-Fi)
- 📶^{5G} : 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
- 🔋 (High) ⇌ 🔋 (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)

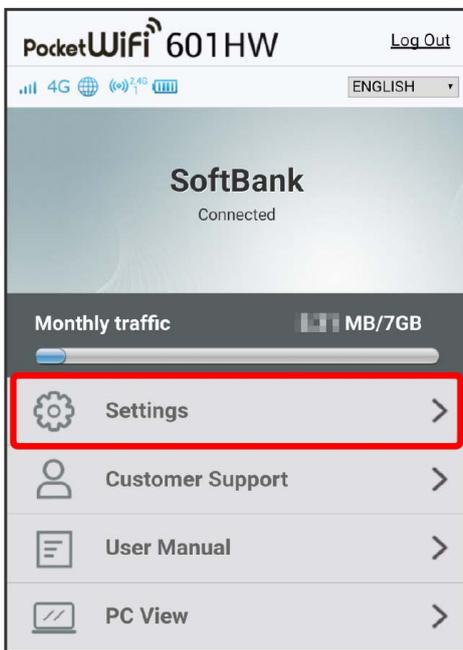
LAN Wi-Fi Sleep Settings

Setting items are as follows:

Item	Description
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 ON

1

In WEB UI menu, [Settings](#)

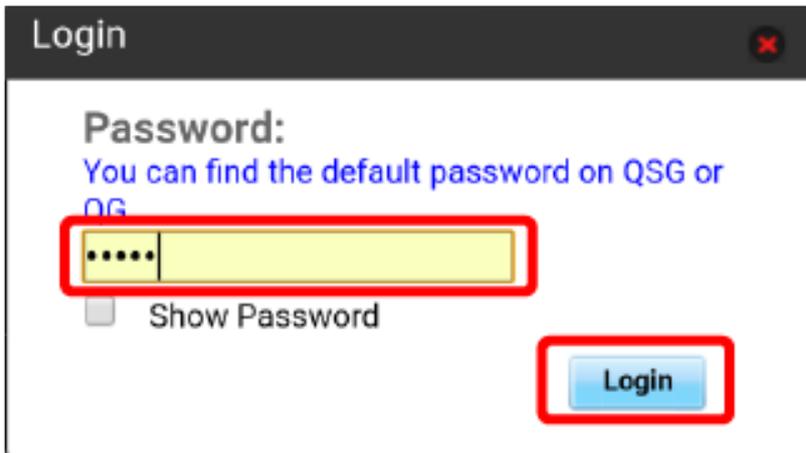


 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password → [Login](#)



Settings open.

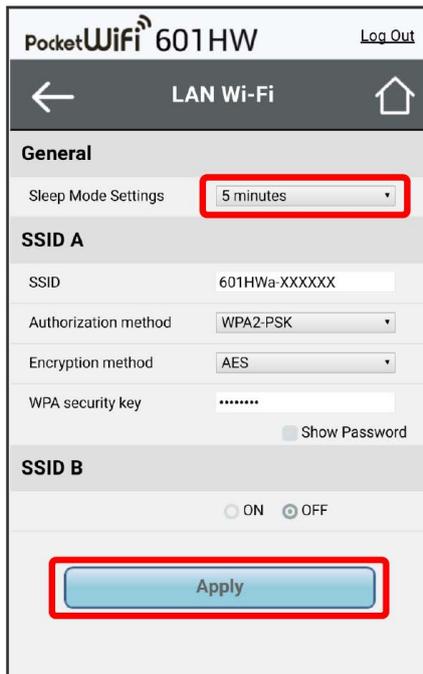
3

[LAN Wi-Fi](#)



4

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).

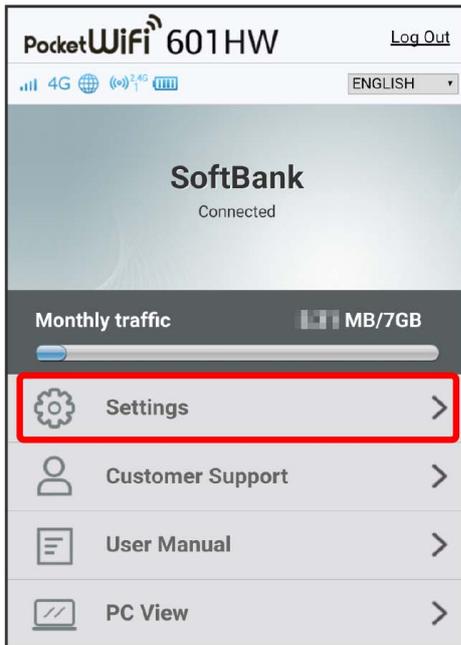
· Setting items are as follows:

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

· Checkmark "Show Password" to show entered WPA Security Key and WEP Keys 1 to 4.

1

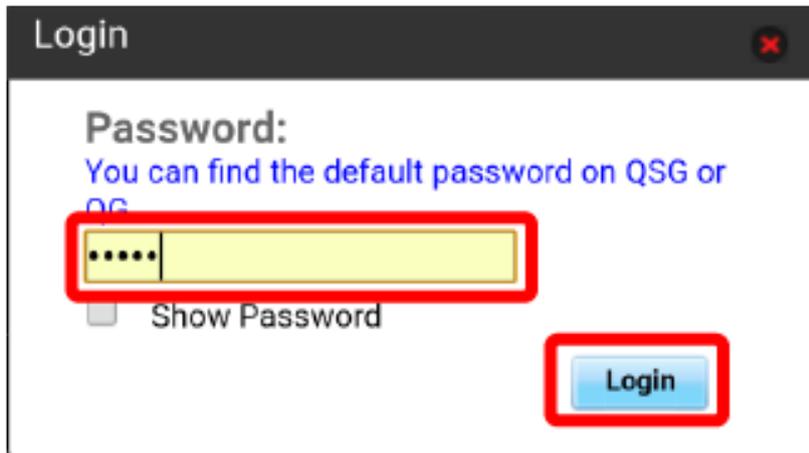
In WEB UI menu, **Settings**



 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password [Login](#)

A screenshot of a web-based login form. The form has a dark header with the word "Login" and a close button (red X). Below the header, the text "Password:" is followed by a blue instruction: "You can find the default password on QSG or QG". A yellow password input field with a red border contains five dots. Below the field is a checkbox labeled "Show Password" which is currently unchecked. To the right of the form is a blue "Login" button with a red border.

