



301HW User Guide

301HW User Guide Contents

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Introduction

Before You Begin

Read "[Safety Precautions](#)" and this guide thoroughly beforehand for proper usage.

Accessible services may be limited by contact conditions.

Guide Usage Notes

Most operation descriptions are based on default settings.

Screenshots & Key Labels

Screenshots are provided for reference only and buttons are simplified in description. Actual displays and images differ in appearance.

Other Descriptions

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

Operating Environment (Compatible Operating Systems)

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 PC support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.
- The following operating environment (Compatible Operating Systems) is based on the information as of November, 2013. See [HUAWEI Japan Consumer Support Web Page](#) for the latest information on operation environment (Compatible Operating Systems).

Item	Description
Compatible Operating Systems	Windows XP Home Edition Service Pack 3
	Windows XP Professional Service Pack 3
	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 Enterprise (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 Enterprise (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)	
Mac OS X 10.6 to 10.7 (32-bit or 64-bit)	
Mac OS X 10.8 (64-bit)	
Compatible with Japanese and English Operating Systems	
Memory Requirements	Windows XP: 256 MB+ (512 MB+ recommended)
	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)
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	USB2.0
Compatible Browser	Microsoft Internet Explorer 7.0 or later
	Safari 3.0 or later
	Mozilla Firefox 17.0 or later
	Google Chrome 21.0 or later
	Opera 12.0 or later

Package Contents

The following items are included in the package. Please confirm package contents before use. Contact [SoftBank Customer Support](#) for missing items.

Keep accessories including Warranty in a safe place.

- 301HW
- AC Charger (HWCBB1)
- Micro USB Cable (HWDZA1)
- Battery (HWBBB1)
- 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)
- Warranty (unit, AC Charger)

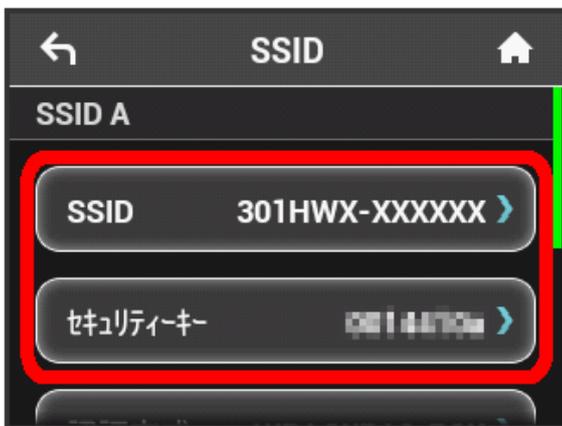
SSID and Security Key

When connecting to a Wi-Fi device, SSID (Network Name) and Security Key (WPA Key or WEP Key) are required.

Confirm SSID and Security Key as follows.

1

In Home screen, **SSID**



SSID and Security Key appear.

- Two SSID are set to Wi-Fi router. By default, WPA2 is set as security for SSID A; WEP is set for SSID B.
- For greater security, use WPA/WPA2 instead of WEP. However, some game consoles do not support WPA/WPA2.
- Alternatively, remove Battery from Wi-Fi router to check default SSID and the Security Key. See "[Checking SSID and Security Key.](#)"

Usage Conditions

- Wi-Fi router supports Software Update. Use Wi-Fi router with the latest version software.
- Communication speed may become slow or communication may not be available because of connection congestion or communication environment.
- To use Wi-Fi router abroad, change settings according to the law of country.

Trademarks

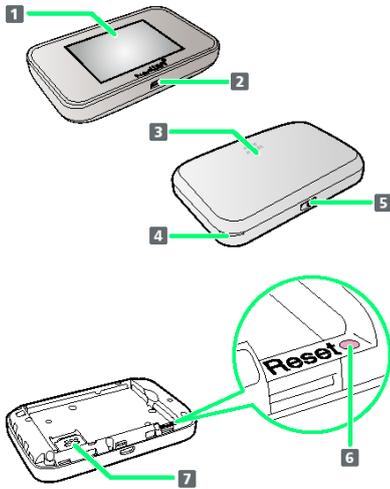
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Parts & Functions

Wi-Fi Router



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

! 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.

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 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

Icon	Description
	Mobile networks connected (Signal is strong)
	Mobile networks connected (Signal is weak)
	Out of service area
	Roaming connection status
	Internet Wi-Fi connected (Signal is strong)
	Internet Wi-Fi connected (Signal is weak)
	Network Name
	Network operator name
	Internet connected
	Internet not connected
	Software update notification
	Downloading software
	Battery charged
	Battery low
	Battery almost empty (Charge Battery)
	Charging
	Number of connected WLAN devices (appears in Lock Screen)
	New notification (appears in Lock Screen)

Touch Menu Icons

Tap Touch Menu icon for settings and notifications.



Item	Description
1 データ通信量	Show mobile network data usage, etc.
2 インターネットWi-Fi	Connect to Internet Wi-Fi and SoftBank Wi-Fi Spot, and make the settings
3 かんたん設定	Show SSID and Security Key, connect for WPS, and set Pass code for Screen Lock
4 お知らせ	Check and delete received notifications; NEW appears for new notifications ¹
5 接続数 ²	Show number of connected devices
6 SSID	Show and set SSID and Security Key for Wi-Fi router
7 WPS	Set WPS connection
8 設定	Make settings for software update, roaming, Display brightness, Sleep mode, Pass code for Screen Lock
9 端末情報	Show Wi-Fi router's phone number, software version and URL for WEB UI
10 ヘルプ	Show Help for icons on Display

- 1 (New notification) appears at the top of Lock Screen
 2 (Number of connected devices) 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

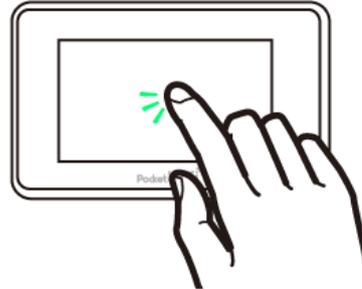
- If no operation is performed on Wi-Fi router for a minute, Display turns off automatically. Press Power Button to release Sleep mode.
- When Wi-Fi router is not connected to any WLAN devices and no operations are made for a certain period of time or Wi-Fi router is not charged, Display turns off and Wi-Fi router goes into Sleep mode for saving power (Time before going into Sleep mode is set to one minute by default).
- In Sleep mode, WLAN is disabled.
- Press Power Button to turn Display on and release Sleep mode. After Sleep mode is released, WLAN function is enabled and Wi-Fi router reconnects to WLAN devices.
- Some WLAN devices automatically disconnect WLAN connection if no data communication is performed for a certain period of time. When such a WLAN device is connected to Wi-Fi router and WLAN connection is disconnected due to the auto disconnecting function, Wi-Fi router may go into Sleep mode.
- Change time before going into Sleep mode in Touch Menu or WEB UI. For details, see "[Setting Sleep Mode](#)", "[LAN Wi-Fi Advanced Settings](#)."

Touchscreen Operations

Touchscreen Display is equipped. Tap, Swipe/Flick, etc.

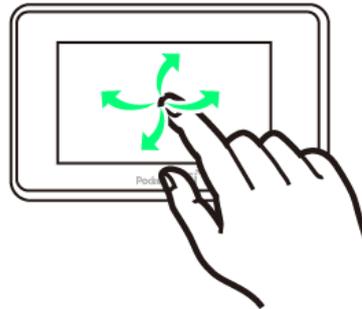
- Tap

Tap item or key to open or execute corresponding function/operation.



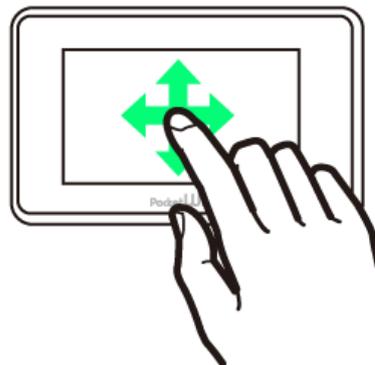
- Swipe/Flick

Swipe/Flick to toggle sheets, pages, etc.



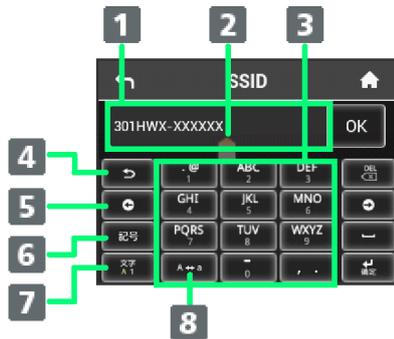
- Slide

Slide item to move it.



Text Entry Window

Use onscreen keyboards for text entry.



Item	Description
1 Entry Box	Text entry
2 Cursor	Show entry position
3 Keyboard	Entry key
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 alphabets and numbers
8 Uppercase/ Lowercase	Toggle uppercase and lowercase for an unfixed character
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

.

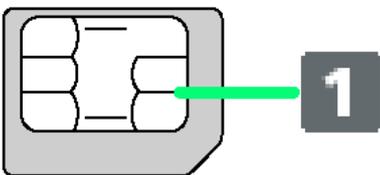
To enter symbols such as "#" or "/", Tap . To show all symbols, Tap . Tap to return to the original screen.

USIM Card

USIM Card contains customer information, including phone number.

Handling USIM Card

- SoftBank Mobile Corp. is not liable for damages resulting from inserting USIM Card in other-brand IC card reader etc.
- Always keep IC chip clean.
- Clean USIM Card with a soft dry cloth.
- Do not attach labels on USIM Card. May cause malfunction.
- For handling, see USIM Card user guide.
- USIM Card is the property of SoftBank Mobile Corp.
- You will be charged for reissue of lost or damaged USIM Card.
- Return USIM Card to SoftBank Mobile Corp. when canceling contract.
- Returned USIM Card will be recycled for protection of the environment.
- Specifications and performance of USIM Card are subject to change without notice.
- Keep copy of saved contents in USIM Card by yourself. SoftBank Mobile Corp. is not liable for damages incurred due to loss of saved information.
- In case USIM Card or Wi-Fi router (USIM Card inserted) is lost or stolen, request to have usage suspended urgently. Contact [SoftBank Customer Support](#), General Information.
- Power off Wi-Fi router before removing/installing USIM Card. Removing USIM Card while being used might cause malfunction.



① IC chip

USIM Card Installation

Power off Wi-Fi router in advance.

1

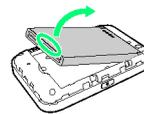
Remove Battery Cover



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

2

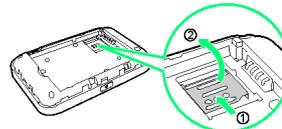
Remove Battery



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

3

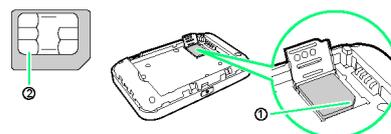
Open USIM Card Stopper



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

4

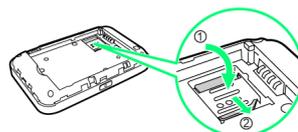
Install USIM Card



- Confirm the orientation of corner notch ① and place USIM Card on USIM Card Slot with IC chip ②down.

5

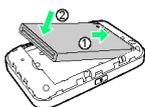
Close USIM Card Stopper



- Lower USIM Card Stopper to ①, then slide it to ②.
- Make sure USIM Card is inserted correctly.
- Do not touch or scratch IC chip when installing/removing USIM Card.

6

Insert Battery



- Align Battery Terminals with Wi-Fi router Terminals with (+)(-) printed side up and press Battery against ①, then firmly push down to ②.

7

Close Battery Cover



- Place Battery Cover on Wi-Fi router in the correct orientation and press down every corner (○) and check there are no gaps.

Removing USIM Card

Power off Wi-Fi router in advance.

1

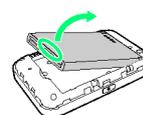
Remove Battery Cover



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

2

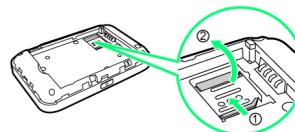
Remove Battery



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

3

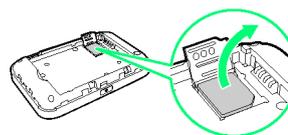
Open USIM Card Stopper



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

4

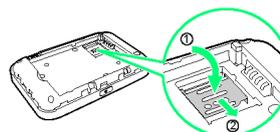
Removing USIM Card



- Remove USIM Card. Do not touch IC chip.

5

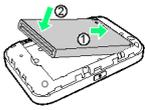
Close USIM Card Stopper



- Lower USIM Card Stopper to ①, then slide it to ②.

6

Insert Battery



- Align Battery Terminals with Wi-Fi router Terminals with (+)(-) printed side up and press Battery against ①, then firmly push down to ②.

7

Close Battery Cover



- Place Battery Cover on Wi-Fi router in the correct orientation and press down every corner (○) and check there are no gaps.

Battery Installation

Inserting Battery

Power off Wi-Fi router in advance.

1

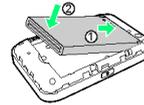
Remove Battery Cover



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

2

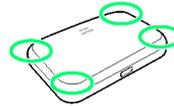
Insert Battery



- Align Battery Terminals with Wi-Fi router Terminals with (+)(-) printed side up and press Battery against ①, then firmly push down to ②.

3

Close Battery Cover



- Place Battery Cover on Wi-Fi router in the correct orientation and press down every corner (○) and 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.

2

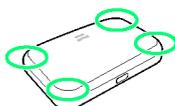
Remove Battery



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

3

Close Battery Cover



- Place Battery Cover on Wi-Fi router in the correct orientation and press down every corner (○) and check there are no gaps.

Checking SSID and Security Key

Remove Battery and check SSID (Network Name) and Security Key (WPA Key and WEP Key).

1

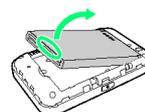
Remove Battery Cover



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

2

Remove Battery



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

3

Check SSID and Security Key



Charging Battery

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

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.

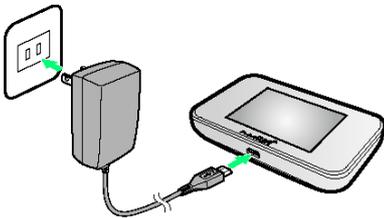
Usage times gradually become shorter due to repeated charging/discharging. For estimated charging times and usage times, see "[Specifications](#)."

Using AC Charger

Use supplied AC Charger.

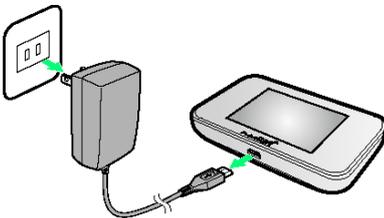
1

Insert AC Charger Micro USB plug into External Device Port and power plug to AC outlet



2

When complete, unplug AC Charger



 Check battery level on Display.

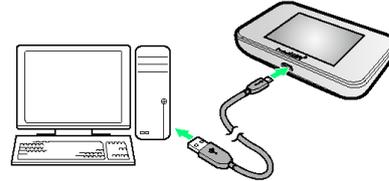
Using USB (PC)

Use supplied Micro USB Cable.

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

1

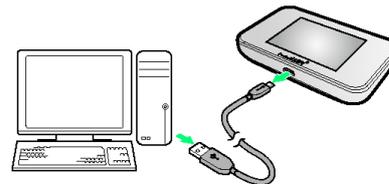
Insert Micro USB Cable (Micro USB plug) into External Device Port and Micro USB Cable (USB plug) to a PC



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

2

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



 Check battery level on Display.

! Charging

Charging Conditions

Under low temperatures charging performance decreases. Use AC Charger and Micro USB Cable in temperatures between 0°C - 60°C and humidity range between 25% - 80%. For charging with Wi-Fi router powered on, use in temperatures between 0°C - 50°C and humidity range between 25% - 80%. USB charging may be unavailable depending on Wi-Fi router temperature.

Use Supplied Accessories

Always use supplied AC Charger or Micro USB Cable.

Charging with PC

Charging takes longer than with AC Charger. Time required depends on the connected PC.

Wi-Fi Router and AC Charger Becoming Warm/ Hot

Wi-Fi router and AC Charger 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 Extend Use

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

Connecting Micro USB Cable

Confirm that orientation of Micro USB Cable plugs is correct. Connecting in wrong orientation may cause damage or malfunction.

Display while Charging

Even when power is off, press Power Button to show Animation and battery level. When charging is complete,  appears.

Power On/Off

Power On

1

Press & Hold Power Button for two seconds or more

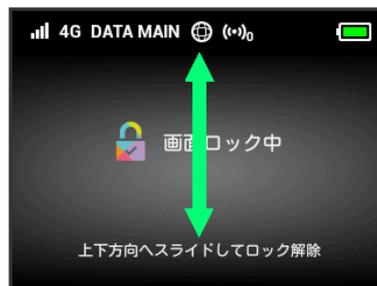


 Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

- When WLAN is enabled,  (Number of connected devices) lights and when Wi-Fi router connects to the Internet,  (Internet connected) lights.

2

Slide Display up/down to cancel Screen Lock



 Screen is unlocked and Home screen appears.

- For the first time activation or after resetting, "ようこそ！" screen (かんたん設定) appears. Tap "ホームへ" to show Home screen, and then Tap "次へ" to confirm SSID or Security Key or set WPS connection or Pass code for canceling Lock Screen. For settings, see "[Quick Setup](#)."
- When Pass code for unlocking screen is set, Pass code entry screen appears. For unlocking screen by Pass code entry, 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 Power Button for two seconds or more



Power is off.

Connecting WLAN

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Connecting iPhone/iPod touch/iPad.....	25
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Connecting Nintendo 3DS LL/3DS/DSi LL/DSi.....	30
Connecting Wii U/Wii.....	34
Connecting PlayStation®Vita/PSP® (PlayStation®Portable).....	36
Connecting PlayStation®3.....	40
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Connecting IEEE802.11b WLAN Device.....	44

WLAN (Wi-Fi)

Overview

Wi-Fi router supports 802.11b/g/n standards. Connect WLAN devices (PC, game console, etc.) via WLAN for wireless data transfers.