 Settings open.

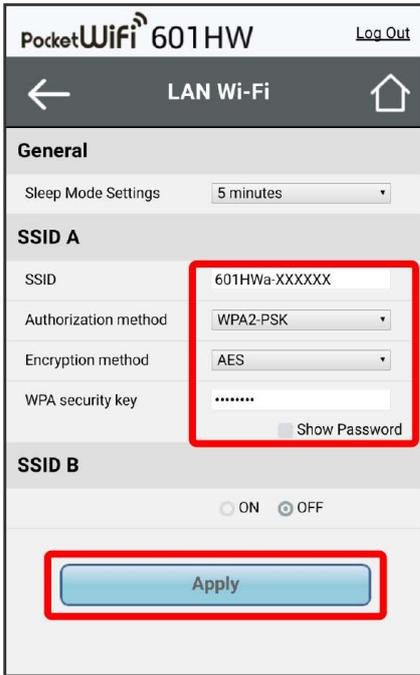
3

LAN Wi-Fi



4

Set each item → Apply



5

OK



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).

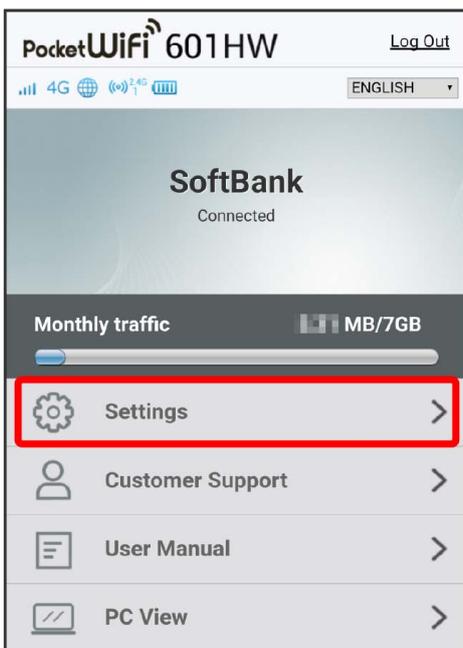
- To use Wi-Fi name (SSID B), turn off Wi-Fi spot function. Connect to the Internet via mobile network.
- Wi-Fi name (SSID B) does not support WPA/WPA2.
- When Multi-SSID is enabled, connect to Wi-Fi name (SSID A) up to 7 devices, and Wi-Fi name (SSID B) up to 6 devices.
- When Multi-SSID is enabled, communication speed may decrease depending on number of WLAN devices connected.
- Setting items are as follows:

Item	Description
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

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

1

In WEB UI menu, **Settings**

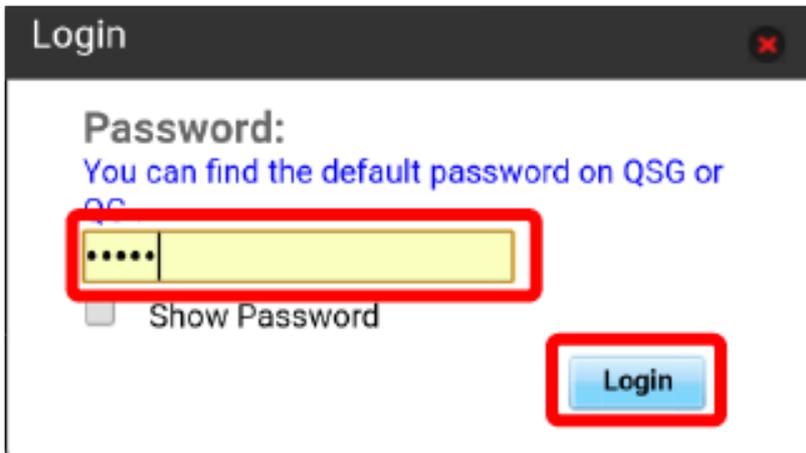


 Login window opens.

- When already logged in, go to step **3**.

2

Enter Login password → [Login](#)



 Settings open.

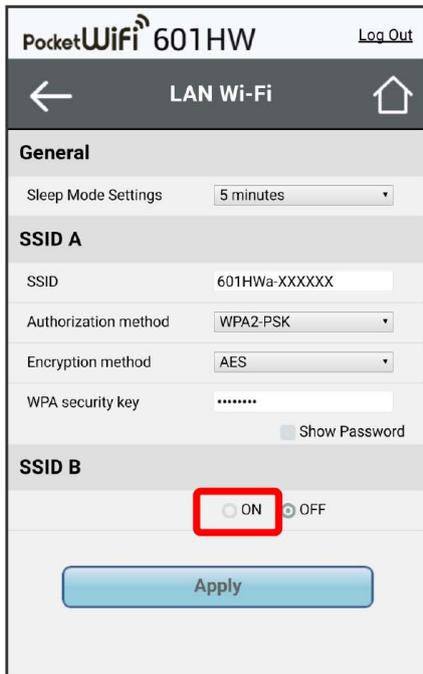
3

[LAN Wi-Fi](#)



4

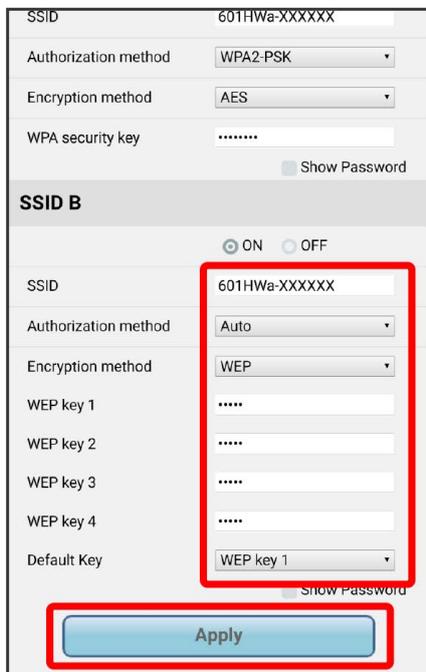
Turn "SSID B" to **ON**



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

5

Set each item → **Apply**



6

OK



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

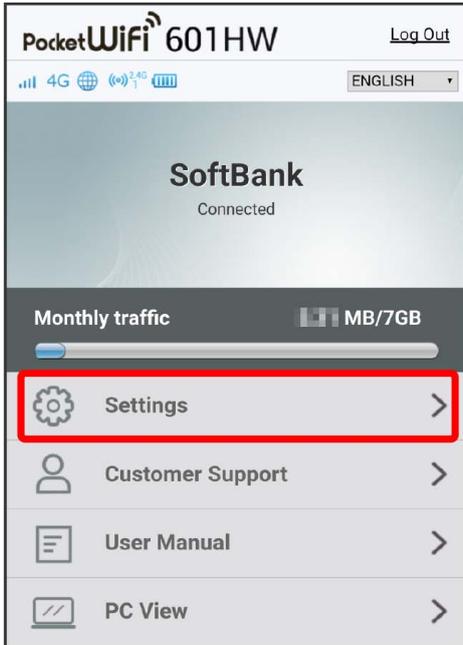
Setting Mobile Network (on Mobile)

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

International Roaming

1

In WEB UI menu, [Settings](#)

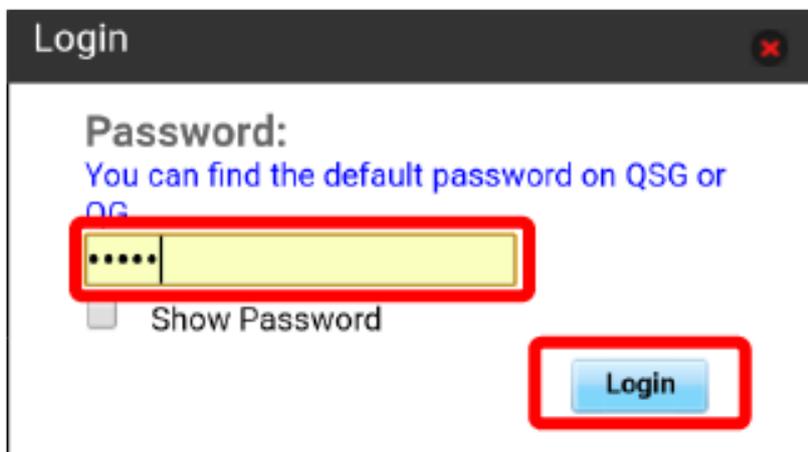


🚩 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password → [Login](#)



🚩 Settings open.

3

Mobile Network



4

Change International roaming →



 International roaming setting is changed.

- When turning to , information screen appears. Click 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.

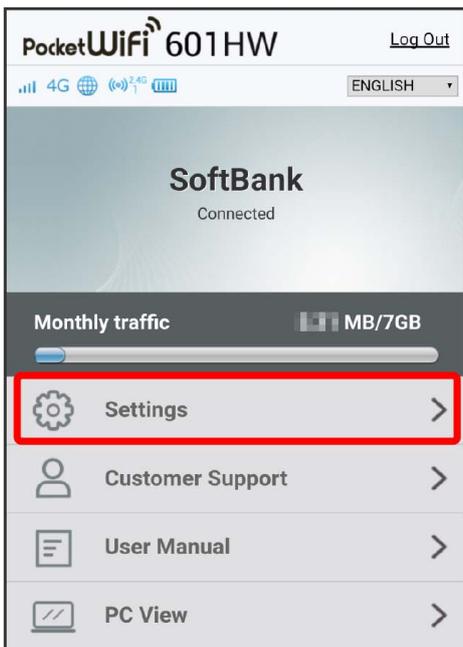
Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact SoftBank Customer Support.

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.

1

In WEB UI menu, [Settings](#)

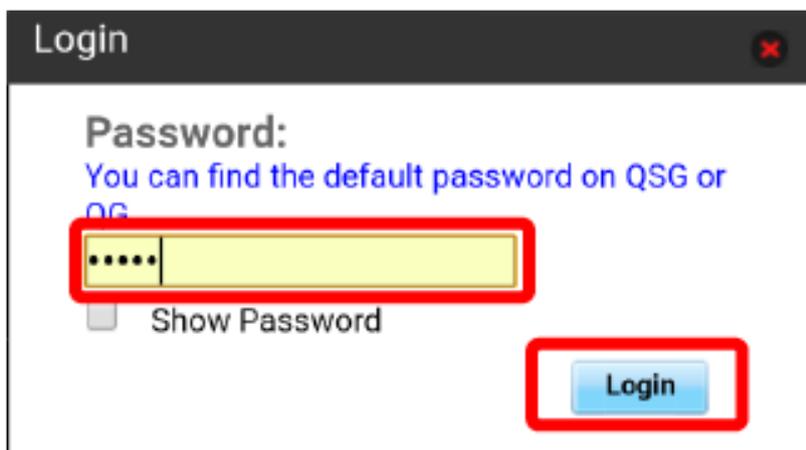


🚩 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password → [Login](#)



🚩 Settings open.

3

Data Usage



🚩 Data traffic volume is shown.

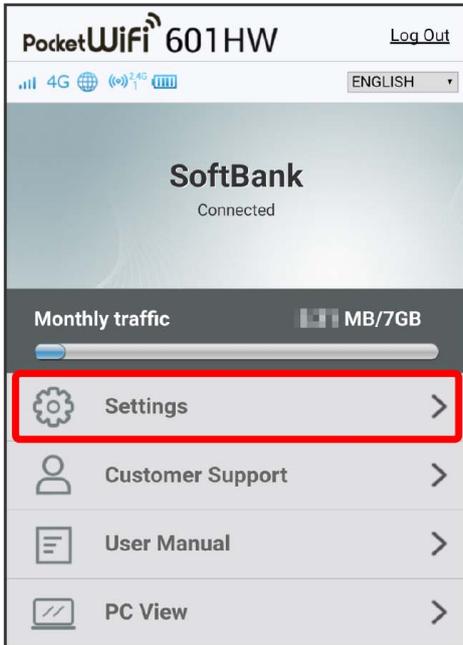
· Data traffic volume to present for Maximum Traffic set in **Data Usage** is shown. For setting maximum traffic, see "[Setting Maximum Traffic](#)."