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

Enter Wi-Fi router's SSID (Network Name) and Security Key (WPA Key or WEP Key) to connect non-WPS compliant WLAN devices.

For SSID and Security Key, see "[SSID and Security Key](#)."

In this manual, set-up on Nintendo 3DS, Nintendo 3DS LL, Nintendo DS series*, Wii, Wii U, PS Vita (PlayStation®Vita), PSP® (PlayStation®Portable), PS3® (PlayStation®3), WPS devices, Windows PC or Mac are described.

* "Nintendo DS series" is a generic term used to refer to Nintendo DSi LL/DSi.

- These settings should be performed the first time Wi-Fi router is connected to another WLAN device. After setup is complete, enable WLAN on Wi-Fi router and the WLAN device to resume connection automatically.

💡 WLAN (Wi-Fi)

Advanced Settings

Change WLAN advanced settings as required. For details, see "[LAN Wi-Fi Advanced Settings](#)."

Simultaneous Connection

Up to ten WLAN devices can be used simultaneously. When Multi-SSID or Internet Wi-Fi is ON, up to nine WLAN devices can be used simultaneously.

Automatic Update for Optimizing Wi-Fi Connection

Settings for optimizing connection may be received and updated automatically while connected to Wi-Fi.

⚠️ Notes on WLAN (Wi-Fi) Use

Security

To ensure security, change default SSID (Network Name) and Security Key (WPA Key or WEP Key).

Communication Speed

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

Enabling WLAN (Wi-Fi)

Wi-Fi router connects to the Internet automatically when powered on.

Connecting to 4G/LTE/3G

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

Connecting Windows PC

Connect a Windows PC to connect to the Internet.

Windows 8

This section describes setup operations with screenshots and steps for WPA security setting on Windows 8.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

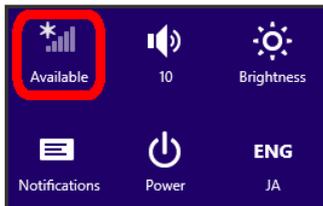
2

Activate PC WLAN function

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

3

Move Pointer to upper right or lower right (For Touchscreen, Swipe from right end) → charm →



4

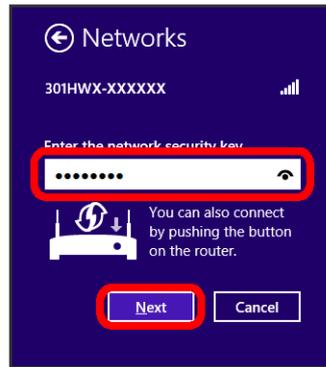
Select Wi-Fi router's SSID → Connect



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

5

Enter Security Key correctly → Next



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

- For Security Key, see "SSID and Security Key."
- 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 WPA security setting on Windows 7.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

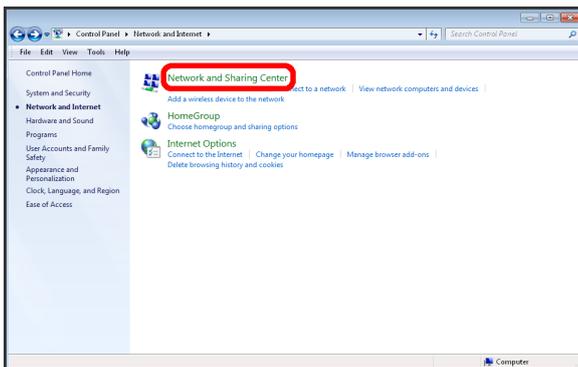
2

Activate PC WLAN function

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

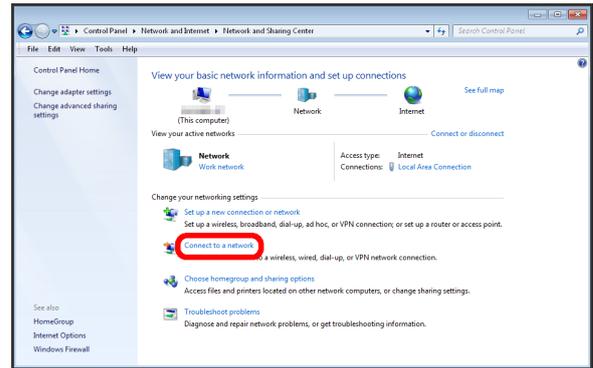
3

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



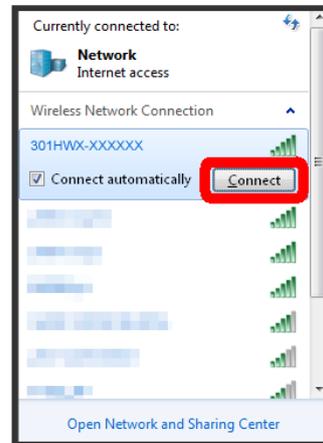
4

Connect to a network



5

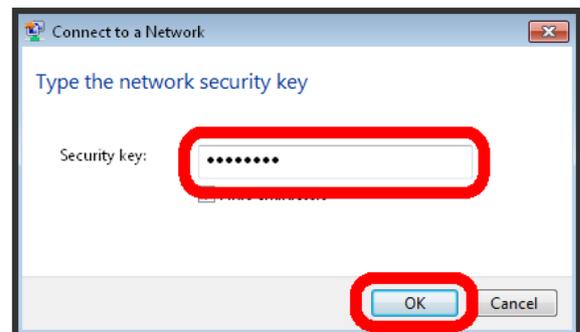
Select Wi-Fi router's SSID → Connect



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

6

Enter Security Key correctly → OK



When connection is established, WLAN connection count number on Display increases by one (e.g. →).

- For Security Key, see "SSID and Security Key."

Windows Vista

This section describes setup operations with screenshots and steps for WPA security setting on Windows Vista.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

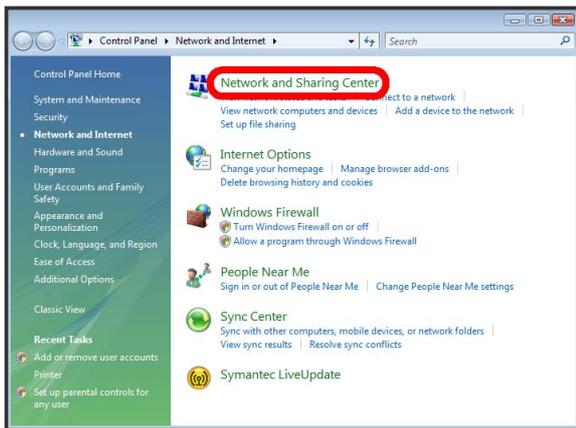
2

Activate PC WLAN function

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

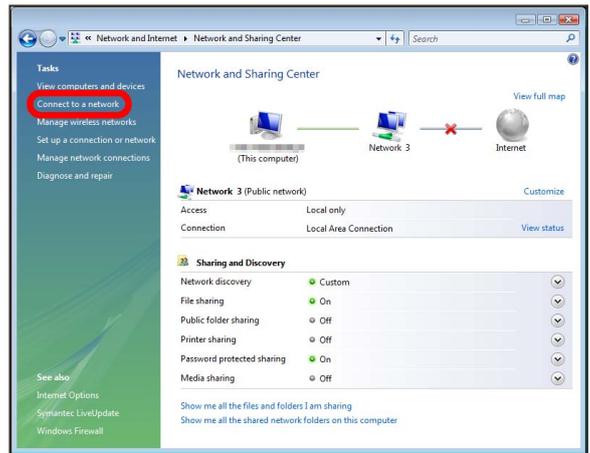
3

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



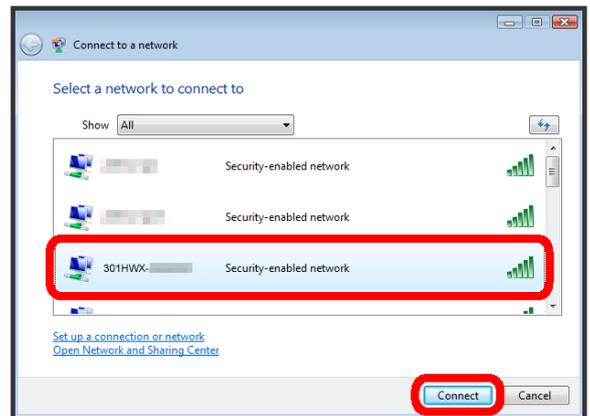
4

Connect to a network



5

Select Wi-Fi router's SSID → Connect



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

6

Enter Security Key correctly → Connect



- For Security Key, see "SSID and Security Key."

7

Close

When connection is established, WLAN connection count number on Display increases by one (e.g.  → ).

Windows XP

This section describes setup operations with screenshots and steps for WPA security setting on Windows XP.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled,  (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.

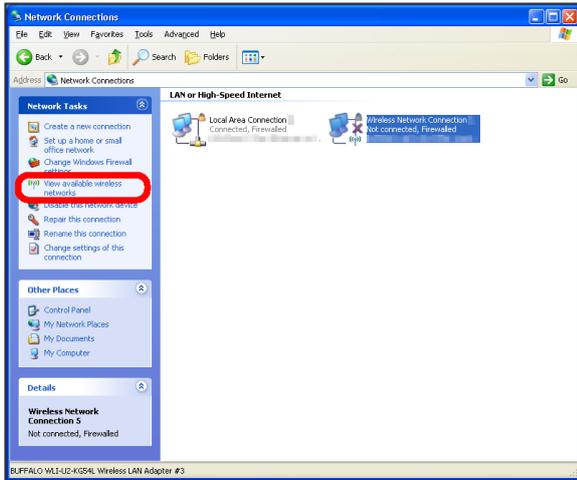
3

Start → Control Panel → Network and Internet → Network Connections



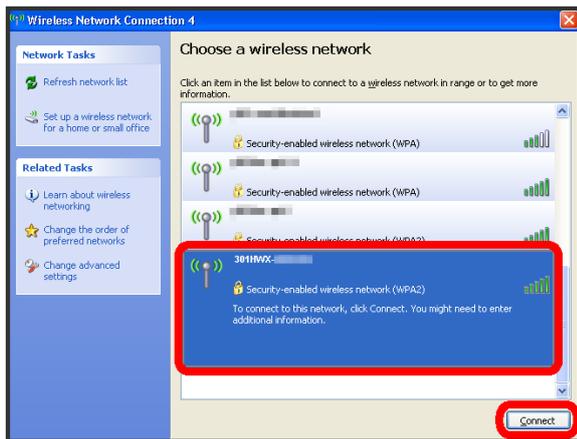
4

Wireless Network Connection → In "Network Tasks", View available wireless networks



5

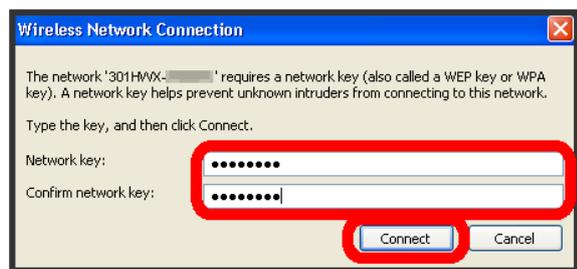
Select Wi-Fi router's SSID → Connect



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

6

Enter Security Key in "Network key" and "Confirm network key" → Connect



When connection is established, WLAN connection count number on Display increases by one (e.g. →).

- For Security Key, see "SSID and Security Key."

SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting Mac

Connect a Mac to connect to the Internet.

Mac

This section describes setup operations with screenshots and steps for WPA security setting on Mac OS X 10.8.

1

Press & Hold Power Button for two seconds or more



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

When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

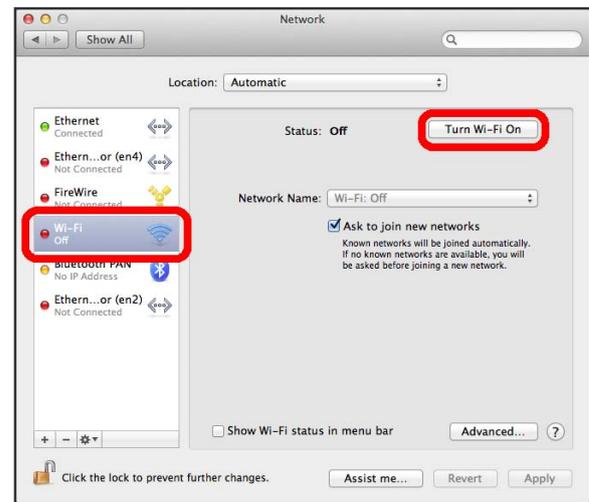
2

In Apple menu, **System Preferences...** → **Network**



3

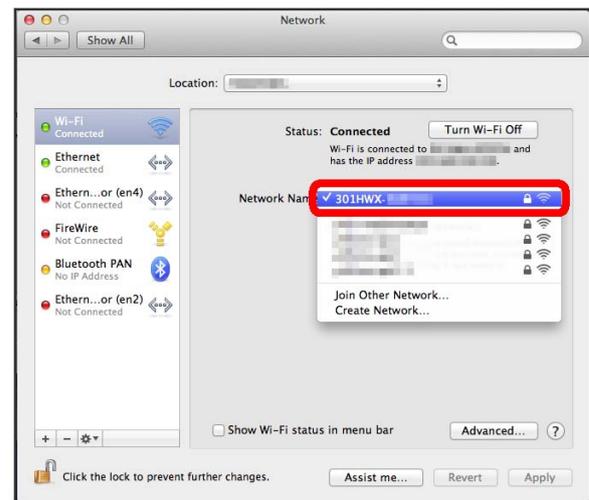
Wi-Fi → Turn Wi-Fi On



WLAN function on Mac is enabled.

4

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



- For SSID, see "[SSID and Security Key](#)."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

5

Enter Security Key in "Password" correctly → Click "Remember this network" → Join



When connection is established, WLAN connection count number on Display increases by one (e.g. 0 → 1).

· For Security Key, see "SSID and Security Key."

! SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting iPhone/iPod touch/iPad

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

iPhone/iPod touch

This section describes setup operations with screenshots and steps for WPA security setting on iPhone.

1

Press & Hold Power Button for two seconds or more

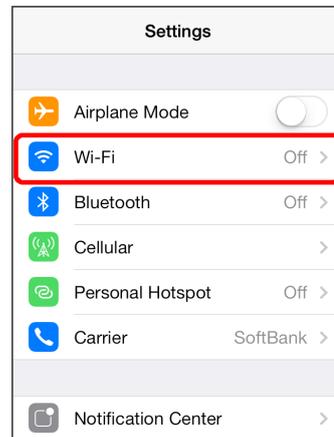


Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

· When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

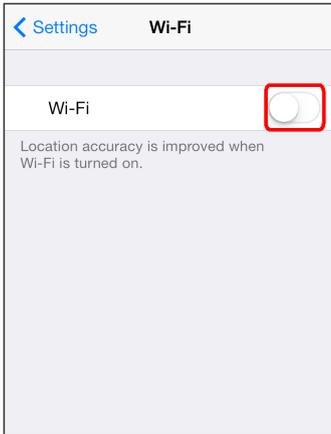
2

Settings → Wi-Fi



3

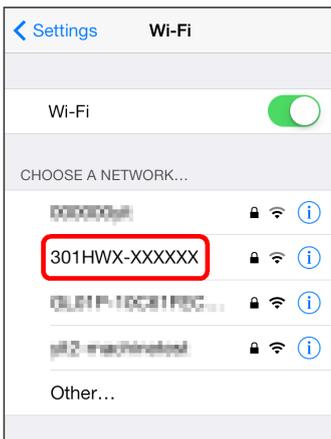
Turn on Wi-Fi



🚩 WLAN function on iPhone/iPod is enabled.

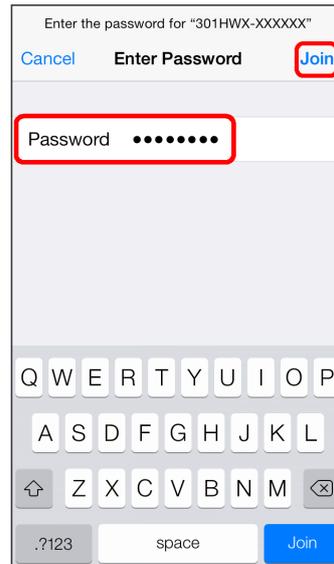
4

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



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Tap set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm  (Number of connected devices) appears.

5

Enter Security Key in "Password" correctly → 

🚩 When connection is established, WLAN connection count number on Display increases by one (e.g.  → ).

- For Security Key, see "SSID and Security Key."

iPad

This section describes setup operations with screenshots and steps for WPA security setting.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

Settings → Wi-Fi



3

Turn on Wi-Fi



WLAN function on iPad is enabled.

4

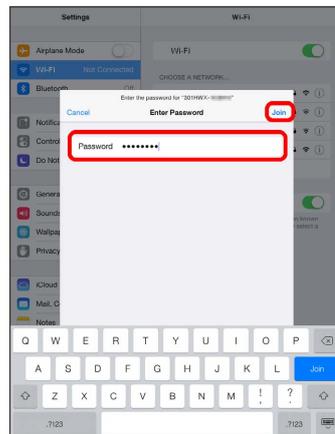
In " CHOOSE A NETWORK..." list, Tap item with Wi-Fi router's SSID shown



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Tap set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

5

Enter Security Key in "Password" correctly → Join



When connection is established, WLAN connection count number on Display increases by one (e.g. →).

- For Security Key, see "SSID and Security Key."

! SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see, "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting Android™ Device

Connect an Android™ device to connect to the Internet.

Android™ Device

This section describes setup operations with screenshots and steps for WPA security setting on Android™ 4.0. 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 Power Button for two seconds or more



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

When WLAN is enabled,  (Number of connected devices) lights and when Wi-Fi router connects to the Internet,  (Internet connected) lights.