Setting Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

1

In WEB UI menu, [Settings](#)

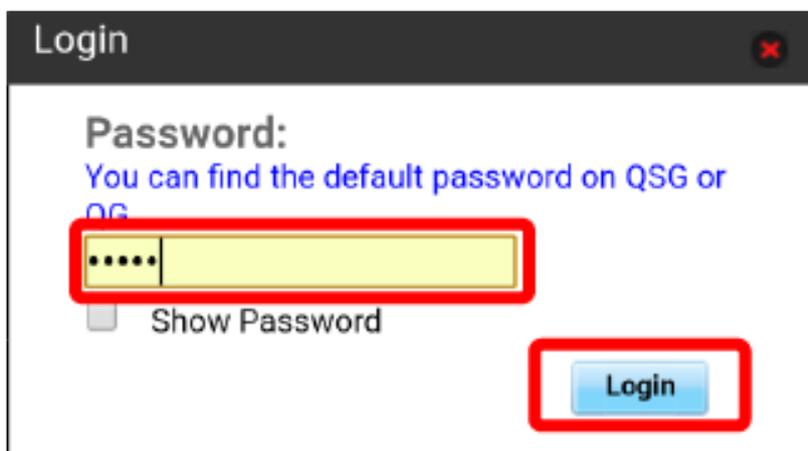


 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password  [Login](#)



 Settings open.

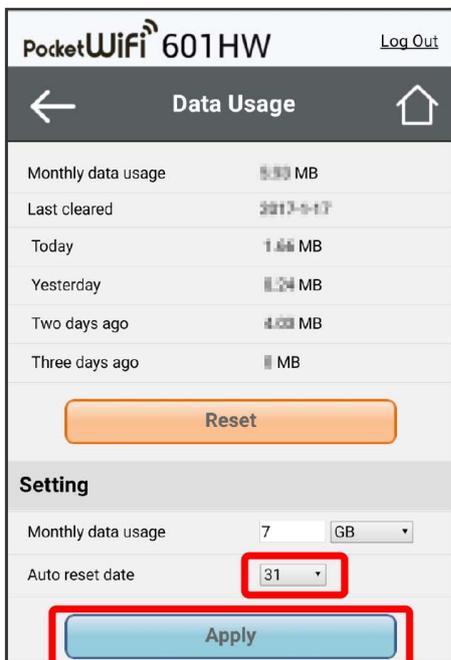
3

Data Usage



4

Select date for resetting → [Apply](#)



🚩 Auto reset date is set.

- Value number is selected between 1 and 31.
- 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.

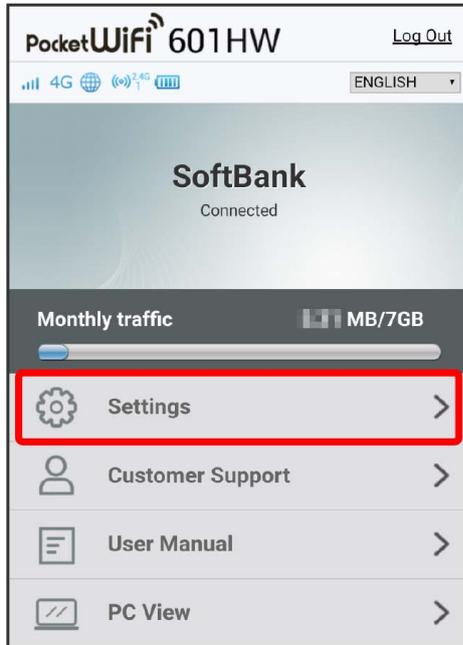
Setting Maximum Traffic

Set monthly data traffic volume.

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

1

In WEB UI menu, **Settings**



🚩 Login window opens.

- When already logged in, go to step **3**.

2

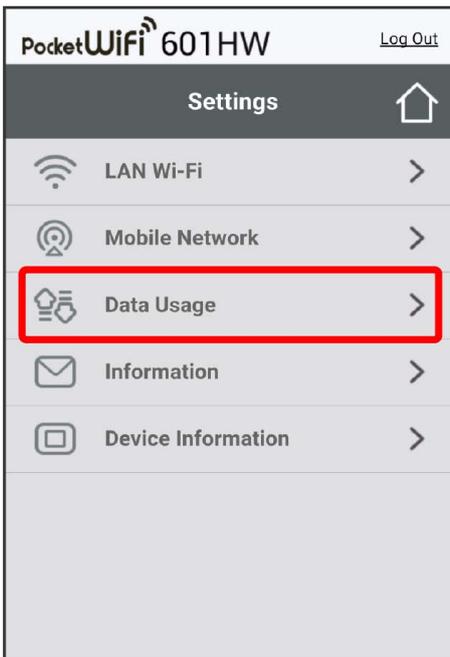
Enter Login password → **Login**



🚩 Settings open.

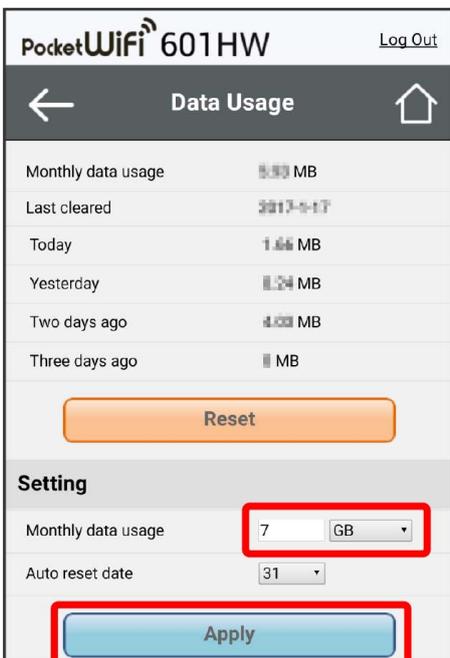
3

Data Usage



4

Enter number for data traffic → Select units → Apply



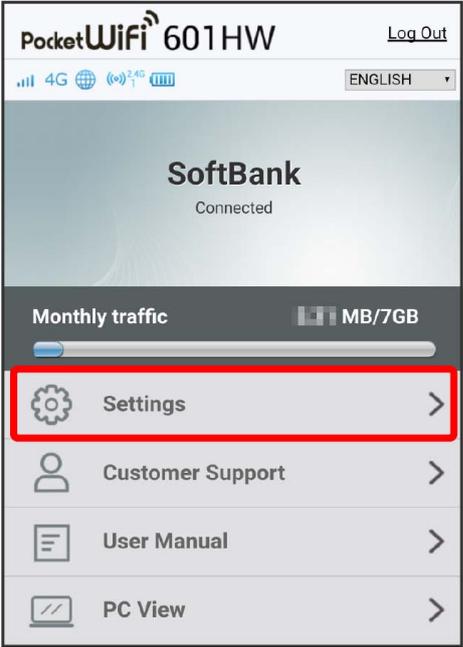
Maximum traffic is set.

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

Resetting Data Traffic

1

In WEB UI menu, [Settings](#)

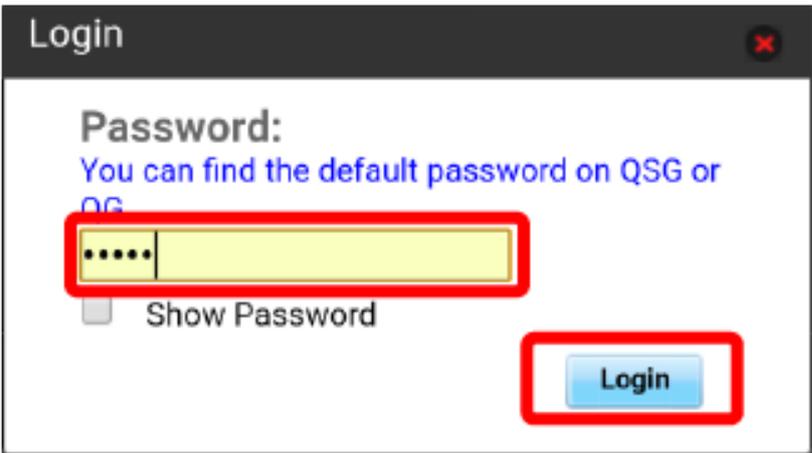


🚩 Login window opens.

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

2

Enter Login password → [Login](#)



🚩 Settings open.

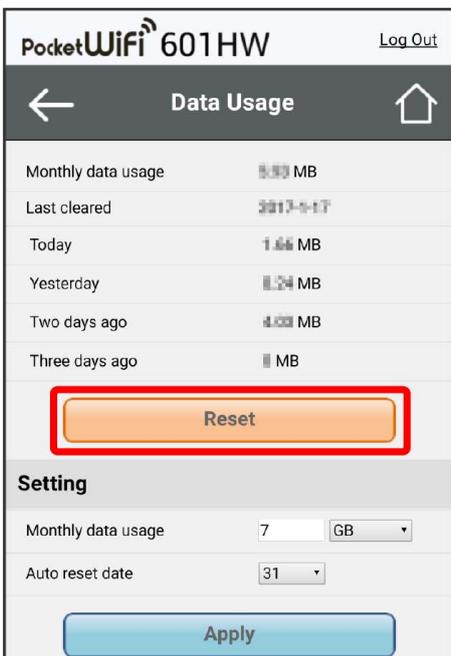
3

Data Usage



4

Reset



5

Yes



 Data volume is reset.

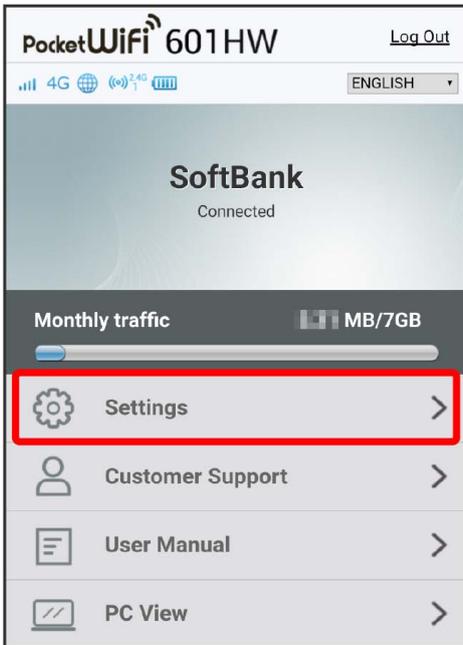
Confirming Information (on Mobile)

Information is received by Wi-Fi router.

Confirming Information

1

In WEB UI menu, [Settings](#)

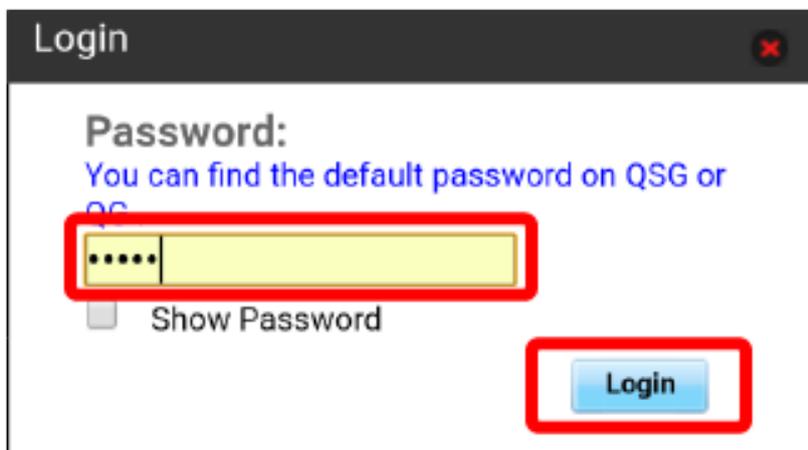


🚩 Login window opens.

· When already logged in, go to step **3**.

2

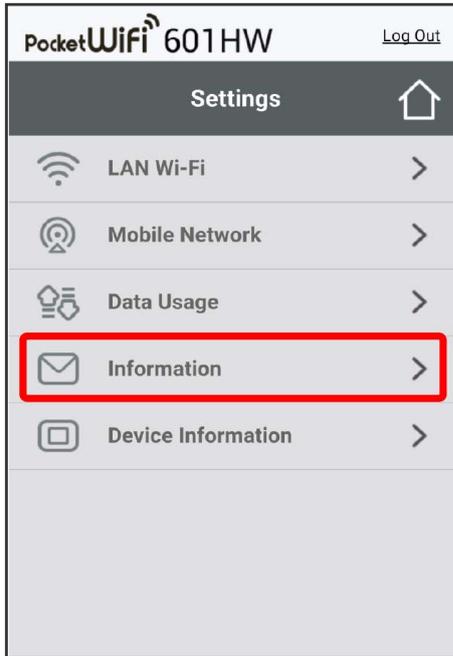
Enter Login password → [Login](#)



🚩 Settings open.