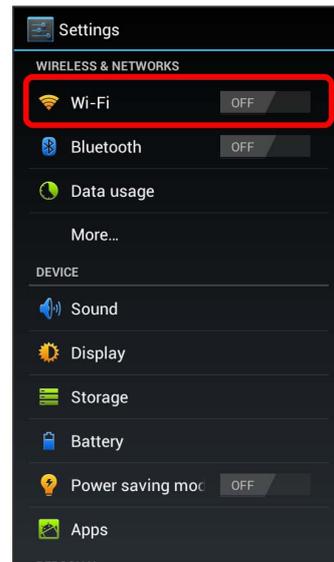
2

In Home screen of Android™ device, 



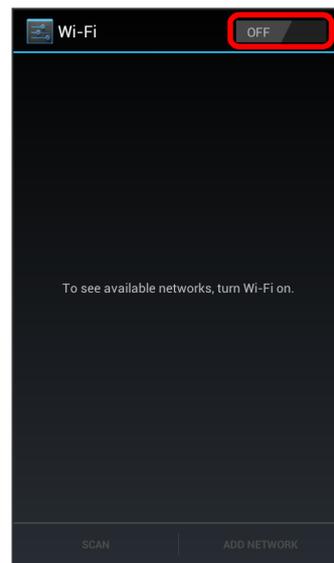
3

In "WIRELESS & NETWORK" field, 



4

Enable Wi-Fi



 WLAN function on Android™ device is enabled.

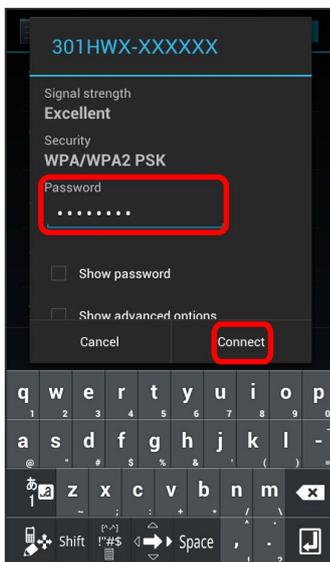
5

Tap Wi-Fi router's SSID



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Tap set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

6

Enter Security Key in "Password" **Connect**

When connection is established, WLAN connection count number on Display increases by one (e.g.).

- For Security Key, see "SSID and Security Key."

SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting Nintendo 3DS LL/3DS/DSi LL/DSi

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

The described connection procedures are independently verified. Please refrain from contacting Nintendo Co., Ltd regarding these descriptions.

Nintendo 3DS LL/3DS

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to Nintendo 3DS LL/3DS user guide.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

In Nintendo 3DS menu, **本体設定** → **はじめる** → **インターネット設定**

"インターネット設定" appears.

3

インターネット接続設定

インターネット接続設定

いつの間に通信

DSソフト用設定

その他の情報

もどる

4

接続先の登録

接続先の登録

接続先
1

接続先
2

接続先
3

もどる

5

自分で設定する

あなたのインターネット接続環境に
合わせた設定方法を
ご案内いたしましょうか？

自分で設定する

おねがいます

もどる

6

アクセスポイントを検索

アクセスポイントを検索

AOSS

らくらく
無線
スタート

WPS

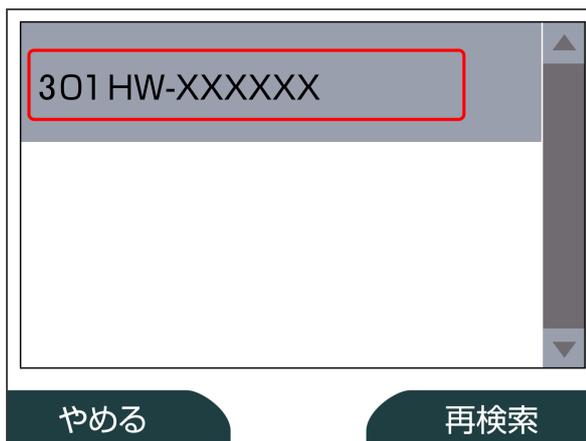
ニンテンドーWi-Fi USBコネクタ

手動で設定

もどる

7

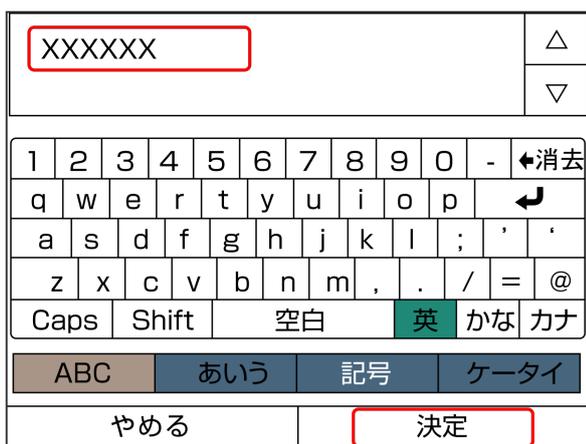
In list, Touch Wi-Fi router's SSID



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Tap set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

8

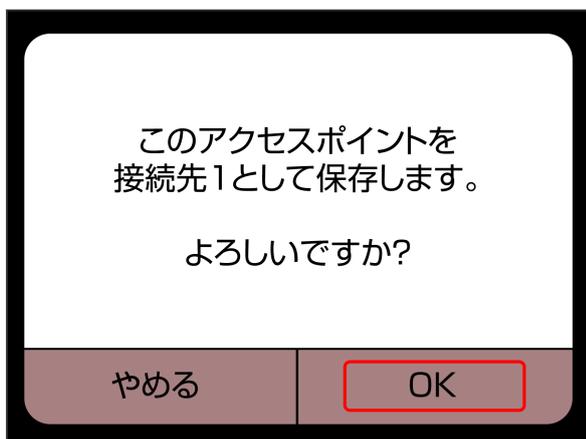
Enter Security Key correctly → 決定



- For Security Key, see "SSID and Security Key."

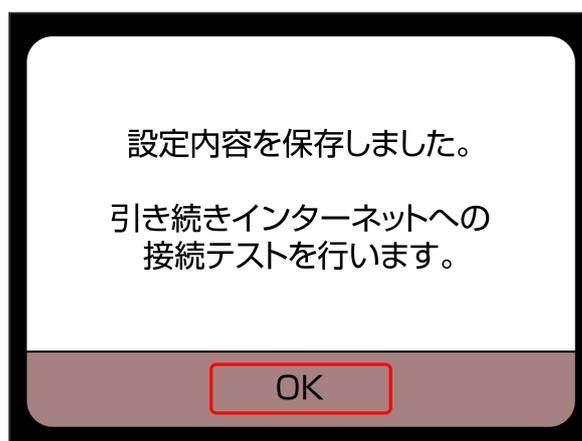
9

OK



10

OK



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

Nintendo DSi LL/DSi

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to Nintendo DSi LL/DSi manual.

1

Press & Hold Power Button for two seconds or more



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

· When WLAN is enabled,  (Number of connected devices) lights and when Wi-Fi router connects to the Internet,  (Internet connected) lights.

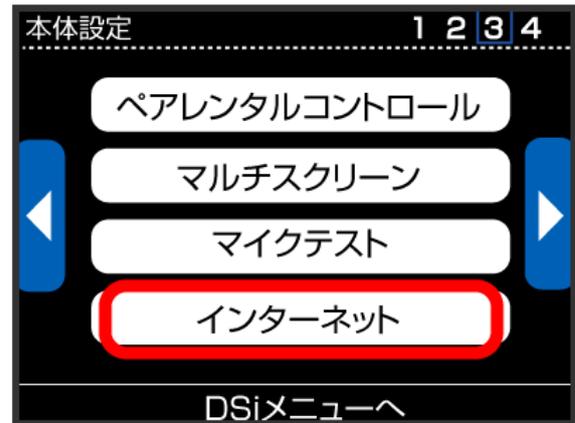
2

In Nintendo DSi menu, **本体設定**



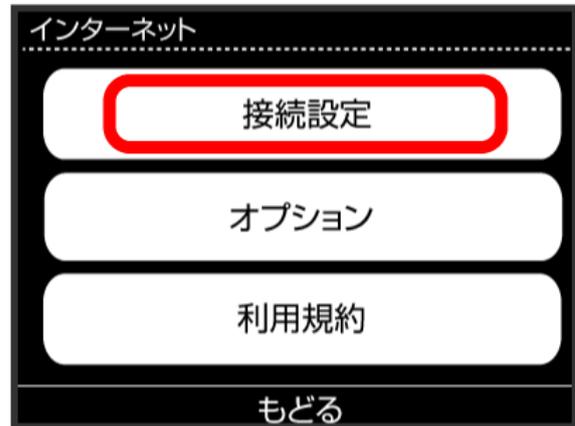
3

インターネット



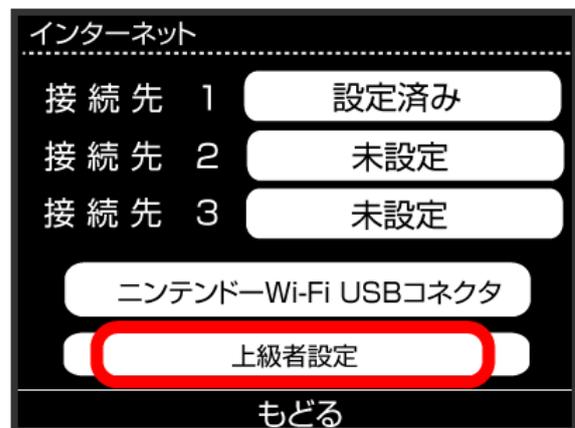
4

接続設定



5

上級者設定

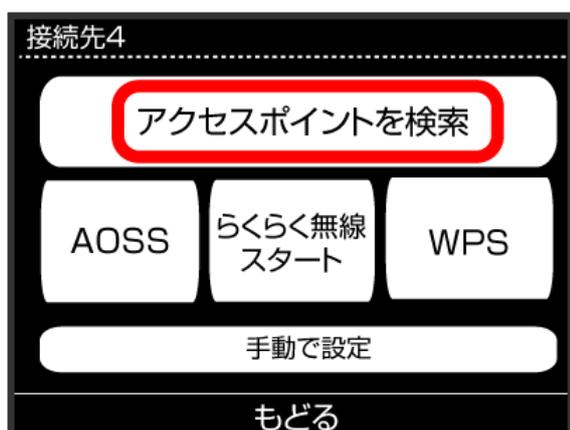


6

Touch any one of **未設定**

7

アクセスポイントを検索



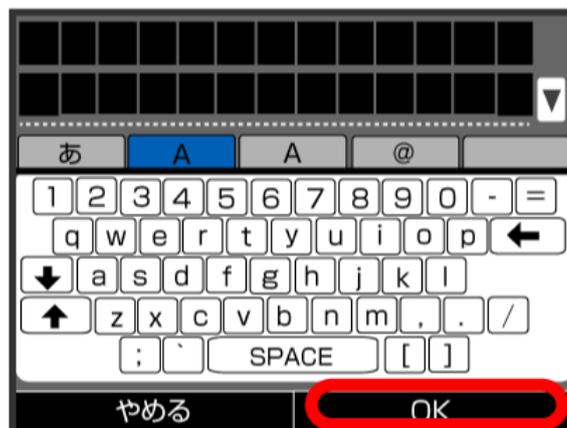
8

In list, Touch Wi-Fi router's SSID



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Touch set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm  (Number of connected devices) appears.

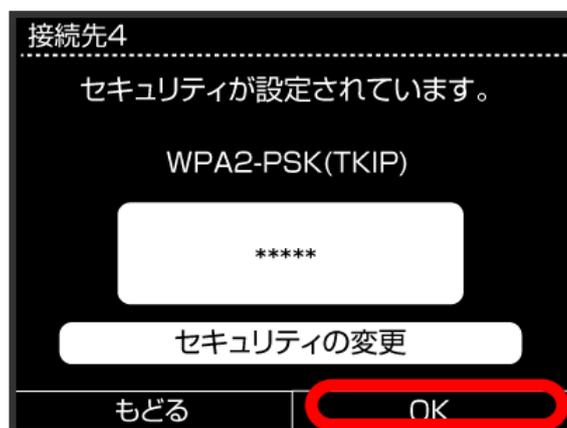
9

Enter Security Key correctly, **OK**

- For Security Key, see "SSID and Security Key."

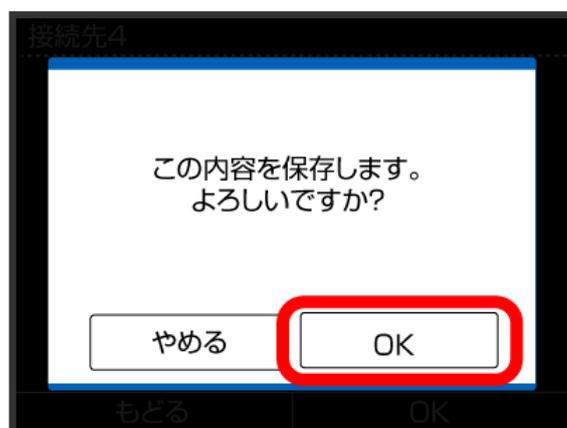
10

OK



11

OK



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

! SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting Wii U/Wii

Connect Wii U/Wii to connect to Internet.

The described connection procedures are independently verified. Please refrain from contacting Nintendo Co., Ltd regarding these descriptions.

Wii U

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to Wii U user guide.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

In Wii U menu, **Wii U本体設定**

3

インターネット

4

インターネットに接続する

Searching access points starts.

5

In list, select Wi-Fi router's SSID

- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

6

Enter Security Key correctly, **OK**

Connection test starts. When "接続テストに成功しました。" appears, setting is complete. When connection is established, WLAN connection count number on Display increases by one (e.g. **0** → **1**).

· For Security Key, see "SSID and Security Key."

7

OK

Saving of settings starts.

- When setting default access point window appears, set if necessary.
- Wii U update window may appear. Update if necessary. For updates or operations, refer to Nintendo website.

Wii

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to Wii user guide.

To connect Wii with Wi-Fi router, change Wi-Fi通信規格設定 to "IEEE802.11 b/g/n." For details, see "Connecting IEEE802.11b WLAN Device."

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, **0** (Number of connected devices) lights and when Wi-Fi router connects to the Internet, **⊕** (Internet connected) lights.

2

In Wii menu, **Wii**

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, select Wi-Fi router's SSID

- For SSID, see "[SSID and Security Key](#)."
- If Wi-Fi router's SSID is changed, select set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm  (Number of connected devices) appears.

10

Enter Security Key correctly, 

- For Security Key, see "[SSID and 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. When connection is established, WLAN connection count number on Display increases by one (e.g.  → ).

SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "[SSID and Security Key](#)." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting PlayStation®Vita/PSP® (PlayStation®Portable)

Connect PS Vita and PSP® to connect to the Internet. The described connection procedures are independently verified. Please refrain from contacting Sony Computer Entertainment Inc. regarding these descriptions.

PlayStation®Vita

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to PS Vita user guide.

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled,  (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



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, Touch set name.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm  (Number of connected devices) appears.

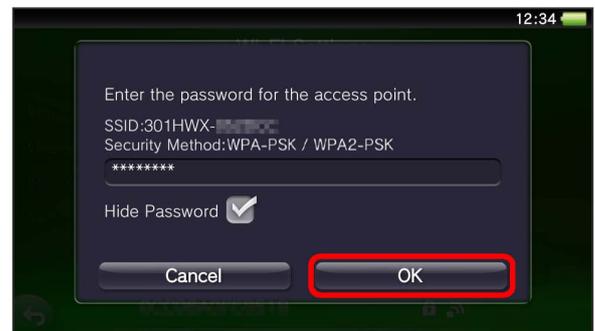
6

Enter Security Key  

- For Security Key, see "SSID and Security Key."

7

OK



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

PSP® (PlayStation®Portable)

This section describes setup operations with screenshots and steps for WPA security setting on PSP-2000/PSP-3000. Some operations and screenshots vary when using PSP-1000* or by security method. For details, refer to PSP® user guide. *For PSP-1000 system software older than ver1.52, some operations differ.

1

Press & Hold Power Button for two seconds or more



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

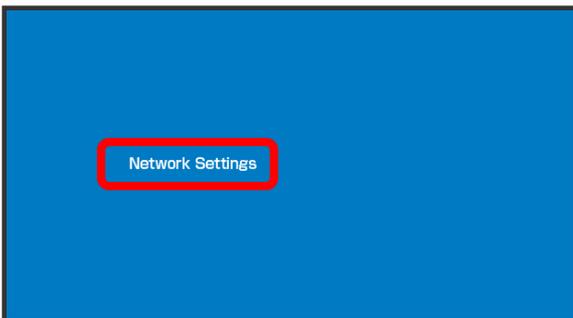
- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

2

Turn on PSP® WLAN Switch

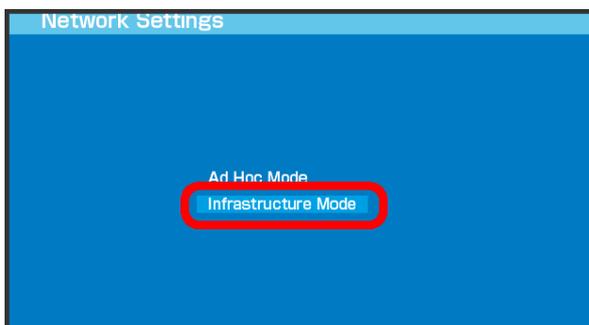
3

In PSP® Home menu, **Settings** → **Network Settings** → Press Button



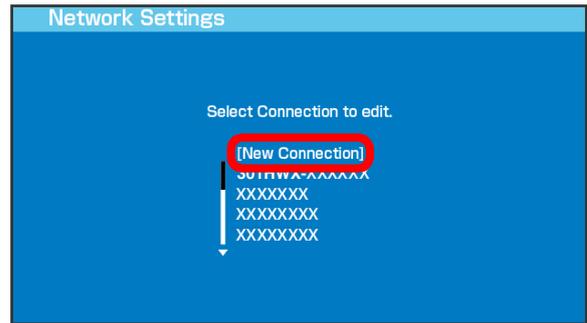
4

Infrastructure Mode → Press Button



5

New Connection → Press Button



- For PSP-1000, Enter connection name and Press Direction Key "▷."