3

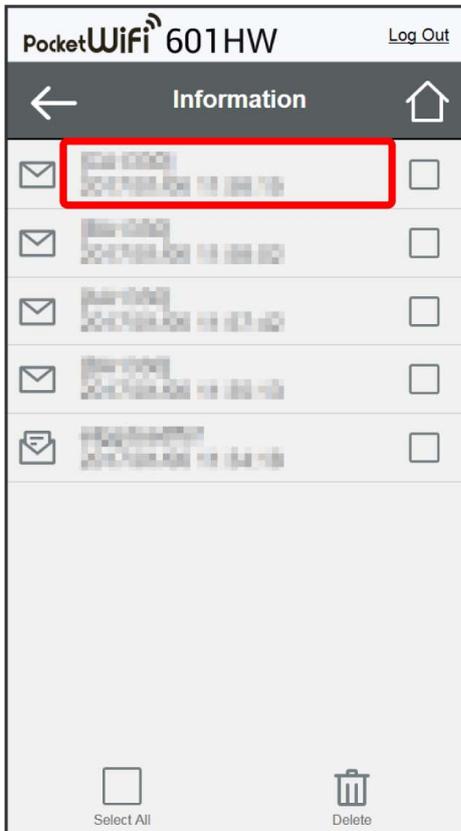
Information



Information is shown.

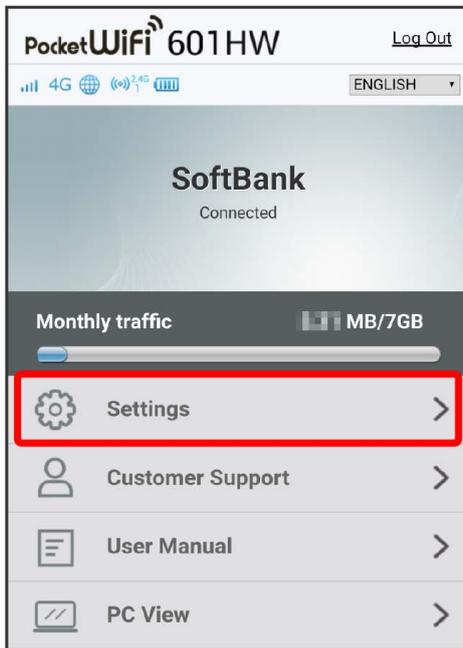
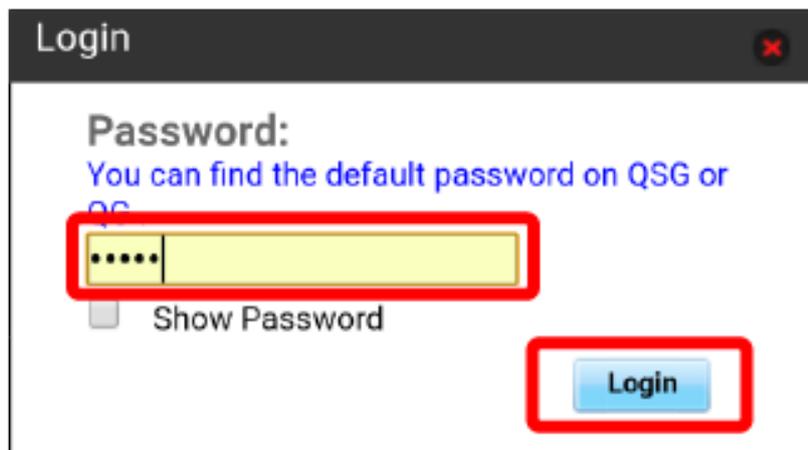
4

Select information to confirm



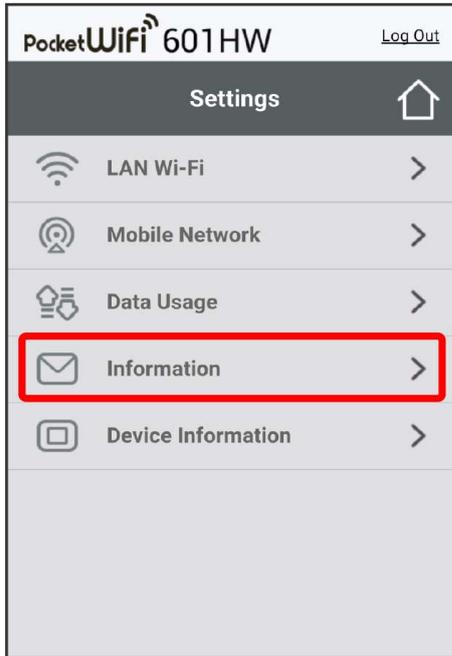
Information is shown.

Selecting and Deleting Information

1In WEB UI menu, **Settings** Login window opens.· When already logged in, go to step **3**.**2**Enter Login password → **Login** Settings open.

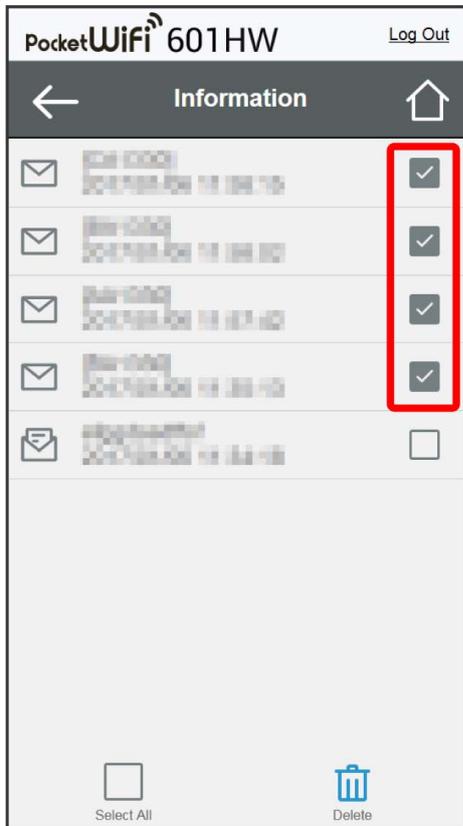
3

Information



4

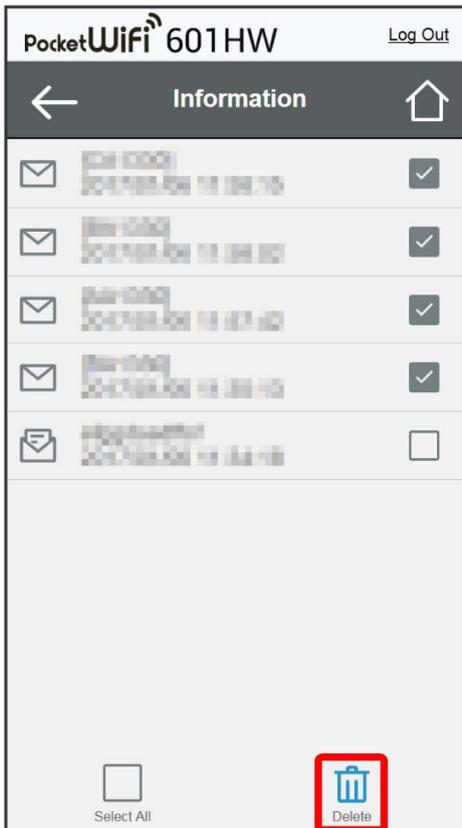
Checkmark information to delete



· Checkmark "Select All" to select all.

5

Delete



6

YES



Information is deleted after pop-up screen is shown.

Checking Wi-Fi Router Information (on Mobile)

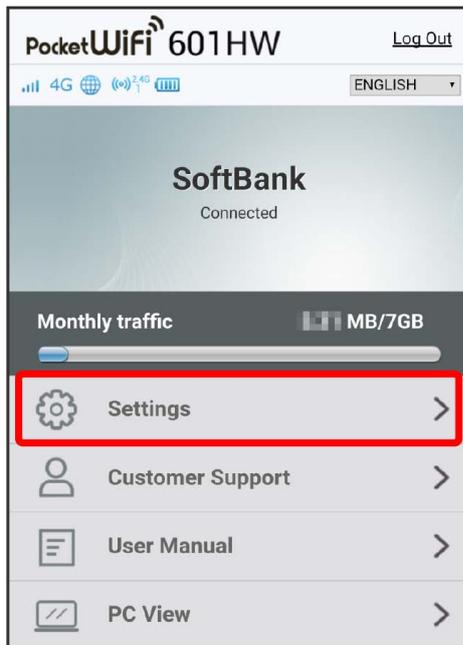
Checking Wi-Fi Router Information

Check device information such as software version.

Item	Description
Device name	Product name (601HW)
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

1

In WEB UI menu, **Settings**

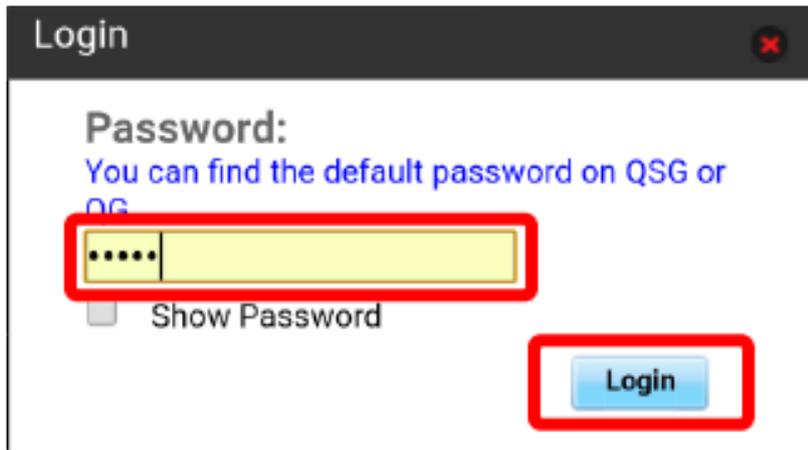


 Login window opens.

· When already logged in, go to step **3**.

2

Enter Login password [Login](#)



Login

Password:
You can find the default password on QSG or QG

.....

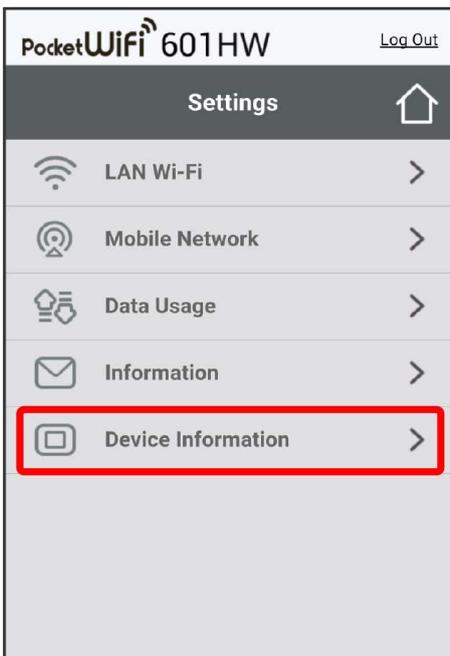
Show Password

Login

Settings open.

3

Device Information



Information is shown.

Appendix

Troubleshooting.....	208
Specifications.....	211
Warranty & Service.....	213
Customer Service.....	214

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 user guide.
- 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.
- A. 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.
- A. Follow these steps to confirm proper Wi-Fi router installation.

Open Desktop window  Explorer  Right-click

PC  **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 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.
- A. 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.
- A. Follow these steps to confirm proper Wi-Fi router installation.

Start 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 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)

- 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.
- A. Follow these steps to confirm proper Wi-Fi router installation.

Right-click **Computer** → **Properties** → **System Properties** → In "User Account Control" window, **Continue** → **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 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.

Q. 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.
- A. 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.

Q. Transmissions are slow

- A. When **>>>** is shown on Status Bar, communication speed is reduced due to data traffic volume. For details, see "[Notification for Setting Maximum Traffic](#)."
- 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.
- A. 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 → [Control Panel](#) → [User Accounts](#) → 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 → [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 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 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	601HW
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)

	<p>4G:</p> <p>Upstream: 2496 MHz to 2690 MHz, 3480 MHz to 3600MHz</p> <p>Downstream: 2496 MHz to 2690 MHz, 3480 MHz to 3600MHz</p> <p>FDD-LTE:</p> <p>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)</p> <p>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 to 1495.9 MHz), B12 (729 MHz to 746 MHz), B17 (734 MHz to 746 MHz)</p> <p>3G:</p> <p>Upstream: B1 (1920 MHz to 1980 MHz), B2 (1850 MHz to 1910 MHz), B4 (1710 MHz to 1755 MHz), B8 (880 MHz to 915 MHz)</p> <p>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)</p> <p>Wi-Fi:</p> <p>2400 MHz to 2483.5 MHz (all 13ch)</p> <p>5180 MHz to 5320 MHz, 5500 MHz to 5700 MHz</p>
Frequency	
Continuous Standby Time ^{1, 2}	Approx. 850 hours
Continuous Communication Time ²	Power save OFF: Approx. 6 hours Power save ON: Approx. 8.5 hours