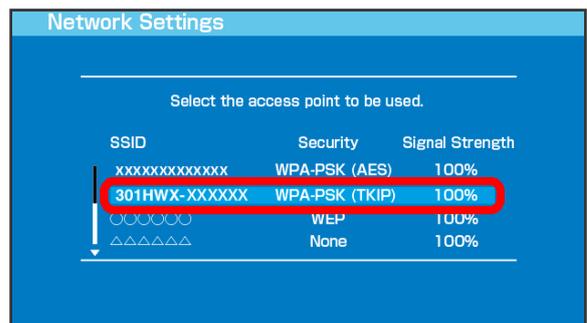
6

Scan → Press Direction key "▷"



7

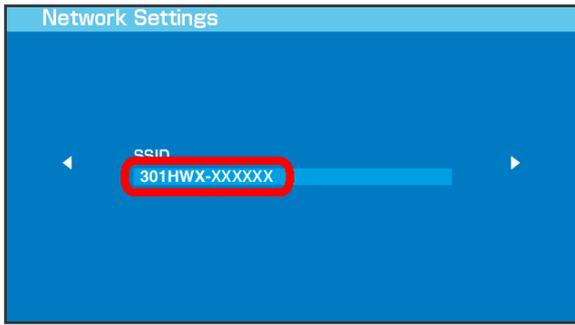
In the list, select Wi-Fi router's SSID → Press Button



- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name, then Press Button.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm (Number of connected devices) appears.

8

Confirm SSID → Press Direction Key " ▷ "



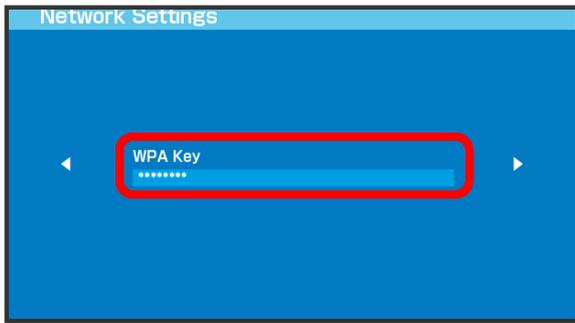
9

WPA-PSK (TKIP) → Press Direction Key " ▷ "



10

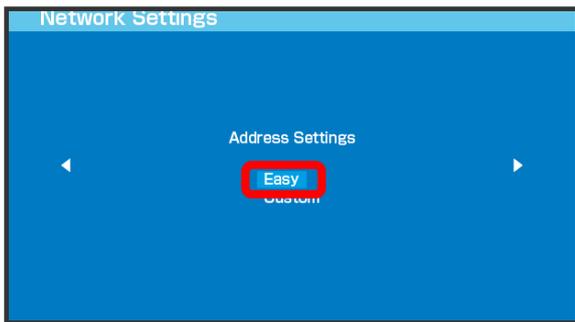
Press ● Button → Enter Security Key → Press Direction Key " ▷ "



· For Security Key, see "SSID and Security Key."

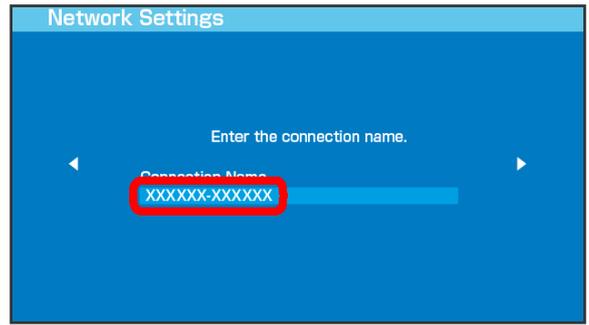
11

Easy → Press Direction Key " ▷ "



12

Confirm connection name → Press Direction Key " ▷ "



· This window does not appear in PSP-1000. Go to step 13 .

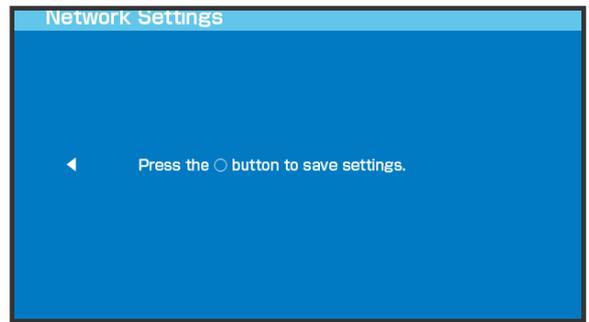
13

Confirm setting list → Press Direction Key " ▷ "

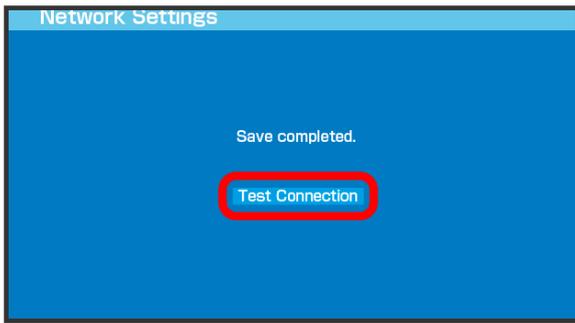


14

Press ● Button



15

Press  Button

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

SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "[SSID and Security Key](#)." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting PlayStation®3

Connect PS3® to connect to Internet.

The described connection procedures are independently verified. Please refrain from contacting Sony Computer Entertainment Inc. regarding these descriptions.

PlayStation®3

This section describes setup operations with screenshots and steps for WPA security setting. Some operations and screenshots vary by security method. For details, refer to PS3® user guide.

1

Press & Hold Power Button for two seconds or more

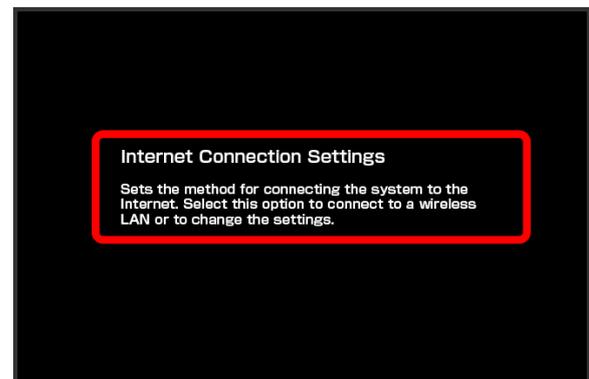


 Lock Screen appears when powered on and WLAN function is enabled. Wi-Fi router automatically connects to the Internet.

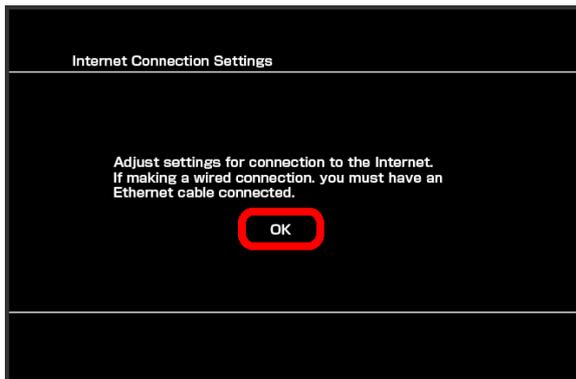
- When WLAN is enabled,  (Number of connected devices) lights and when Wi-Fi router connects to the Internet,  (Internet connected) lights.

2

In PS3® Home menu,    

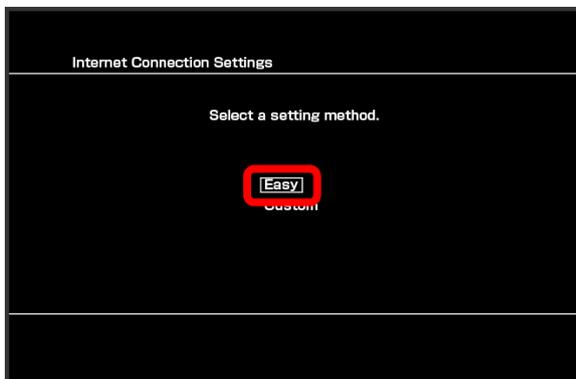



3

OK → Press  Button

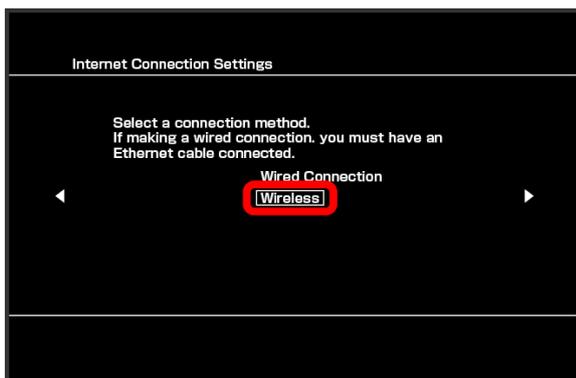
4

Easy → Press Direction Key " ▷ "



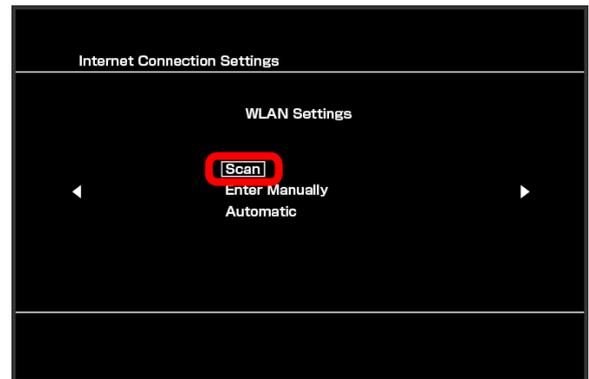
5

Wireless → Press Direction Key " ▷ "

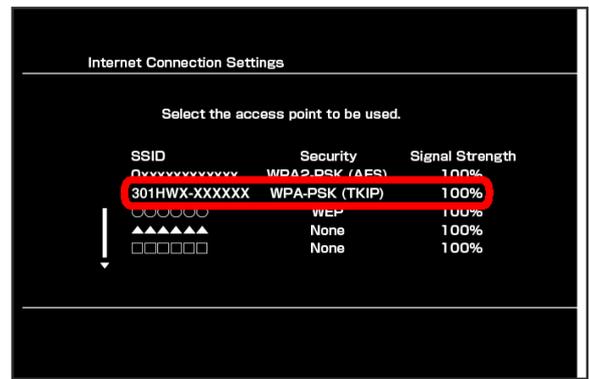


6

Scan → Press Direction Key " ▷ "



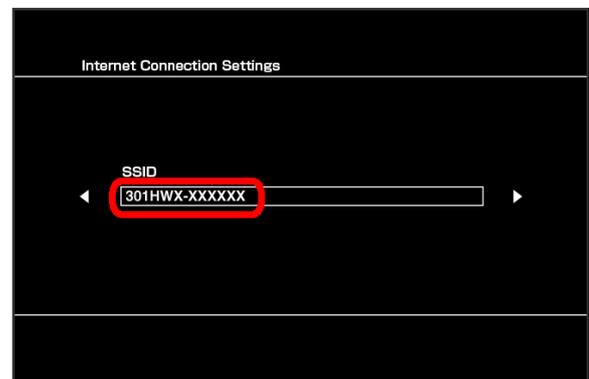
7

In list, select Wi-Fi router's SSID → Press  Button

- For SSID, see "SSID and Security Key."
- If Wi-Fi router's SSID is changed, select set name, then Press  Button.
- When "SSID" is not shown, Press Power Button to show Lock Screen, then confirm  (Number of connected devices) appears.

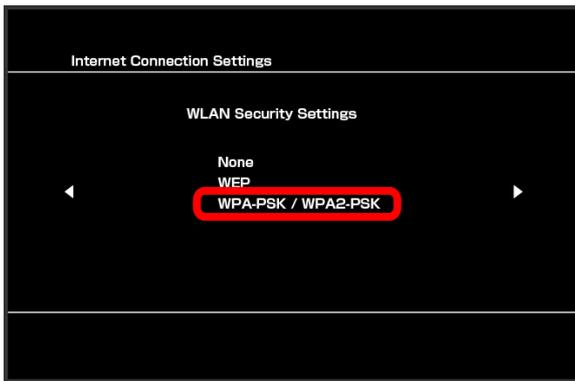
8

Confirm SSID → Press Direction Key " ▷ "



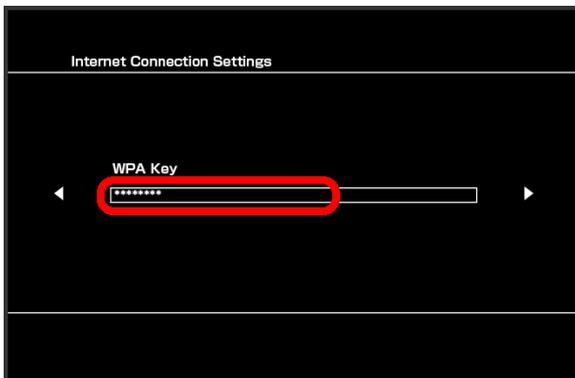
9

WPA-PSK/WPA2-PSK → Press Direction Key " ▷ "



10

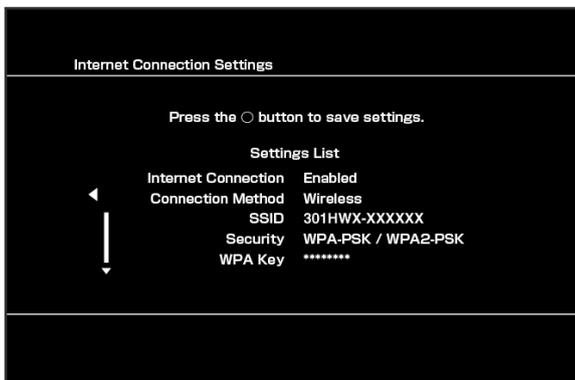
Press ● Button → Enter Security Key → Press Direction Key " ▷ "



· For Security Key, see "SSID and Security Key."

11

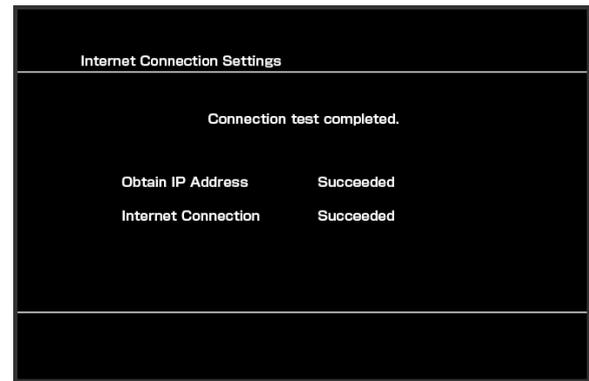
Confirm the setting list → Press ● Button



Saving of settings starts.

12

Press ● Button



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

! SSID (Network Name) and Security Key (WPA Key or WEP Key)

For SSID and Security Key, see "SSID and Security Key." If they are changed, use set SSID and Security Key. Default SSID is shown in alphanumeric with leading "301HWa-" or "301HWb-." Do not connect to other neighboring WLAN network.

Connecting WPS Supported WLAN Device

WPS Supported WLAN Device

1

Press & Hold Power Button for two seconds or more



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

- When WLAN is enabled, (Number of connected devices) lights and when Wi-Fi router connects to the Internet, (Internet connected) lights.

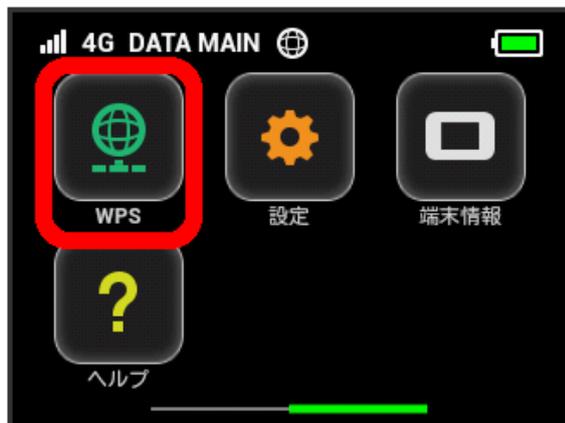
2

Enable WLAN function on WLAN device, then prepare for WPS settings as required

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

3

In Home screen, WPS



4

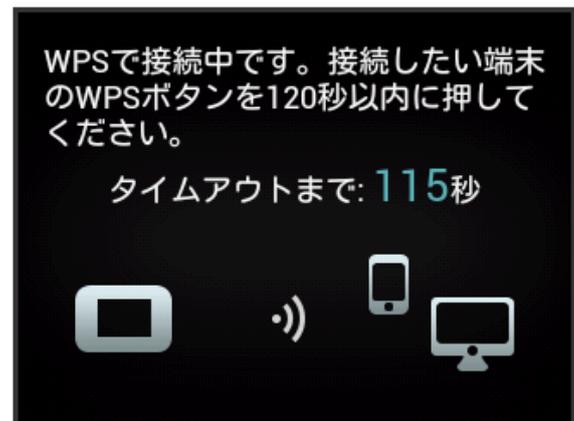
無線LAN端末と接続する



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

5

On WLAN device, configure WPS connection



6

OK



When "接続に失敗しました" appears, Tap OK, then retry.

7

If other settings on WLAN device are necessary, follow onscreen instructions

When connection is established, WLAN connection count number on Display increases by one (e.g.   .