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 (HWDCCK1)
Cable Length	1 m
Plug Type	USB Plug/Type-C Plug

Battery

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

Material List

· 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
Outer Case	TPE
USB Plug	Brass/nickel plating
Type-C Plug	SPCC-SD/nickel plating

· Battery

Parts	Materials/Finishing
Body	PC + ABS
Terminal	Copper/gold plating, nickel plating
Liquid	
Contact	Water-soluble paper/OPP film
Indicator	
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.
- Read contents of Warranty and keep it in a safe place.
- 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

General Information

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 ✕ 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

Safety Precautions.....	216
General Notes.....	223
Specific Absorption Rate (SAR) Information for this Product.....	225

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
 DANGER	Great risk of death or serious injury* ¹ from improper use
 WARNING	Risk of death or serious injury* ¹ from improper use
 CAUTION	Risk of minor injury* ² or damage to property* ³ from improper use

*1 Serious injury: Refers to loss of sight, injury, burns (high- and 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 Power Source	Unplug from outlet

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

DANGER



Prohibited

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.



Prohibited

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 high-pressure container such as a pressure cooker.

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



Prohibited

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

Do not disassemble or modify.

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



Avoid Liquids Or Moisture

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

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



Avoid Liquids Or Moisture

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

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



Prohibited

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.



Compulsory

Use specified optional accessories only.

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

⚠ WARNING

Prohibited

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

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



Prohibited

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.



Prohibited

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

May cause fire, burns, etc.



Compulsory

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

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



Compulsory

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.



Compulsory

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.

CAUTION

Prohibited

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

May cause fire, burns, injury, etc.



Prohibited

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

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



Prohibited

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.



Prohibited

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

May cause injury.



Prohibited

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.



Compulsory

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**

Prohibited

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.



Prohibited

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.



Compulsory

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.

⚠ WARNING

Prohibited

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.



Compulsory

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.



Compulsory

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.



Compulsory

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.



Compulsory

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.



Compulsory

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

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

⚠ CAUTION

Prohibited

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.



Prohibited

Do not apply excessive force when removing Battery cover.

Battery cover may be damaged, resulting in injury.



Prohibited

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

Failure to do so may result in injury.



Prohibited

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

May cause burns, injury, electric shock, etc.



Compulsory

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.



Compulsory

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

May deteriorate vision.



Compulsory

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



Prohibited

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.



Compulsory

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.



Prohibited

Do not force Battery into Wi-Fi router.

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



Prohibited

Do not heat or dispose of Battery in fire.

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



Prohibited

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.



Compulsory

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



Prohibited

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.



Compulsory

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

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



Compulsory

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



Prohibited

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.



Prohibited

Do not use or charge wet Battery.

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



Prohibited

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.



Compulsory

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.



Disconnect Power Source

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.



Disconnect Power Source

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 Power Source

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

Prohibited

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

May cause burns.

USIM Card**CAUTION**

Prohibited

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

Failure to do so may result in injury.

Wi-Fi Router Use & Electronic Medical Equipment**WARNING**

Compulsory

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.



Compulsory

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.



Compulsory

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.



Compulsory

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.
- 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
- 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 [601HW] 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 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.

· 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/O1denpa/denpa02-02.html>

(Japanese)

This product [601HW] 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 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 QIS601HW.

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)

601HW User Guide Index

A

Activating WLAN (Wi-Fi) Function.....21

C

Charging Battery..... 14
 Checking Help.....80
 Checking Wi-Fi Router Information..... 79
 Checking Wi-Fi Router Information (on Mobile)..... 205
 Checking WLAN Connected Device Information.....61
 Confirming Information..... 166
 Confirming Information (on Mobile)..... 200
 Confirming Notifications..... 58
 Connecting Android™ Device..... 26
 Connecting iPhone/iPod touch/iPad.....27
 Connecting Mac.....25
 Connecting Nintendo 3DS LL/3DS.....30
 Connecting PlayStation®3..... 37
 Connecting PlayStation®4..... 35
 Connecting PlayStation®Vita..... 34
 Connecting Wii U/Wii..... 32
 Connecting Windows PC..... 21
 Connecting WPS Supported WLAN Devices.....39
 Customer Service..... 214

D

Device Recognition/Removal on Mac.....46
 Device Recognition/Removal on Windows PC.....42

G

General Notes..... 223

H

Home Screen..... 6

I

Inserting/Removing Battery.....13
 Installing/Uninstalling Driver (Mac).....46
 Installing/Uninstalling Driver (Windows PC)..... 43
 Introduction..... 3

M

Mac.....46

N

Notification for Setting Maximum Traffic..... 10

O

on Mobile.....	178
on Mobile.....	188
on Mobile.....	190
on Mobile.....	200
on Mobile.....	205
Operation for Setting Maximum Traffic.....	81
Other Settings.....	68
Overview of WEB UI.....	88

P

Parts & Functions.....	6
Power On/Off.....	16

Q

Quick Setup.....	50
------------------	----

R

Router Setting.....	127
---------------------	-----

S

Safety Precautions.....	216
SAR.....	225
Setting from Mobile Device.....	173
Setting LAN Wi-Fi.....	93
Setting LAN Wi-Fi (on Mobile).....	178
Setting Mobile Network.....	106
Setting Mobile Network (on Mobile).....	188
Setting Software Update.....	171
Setting Wi-Fi Name or Authorization Method.....	61
Setting Wi-Fi Spot.....	56
Setting Wi-Fi Spot.....	120
Showing/Setting Data Usage.....	52
Showing/Setting Data Usage.....	159
Showing/Setting Data Usage (on Mobile).....	190
Specific Absorption Rate (SAR) Information for this Product.....	225
Specifications.....	211
System.....	151

T

Touch Menu.....	50
Troubleshooting.....	208

U

USIM Card.....	10
Using Power Save Setting.....	67
Using WPS.....	65

W

Warranty & Service.....	213
WEB UI Window on PC.....	91
Wi-Fi.....	20
Wi-Fi.....	21
Windows PC.....	43
WLAN (Wi-Fi).....	20

601HW User Guide

March 2017, First Edition
SoftBank Corp.

Visit [SoftBank Shop](#) for assistance

Model : 601HW
Manufacturer : HUAWEI TECHNOLOGIES CO., LTD.