! Notes on WPS Use

SSID Stealth

When SSID stealth is activated, WPS is unavailable. For SSID stealth, see "[Setting SSID or Authorization Method.](#)"

Security Method

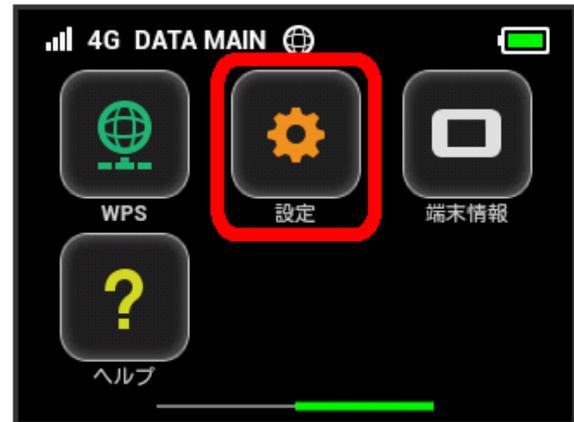
When Security is set to WEP, connecting WLAN device by WPS is not available.

Connecting IEEE802.11b WLAN Device

IEEE802.11b WLAN Device

1

In Home screen, 



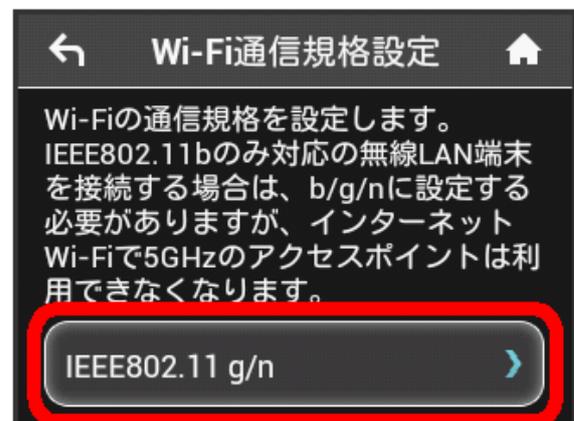
2

Wi-Fi通信規格設定



3

IEEE802.11 g/n



4

Checkmark "IEEE802.11 b/g/n"



Connecting IEEE802.11b WLAN device is enabled.

- Wi-Fi router cannot be used via Internet Wi-Fi 5GHz access point.

Connecting with Micro USB Cable (Windows)

USB Connection with Windows PC.....	48
Device Recognition/Removal on Windows PC.....	48
Installing/Uninstalling Driver (Windows PC).....	50

USB Connection with Windows PC

Overview

Wi-Fi router automatically connects to Internet when powered on. Use a PC connected to Wi-Fi router with Micro USB Cable to transfer data.

Device Recognition/Removal on Windows PC

Device Recognition (Windows PC)

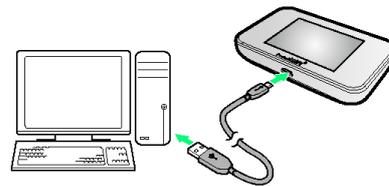
When connecting Wi-Fi router to PC for the first time, Driver software is automatically installed.

1

Power on PC

2

Connect Micro USB Cable to External Device Port, then insert USB plug into a PC



 PC recognizes Wi-Fi router (it takes a while.)

- If auto-installation is not allowed on your PC, installation selection window may appear. Click "RunAutoRun.exe" to install driver.

Device Removal (Windows)

- For Windows 8/Windows 7 users, make sure to finish data upload or download, then remove Wi-Fi router.
- For Windows Vista/Windows XP users, use "Safely Remove Hardware/Safe to Remove Hardware" to stop device operation, then remove Wi-Fi router from PC. See following steps for removal.

1

Make sure that data uploading or downloading has finished

2

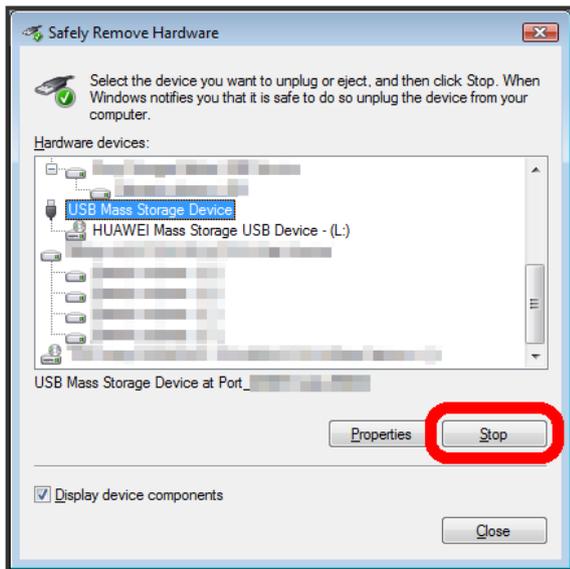
Double-click  on Task Tray

 "Safely Remove Hardware" appears.

- For Windows XP, Double-Click  on Task Tray.

3

USB Mass Storage Device → Stop



 "Stop a Hardware device" appears.

- For Windows XP, **USB Mass Storage Device** appears.
- If multiple USB devices are connected to PC, make sure to select Wi-Fi router.

4

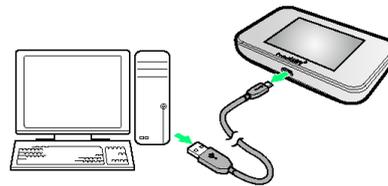
OK



- Check if Wi-Fi router is safe to remove.

5

When message for safe removal appears, remove Wi-Fi router



 Device removal is complete.

! Notes on Device Removal

Operation While in Standby/Sleep Mode

Wi-Fi router may malfunction if PC goes into standby (suspend/resume) or Sleep (hibernation) mode with it connected. Make sure to remove Wi-Fi router before PC goes into standby or Sleep mode. Wi-Fi router may malfunction if PC restarts or turn on with it connected. Remove Wi-Fi router before starting PC.

WEB UI

Exit WEB UI before removing Wi-Fi router from PC. Do not remove Wi-Fi router from PC during data communication.

Installing/Uninstalling Driver (Windows PC)

Manual Installation

When connecting Wi-Fi router to PC for the first time, Driver software is automatically installed.

If installation does not start automatically depending on PC environment or installation selection window does not appear, install in the following steps.

Screenshots and steps described here are for Windows 8.

- Power on PC and connect Wi-Fi router in advance.

1

Desktop → Activate Explorer

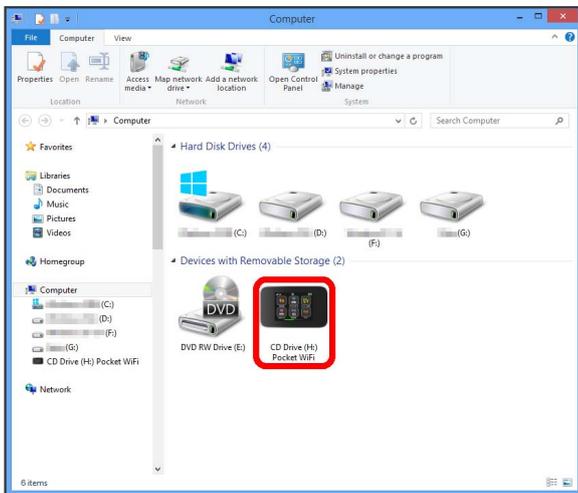
2

Computer

- For Windows 7, Start menu → Computer .
- For Windows Vista, Start menu → Computer .
- For Windows XP, Start menu → My Computer .

3

Double-click Pocket WiFi



"User Account Control" appears.

- For Windows XP, "User Account Control" does not appear. When Web browser activates and WEB UI Login window appears, installation is complete.

4

Yes

Installation is complete.

- For Windows Vista, Click Continue .

Uninstalling Driver

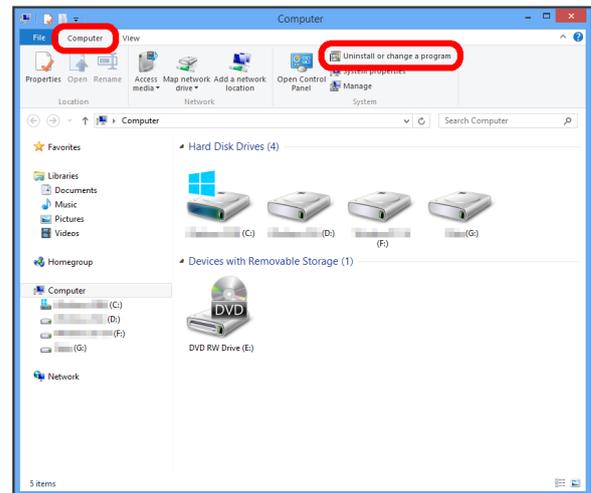
Screenshots and steps described here are for Windows 8.

1

Desktop → Activate Explorer

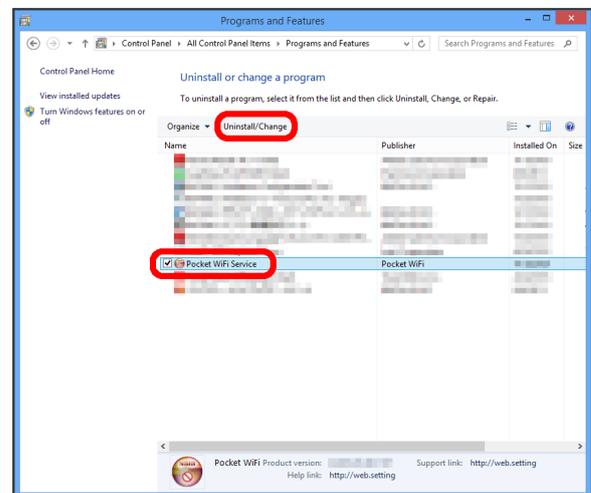
2

Computer → Uninstall or change a program



3

In list, select Pocket WiFi Service → Uninstall/Change



Uninstallation starts.

+ Windows 7/Windows Vista/Windows XP

Windows 7
Operate as follows.
Start menu → Control Panel → Programs → Programs and Features → Pocket WiFi Service → Uninstall/Change → In "User Account Control", Yes
Uninstallation starts.

Windows Vista
Operate as follows
Start menu → Control Panel → Programs → Programs and Features → Pocket WiFi Service → Uninstall/Change → In "User Account Control", Continue
Uninstallation starts.

Windows XP
Operate as follows
Start menu → Control Panel → Add or Remove Programs → Pocket WiFi Service → Uninstall
Uninstallation starts.

! Notes on Installation

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

Administrative Privileges
Log in as Administrator.

Connecting with Micro USB Cable (Mac)

USB Connection with Mac.....	54
Device Recognition/Removal on Mac.....	54
Installing/Uninstalling Driver (Mac).....	55

USB Connection with Mac

Overview

Wi-Fi router automatically connects to Internet when powered on. Use a Mac connected to Wi-Fi router with Micro USB Cable to transfer data.

Device Recognition/Removal on Mac

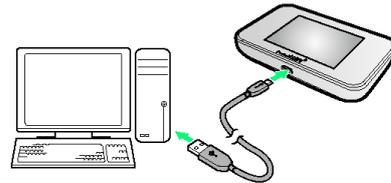
Device Recognition (Mac)

1

Power on Mac

2

Connect Micro USB Cable to External Device Port, then insert USB plug into Mac



Mac recognizes Wi-Fi router (it takes a while.)

Device Removal (Mac)

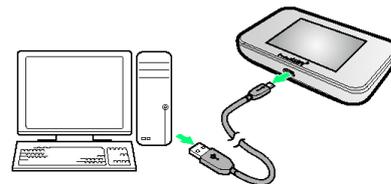
Remove Wi-Fi router from Mac in the following steps.

1

Make sure that data uploading or downloading has finished

2

Remove Wi-Fi router from Mac



Device removal is complete.

Notes on Device Removal

Operation During Sleep Mode

Wi-Fi router may malfunction if Mac goes into Sleep mode with it connected. Make sure to remove Wi-Fi router before Mac goes into Sleep mode. Wi-Fi router may malfunction if PC restarts or turn on with it connected. Remove Wi-Fi router before activating Mac.

WEB UI

Exit WEB UI before removing Wi-Fi router from PC. Do not remove Wi-Fi router from PC during data communication.

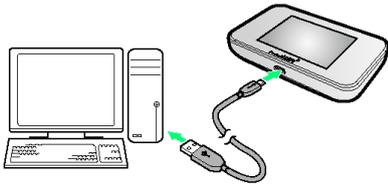
Installing/Uninstalling Driver (Mac)

Driver Installation (Mac)

Screenshots and steps described here are for Mac OS X 10.8.

1

Connect Wi-Fi router to Mac



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

2

Double-click **Pocket WiFi**



3

Enter Mac Name (user name) and Password and Click **OK**

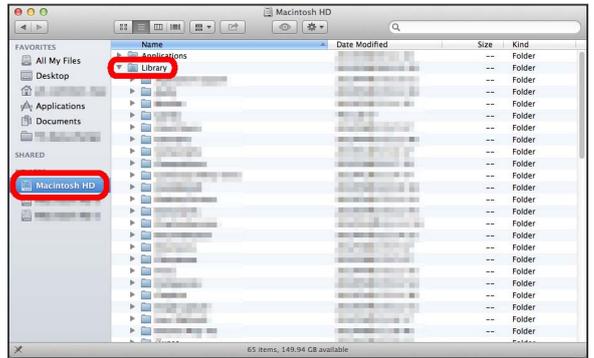


When complete, "Pocket WiFi" icon and "Pocket WiFi" folder are removed on Desktop.

Uninstalling Driver (Mac)

1

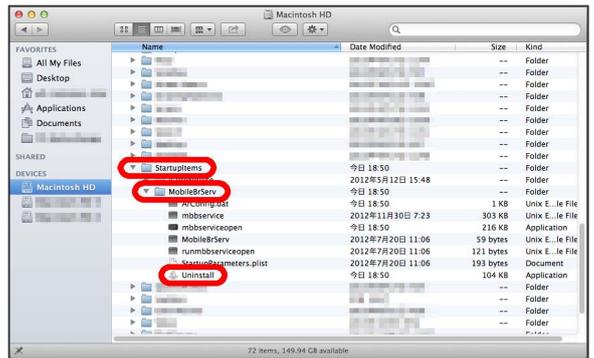
In Dock, In "DEVICES", **Macintosh HD** Library



"Macintosh HD" is a hard disk name. It may vary by operating environment.

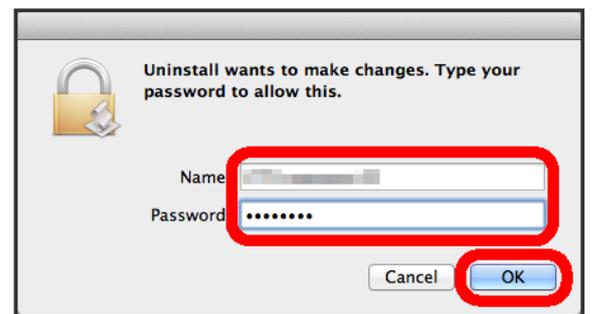
2

StartupItems MobileBrServ Double-click **Uninstall**



3

Enter Mac Name (user name) and Password and Click **OK**



When complete, "MobileBrServ" folder becomes empty.

Settings (Touch Menu)

Touch Menu.....	58
Quick Setup.....	58
Showing/Setting Data Usage.....	62
Setting Internet Wi-Fi.....	66
Checking Information.....	68
Checking WLAN Connecting Device Information.....	70
Setting SSID or Authorization Method.....	70
Using WPS.....	74
Other Settings.....	76
Checking Wi-Fi Router Information.....	83
Checking Help.....	84

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 Icon

For description for icons in Touch Menu, see "[Touch Menu Icons](#)."

Quick Setup

Use **かんたん設定** to check Wi-Fi router's SSID and Security Key, configure WPS connection or set Pass code for canceling Screen Lock.

Quick Setup (Manual Connection)

Show SSID and Security Key to connect Wi-Fi router and WLAN devices manually.

1

かんたん設定



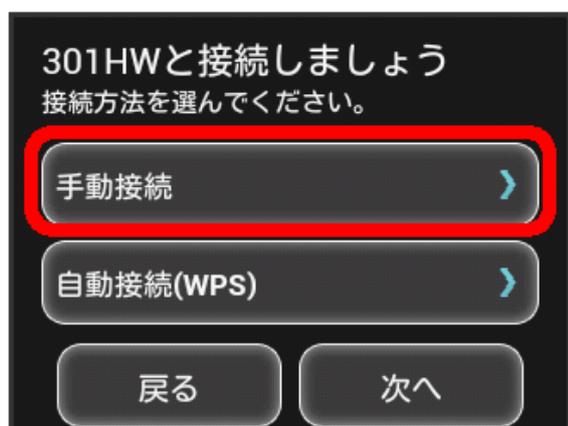
2

次へ



3

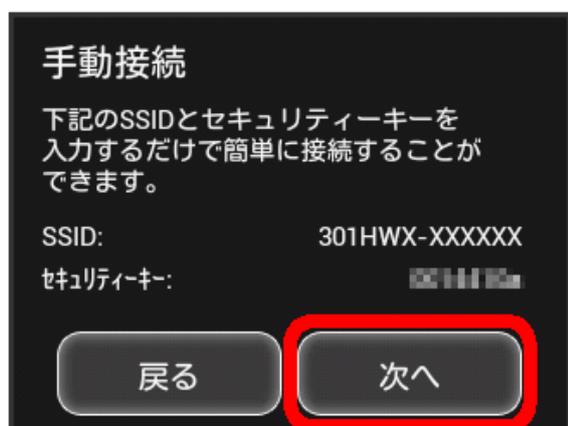
手動接続



· If not connecting to WLAN device, Tap **次へ**, then go to step **5**.

4

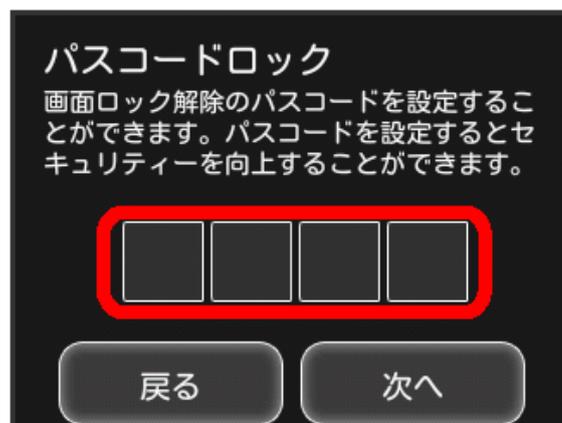
Confirm SSID and Security Key → Set for connection on WLAN device → **次へ**



· For connection to WLAN devices, see "[Connecting Windows PC](#)", "[Connecting Mac](#)", "[Connecting iPhone/iPod touch/iPad](#)", "[Connecting Android™ Device](#)", "[Connecting Nintendo 3DS LL/3DS/DSi LL/DSi](#)", "[Connecting Wii U/Wii](#)", "[Connecting PlayStation®Vita/PSP®\(PlayStation®Portable\)](#)", "[Connecting PlayStation®3](#)."

5

To set Pass code for canceling Screen Lock, Tap entry field



· If not setting Pass code, Tap **次へ** without any entry and go to step **9**.

6

Enter four-digit Pass code → **OK**

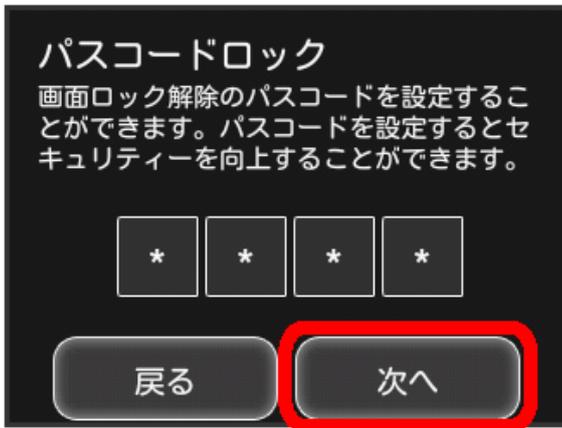
· When Pass code is set, Pass code entry screen appears when unlocking screen. For unlocking screen by entering Pass code, see "[Entering Pass Code to Unlock Screen](#)."

7

Re-enter four-digit Pass code → **OK**

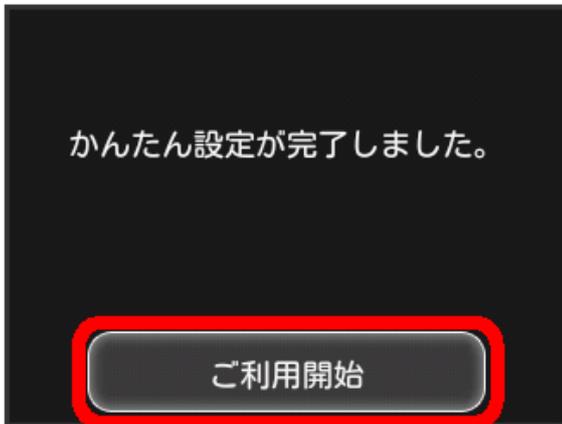
8

次へ



9

ご利用開始



🏠 Home screen appears. **かんたん設定** is complete.

Quick Setup (Auto Connection)

Use WPS function to connect Wi-Fi router and WLAN devices automatically.

1

かんたん設定



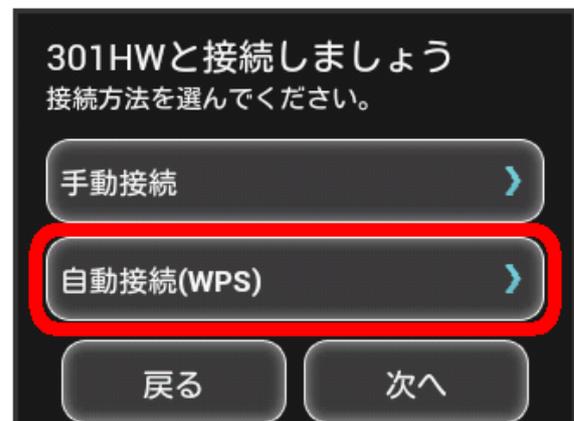
2

次へ



3

自動接続 (WPS)

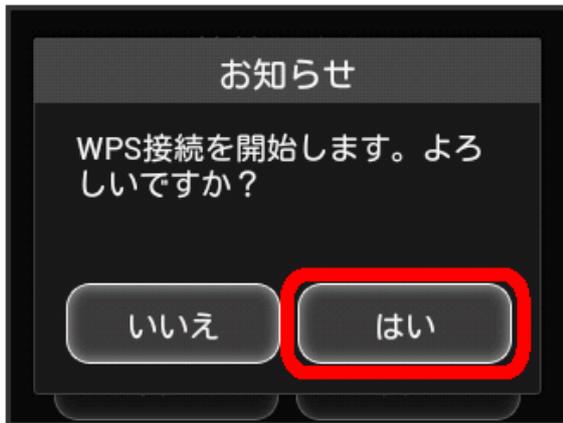


· If skipping WLAN connection, Tap **次へ** and go to step

7.

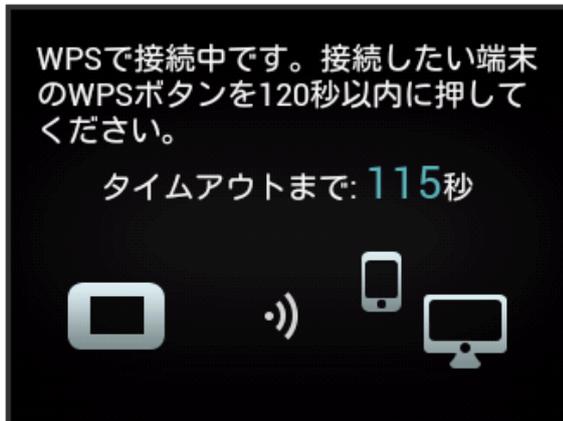
4

はい



5

On WLAN device, make WPS connection settings



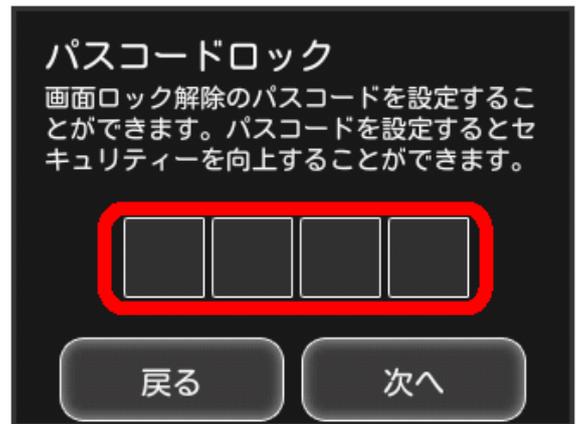
6

OK



7

To set Pass code for screen unlock, Tap entry field



· If not setting Pass code, Tap **次へ** without any entry and go to **11**.

8

Enter four-digit Pass code



· 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.](#)"

9

Re-enter four-digit Pass code → OK



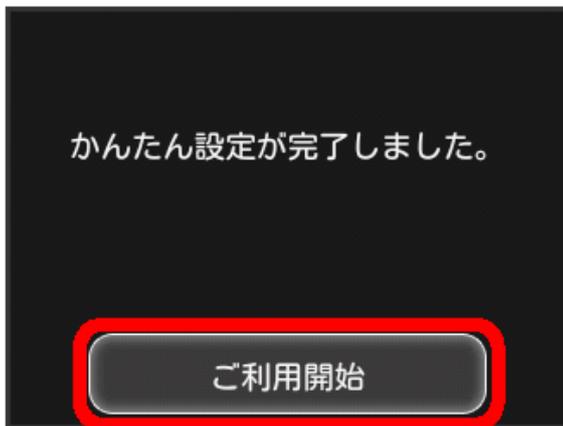
10

次へ



11

ご利用開始



Home screen appears. かんたん設定 is complete.

Showing/Setting Data Usage

Set to show/hide data traffic volume for mobile network on Display. Also, set maximum traffic and reset date for accumulated volume.

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

Data traffic does not include Internet Wi-Fi communication.

Checking Data Traffic

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

1

データ通信量



2

Check data traffic volume



Accumulated data traffic volume at the moment from start of use or reset appears in the top of window.

- Current data traffic volume compared to the maximum traffic volume set in データ通信量設定 is shown with bar. For setting maximum traffic, see "[Setting Maximum Traffic.](#)"

Showing Data Traffic on Home Screen

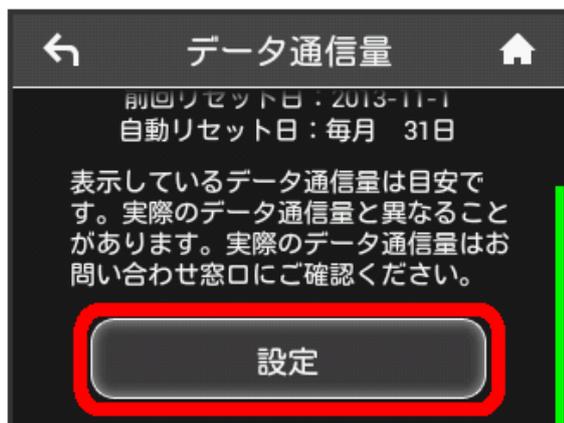
1

データ通信量



2

設定



3

In "ホーム画面に表示", OFF

Switched to ON and the setting is changed.

(Data volume icon) in Home screen switches to (Bar icon). Accumulated data communication volume at the moment from start of use or reset appears.

• Data communication volume shown in (Bar icon) appears with three-digit numbers except for decimal places rounded off.

Setting Maximum Traffic

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

- When data traffic volume exceeds the maximum volume set in 最大通信量,  (Bar icon) changes to  (Bar icon in red).
- Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.

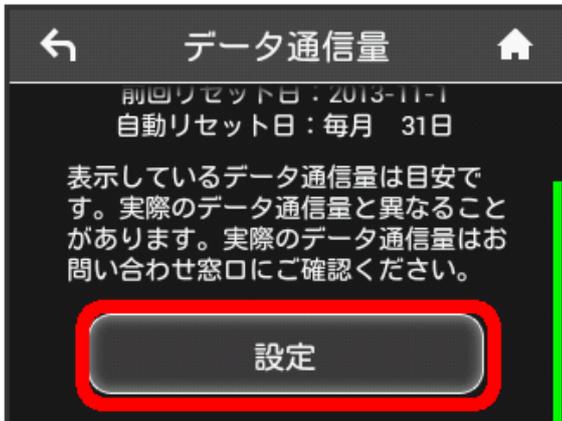
1

データ通信量



2

設定



3

Tap number in "最大通信量"



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

4

Enter number for maximum traffic → OK



 Maximum traffic is set.

- Enter number between 1 and 999.

Setting Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

Counter is reset when the set date changes to the next day.

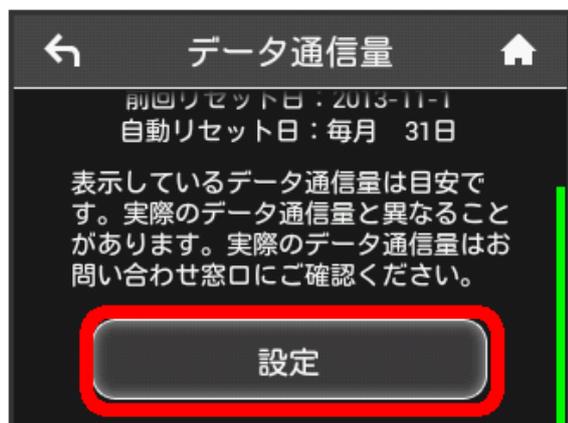
1

データ通信量



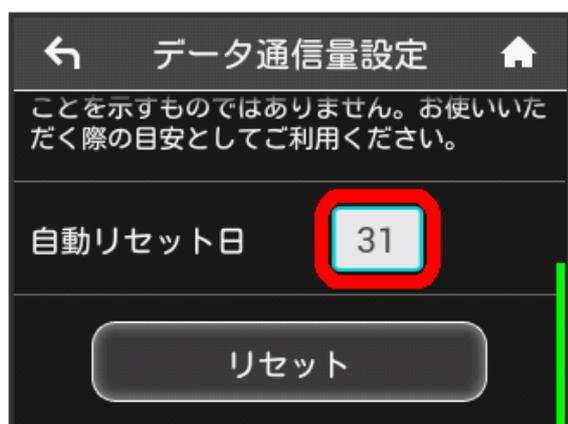
2

設定



3

Tap number in "自動リセット日"



4

Enter day for Auto reset date → OK



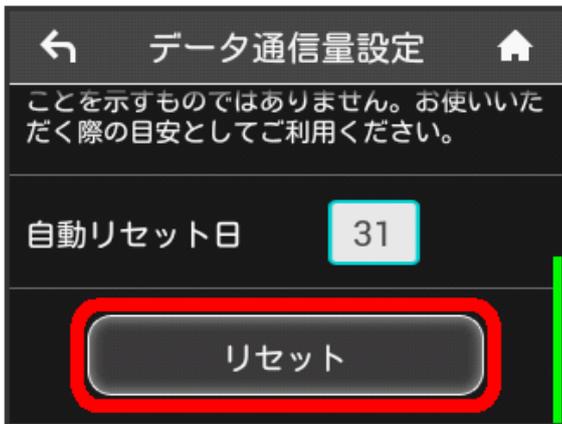
🚩 Auto reset date is set.

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

Resetting Data Traffic

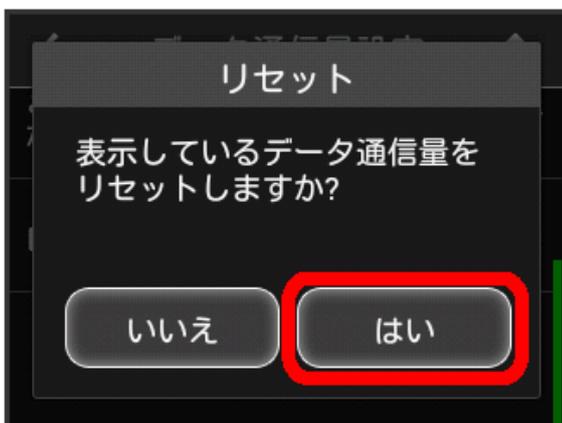
1

データ通信量 → 設定 → リセット



2

はい



 Data volume is reset.

Setting Internet Wi-Fi

Connect to the Internet via WLAN router at home or office, SoftBank Wi-Fi Spot, etc. This Internet connection is described as "Internet Wi-Fi."

Setting Internet Wi-Fi

Connect to the Internet via Wi-Fi.

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

1

インターネットWi-Fi



2

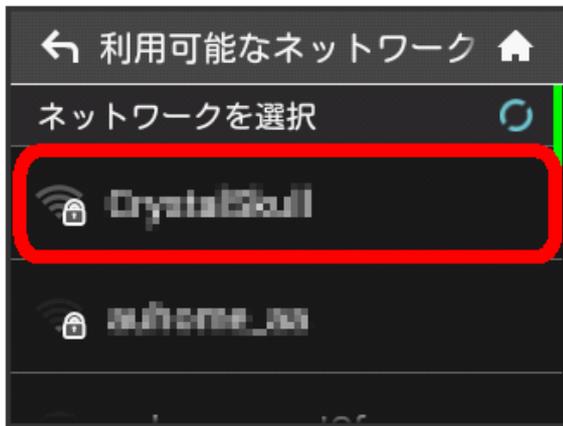
利用可能なネットワーク



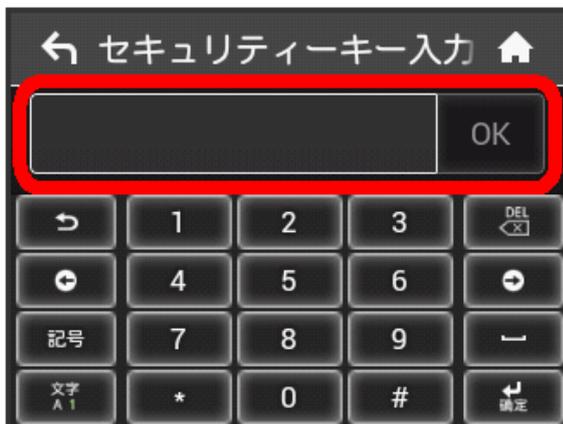
- When "インターネットWi-Fi" is OFF, Tap OFF to ON.
- When "インターネットWi-Fi" is turned to ON with Multi-SSID (SSID B) enabled, information screen appears. Tap はい to disable Multi-SSID automatically.

3

Tap network to connect



4

Enter Security Key, 

 Wi-Fi router connects to Internet via selected network.

Setting Up SoftBank Wi-Fi Spot

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

1

インターネットWi-Fi



2

In "ソフトバンクWi-Fiスポット", 

- ・ When インターネットWi-Fi is , Tap to .
- ・ When "インターネットWi-Fi" is turned to with Multi-SSID (SSID B) enabled, information screen appears. Tap to disable Multi-SSID automatically.

3

ログインパスワード



4

Tap Number Key to enter four-digit login password, then

OK



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

+ Connecting to a New Network via Internet Wi-Fi

In Home screen, インターネットWi-Fi → 利用可能なネットワーク → ネットワークを追加 → OK → Select authorization → OK → Enter Security Key → OK

Wi-Fi router connects to the entered SSID device.

Checking Information

Wi-Fi router receives SoftBank information.

Checking Information

1

お知らせ



2

Confirm Information



Appears when Information is received.

Deleting Information

1

お知らせ



2

削除



3

はい



4

OK



 Information is deleted.

Checking WLAN Connecting Device Information

Check WLAN device information such as PC, smartphone, game consoles connecting to Wi-Fi router.

Checking WLAN Connecting Device Information

1

接続数



2

Check connecting devices



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

Setting SSID or Authorization Method

Set Wi-Fi router SSID (Network Name), Security Key (WPA Key or WEP Key), authorization or encryption. Also, enable/disable Multi-SSID (SSID B) for using two SSIDs.

SSID and Security Key

1

SSID



2

SSID



3

Enter SSID, then **OK**



· For setting details such as text string for SSID, see "Wi-Fi Router Settings (Setting Range/Default Value)."

4

セキュリティキー



5

Enter Security Key, then **OK**



Entered SSID and Security Key are set.

· For setting details such as text string for Security Key, see "Wi-Fi Router Settings (Setting Range/Default Value)."

Authorization

Select authorization used for WLAN connection.
Select authorization method from the followings.

Item	Description
自動	"Open" or "Shared" is selected automatically according to the connecting device authorization method; "WEP" is used for encryption
Open	Authorization by WEP Key is not available; "NONE" or "WEP" is used for encryption
Shared	Authorize using WEP Key to communicate with the same WEP Key device; "WEP" is used for encryption
WPA-PSK	Authorize using WPA Security Key; "AES" or "AES+TKIP" is used for encryption
WPA2-PSK	Authorize using WPA Security Key; "AES" or "AES+TKIP" is used for encryption
WPA/WPA2-PSK	Authorize using WPA Security Key; "AES" or "AES+TKIP" is used for encryption

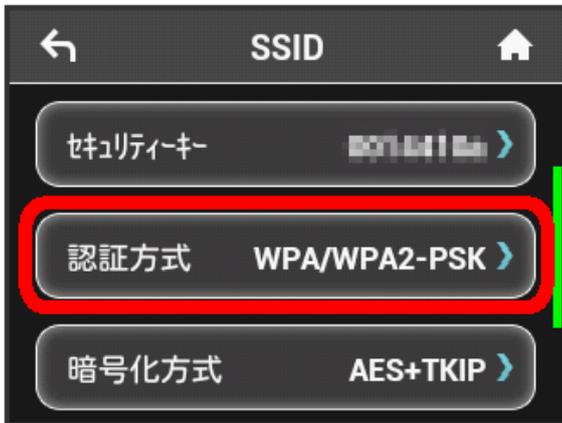
1

SSID



2

認証方式



3

Tap checkmark for authorization



Communication is performed with selected authorization.

· If authorization does not appear, Flick to scroll window.

Encryption Method

Select encryption used for WLAN connection.

1

SSID



2

暗号化方式



3

Tap checkmark for encryption



Communication is performed with selected encryption.

Enabling Multi-SSID

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

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

1

インターネットWi-Fi



2

Tap **ON** in "インターネットWi-Fi"



☑ "設定中" message appears and "インターネットWi-Fi" turns to **OFF**.

3

Return to Home screen to confirm "インターネットWi-Fi" icon is "OFF", then **SSID**



4

OFF of "SSID有効" in "SSID B"



· Information screen appears when Internet Wi-Fi is enabled with "SSID有効" **ON**. Tap **はい** to disable Internet Wi-Fi function automatically.

5

Set SSID and Security Key, authorization and encryption as well as SSID A



SSID B is available.

· For setting procedures, see "[Setting SSID or Authorization Method.](#)"

Using WPS

Wi-Fi router supports WPS. Use WPS to connect WPS supported game console or wireless router easily.

Connecting WLAN Devices

Connect WPS supported WLAN devices.

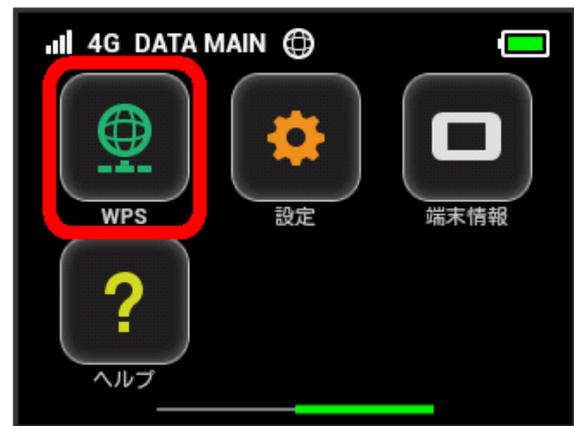
1

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



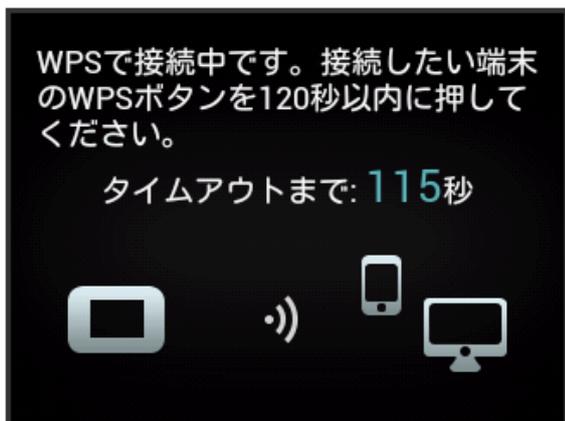
3

無線LAN端末と接続する



4

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



5

OK



· When "接続に失敗しました" 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 Access Point

Connect WPS supported access point.

· Enable Internet Wi-Fi 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



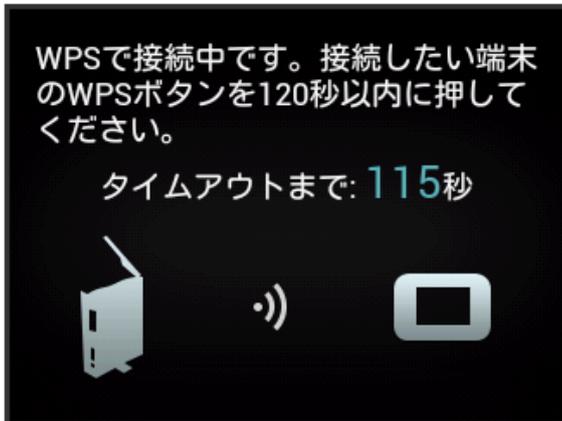
3

アクセスポイントと接続する



4

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



5

OK



When "接続に失敗しました" 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 "[LAN Wi-Fi Basic Settings \(SSID A\)](#)."

Encryption

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

Other Settings

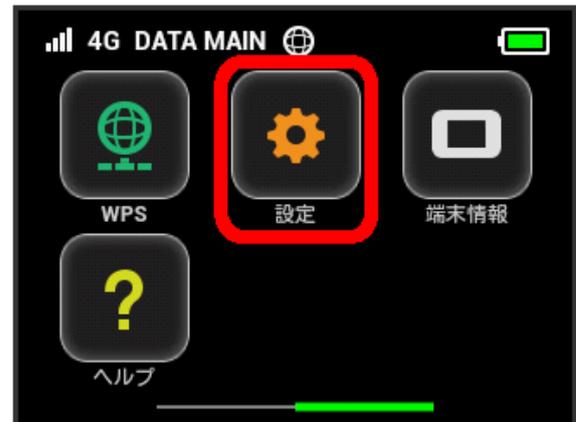
Set Home screen icon, screen brightness, Sleep timer (Sleep mode), etc.

Home Screen

Sort Touch Menu icons on Home screen.

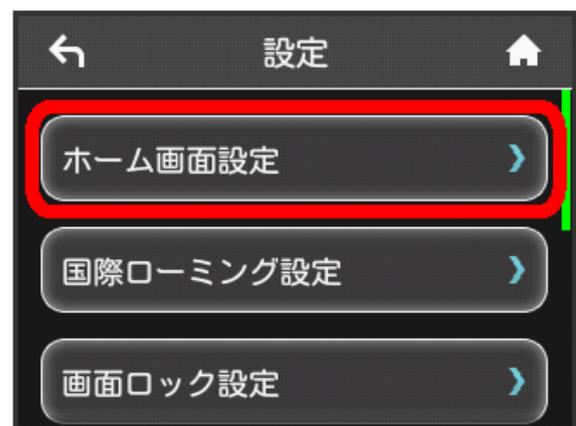
1

設定



2

ホーム画面設定



3

Tap icon to switch



Selected icon is framed in blue.

4

Tap icon to switch to



Selected icon is replaced.

5



Home screen with icons replaced appears.

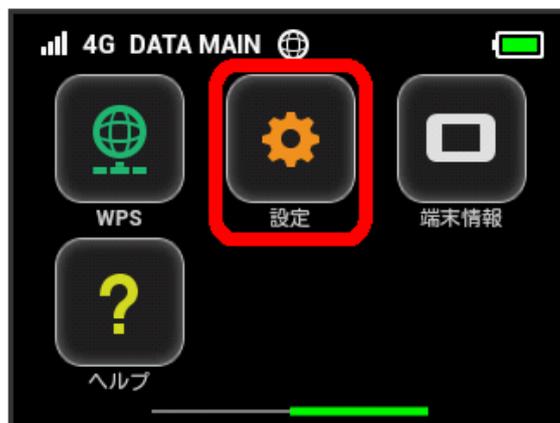
To reset Home screen to the default, Tap **ホーム画面設定をリセット** → はい .

International Roaming

Enable auto-International roaming connection.

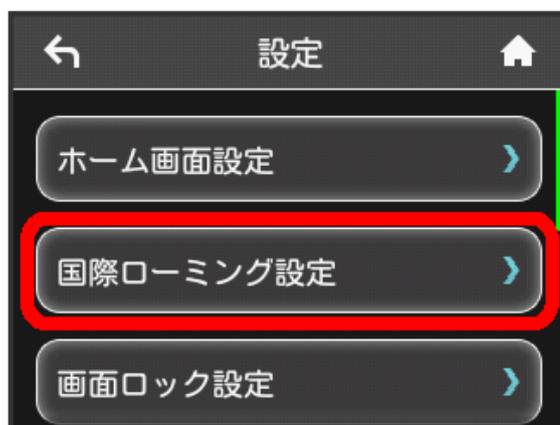
1

設定



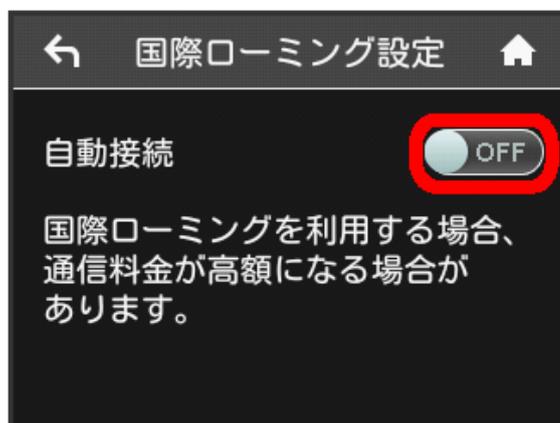
2

国際ローミング設定



3

In "自動接続", OFF



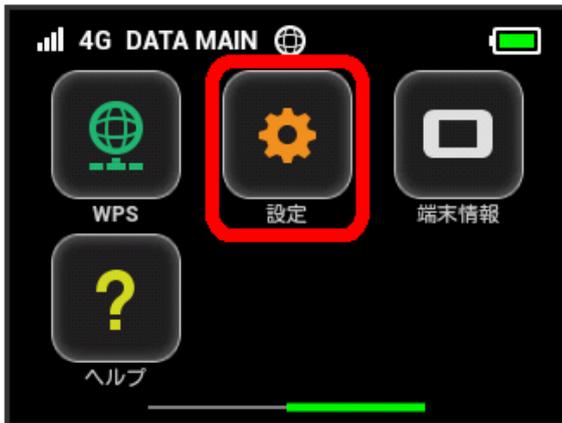
OFF is turned to ON . International roaming is available.

Screen Lock

Set Pass code entry for canceling Screen Lock.

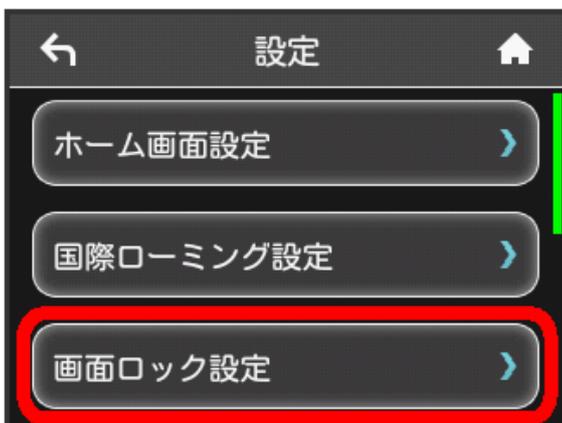
1

設定



2

画面ロック設定



3

In "パスコードロック", OFF



OFF is turned to ON.

4

Enter four-digit Pass code →



5

Re-enter four-digit Pass code →



Unlocking Pass code is set.

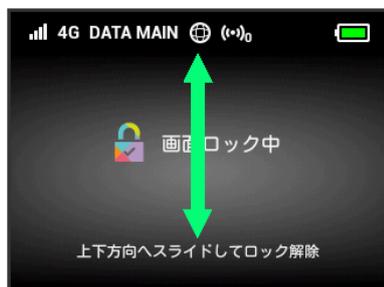
· When unlocking screen, Pass code entry screen appears. For unlocking screen by entering Pass code, see "[Entering Pass Code to Unlock Screen](#)."

· To change the set Pass code, in step 3, Tap and enter Pass code, then set a new Pass code.

Entering Pass Code to Unlock Screen

1

Slide screen up or down to unlock



2

Enter four-digit Pass code → OK



🚩 Screen is unlocked.

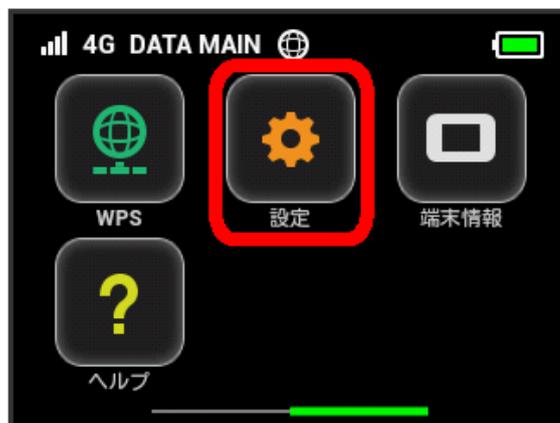
- If Pass code is incorrect, re-enter message appears.
- If you forget Pass code, reset Wi-Fi router to cancel Screen Lock by Pass code. To reset Wi-Fi router, see "[Wi-Fi Router](#)" or "[Resetting Wi-Fi Router.](#)" By resetting, Wi-Fi router returns to the default state not only with Screen Lock by Pass code but with all settings.

Changing Screen Brightness

Set screen brightness.

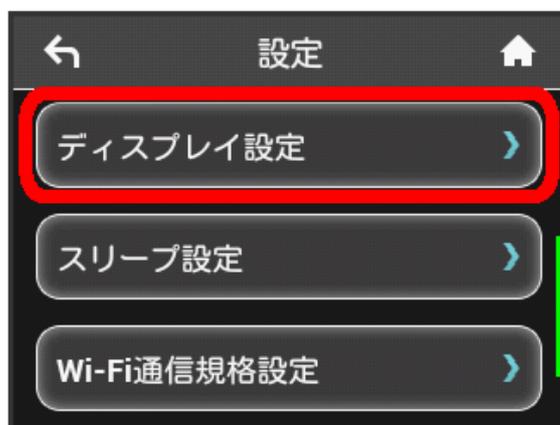
1

設定



2

ディスプレイ設定



3

Tap brightness bar



🚩 Screen backlight is changed to the set brightness.

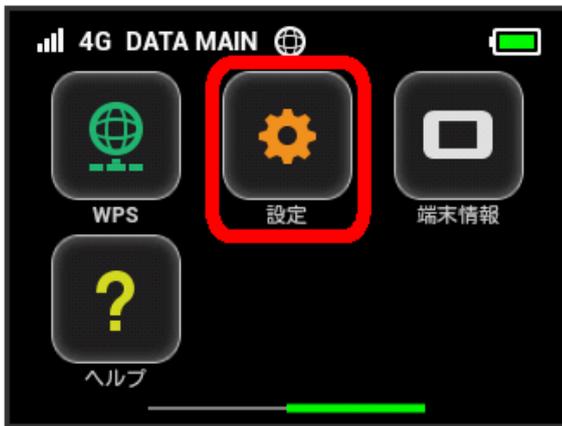
- Brightness can be set in five levels.

Changing Backlight Time

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

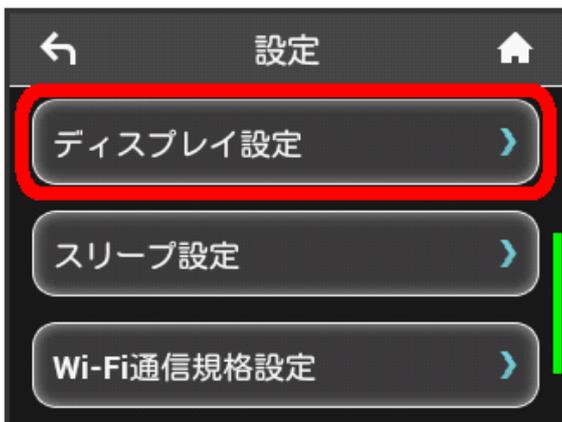
1

設定



2

ディスプレイ設定



3

バックライトの点灯時間



4

Tap checkmark for desired seconds



Screen settings are changed according to set backlight 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. One minute is set by default.

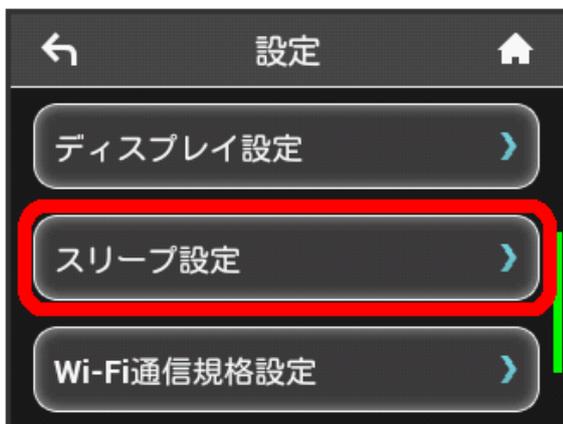
1

設定



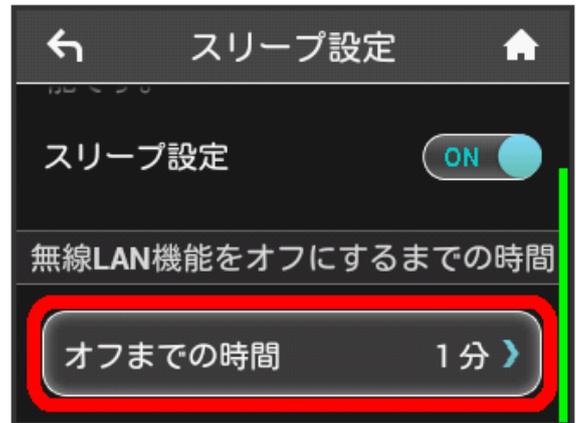
2

スリープ設定



3

オフまでの時間



Without スリープ設定 use, Tap ON to turn to OFF.

4

Tap checkmark for desired minutes



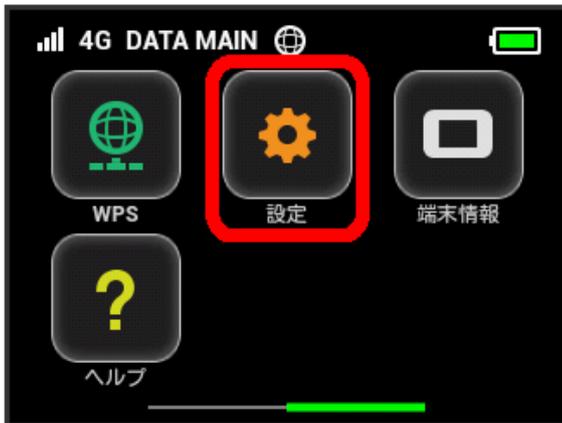
Wi-Fi router goes into Sleep mode at set time.

Software Update

Update software.

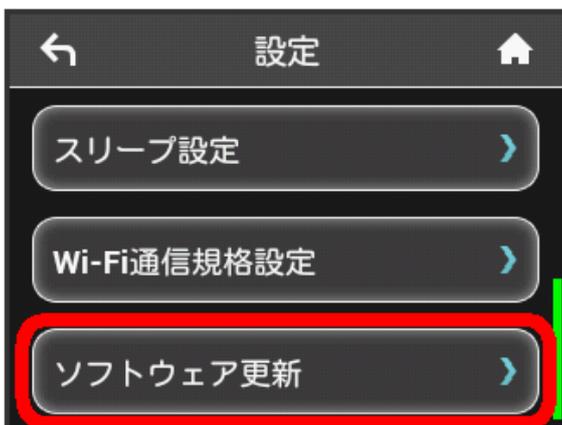
1

設定



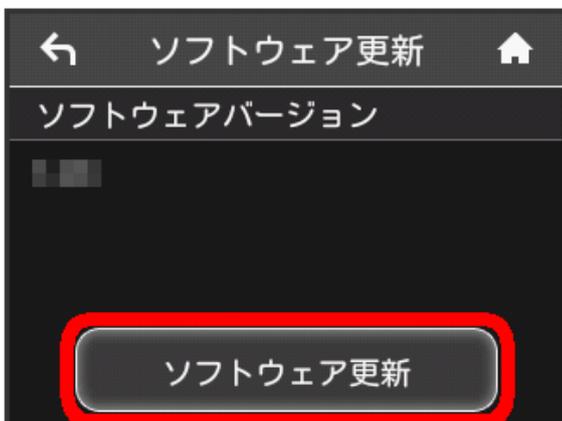
2

ソフトウェア更新



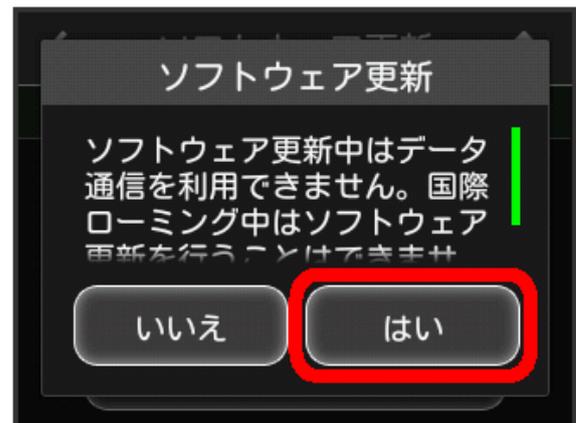
3

ソフトウェア更新



4

Confirm message and はい



Check the latest software. If software update is found, update software.

When software in use is the latest, "お使いのソフトウェアは最新版です。" appears.

💡 Software Update

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

Checking Wi-Fi Router Information

Check Wi-Fi router status such as URL for WEB UI, phone number, software version, etc.

Checking Wi-Fi Router Information

1

端末情報



2

Check Wi-Fi router information



☑ Check information as follows.

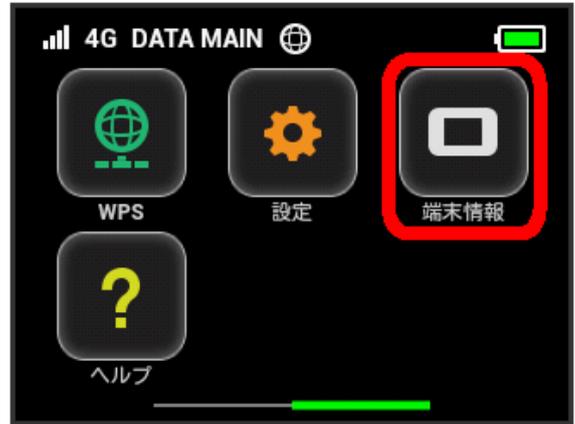
Item	Description
WEB UI URL	URL for accessing WEB UI
電話番号	Phone number saved to USIM Card
IMEI	Serial number
ソフトウェアバージョン	Software version
機種名	Product name (301HW)

Checking Certification

Wi-Fi router is certified according to various standards.

1

端末情報



2

認証



3

Check certification



☑ Wi-Fi router's certification is shown.

Checking Help

Check description for status icons or Touch Menu icons appeared in the top of window.

Viewing Description for Status Icons

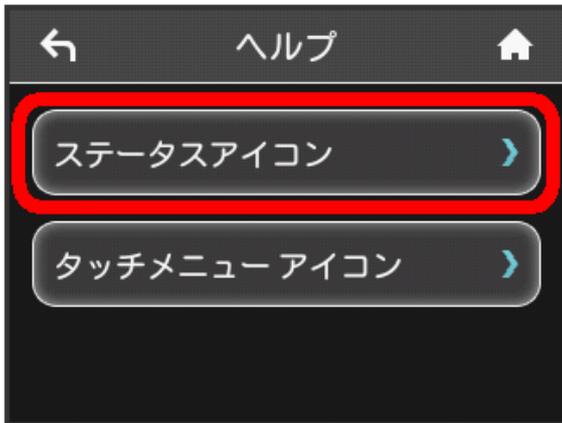
1

ヘルプ



2

ステータスアイコン



🚩 Description for Status icons appears.

Viewing Description for Touch Menu Icons

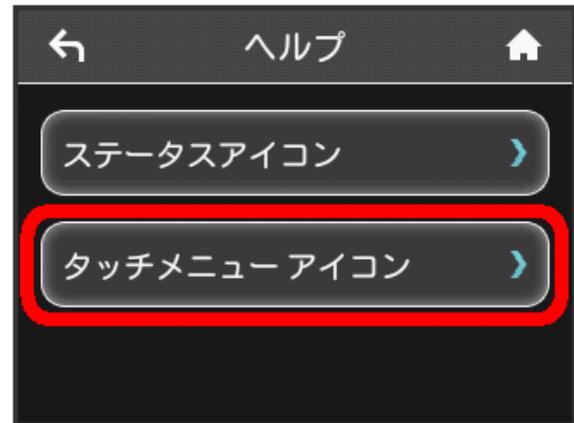
1

ヘルプ



2

タッチメニューアイコン



🚩 Description for Touch Menu icons appears.

Settings (WEB UI)

Overview of WEB UI.....	86
WEB UI Window on PC.....	88
Quick Setup.....	90
Setting Mobile Network.....	92
Setting Internet Wi-Fi.....	102
Setting LAN Wi-Fi.....	108
Router Setting.....	121
System.....	139
Showing/Setting Data Usage.....	144
Checking Information.....	150
Setting Software Update.....	152
Setting from Mobile Device.....	154

Overview of WEB UI

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

For web browser support, see "[Operating Environment \(Compatible Operating Systems\)](#)."

Activating WEB UI on PC

Screen shots and steps described here are for computer (Windows 8) compatible with WEB UI.

1

Start computer and connect Wi-Fi router via WLAN or USB Cable

- For WLAN connection with PC, see "[WLAN \(Wi-Fi\)](#)", and for USB connection, see "[USB Connection with Windows PC](#)", "[USB Connection with Mac](#)."

2

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

 WEB UI Home Page appears.

- Select English from Language list.

3

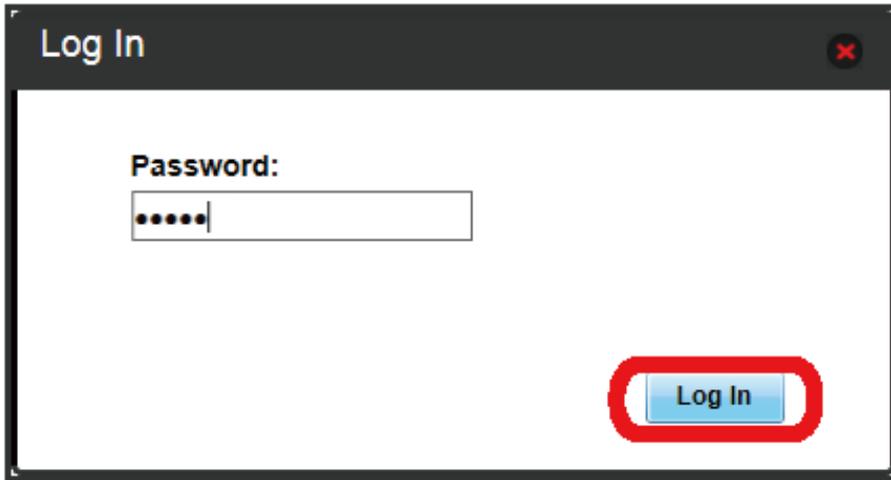
In Main Menu of WEB UI Home Page, [Log In](#)



 Login window opens.

- Alternatively, Click Main Menu item ([Settings](#) / [Data Traffic](#) / [Information](#) / [Software Update](#)).

4

Enter Login password → [Log In](#)

🚩 "Log In" in the top right window changes to "Log Out." Login is complete. For login from Main Menu item ([Settings](#) / [Data Traffic](#) / [Information](#) / [Software Update](#)), clicked item page appears.

- 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 into WEB UI

Please note the followings for WEB UI login.

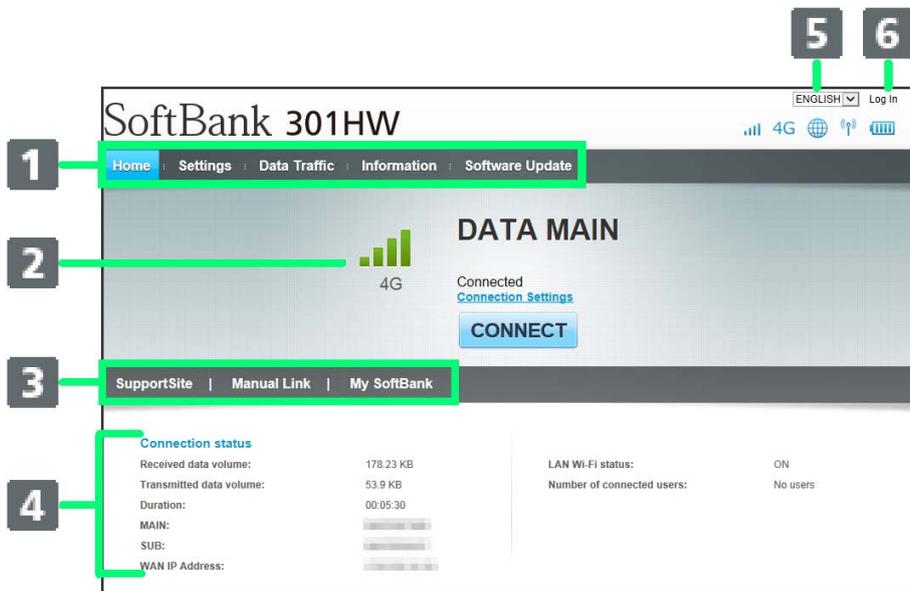
- While operating Display on Wi-Fi router, Login to WEB UI is not available. Press Power Button and turn off Display or Lock Screen. Then log in to WEB UI.
- Login to WEB UI from two or more devices simultaneously is not available.
- Connecting to WEB UI is not available from SSID B.
- When five minutes passes with no operation on WEB UI, you are logged out automatically, and entered information is deleted.

Changing Settings via WLAN Connection

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

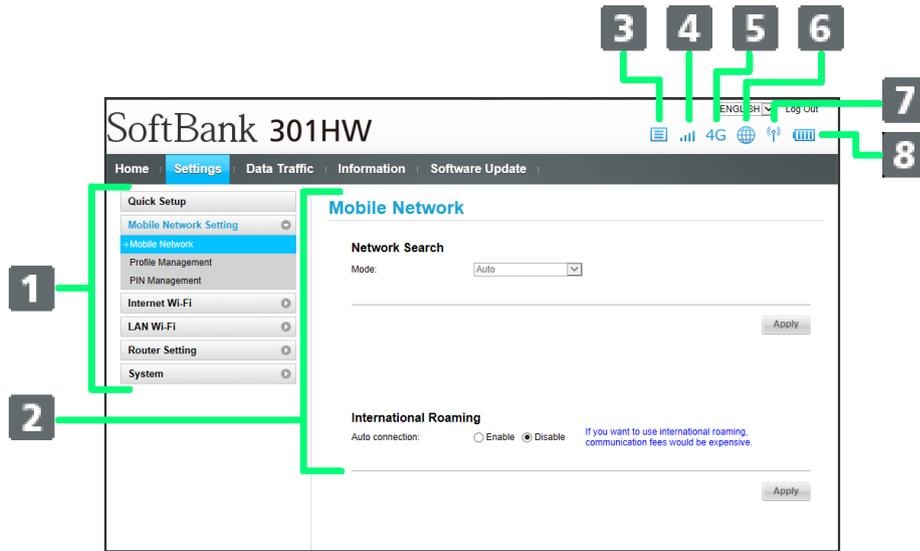
WEB UI Window on PC

Layout



Item	Description
1 Main Menu	Toggle setting menu
2 Connection Network	Show connected network details and signal level
3 SupportSite/Manual Link/My SoftBank	Open SoftBank Mobile web page
4 Connection Status	Show Internet/WLAN connection status
5 Language	Switch language
6 Log In/Log Out	Log in/out to/from 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 Software Update Notification	: Appears when available update file is detected
4 Signal Strength	Mobile Network (Strong) ↔ (Weak) ↔ (Out of Service Area) Internet Wi-Fi (Strong) ↔ (Weak)
5 Network Type	Mobile Network 4G : SoftBank 4G connected LTE : SoftBank LTE connected 3G : SoftBank 3G connected (Including ULTRA SPEED) Internet Wi-Fi : Internet Wi-Fi connected (Including SoftBank Wi-Fi Spot)
6 Internet Connection Status	: Connected to Internet : Not connected to Internet
7 WLAN status	: WLAN is ON : WLAN is OFF
8 Battery Level	(High) ⇒ (Low) (Flashing): Nearly empty (Charge Battery)

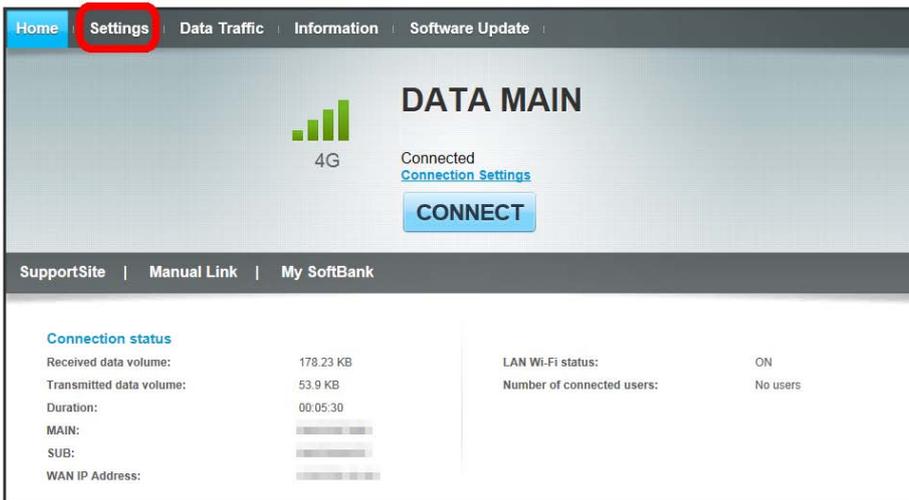
Quick Setup

Clicking **Settings** in WEB UI Main Menu opens Quick Setup Wizard. Set basic items such as SSID, authorization, Security Key for connecting WLAN device. Settings can be changed later.

Quick Setup

1

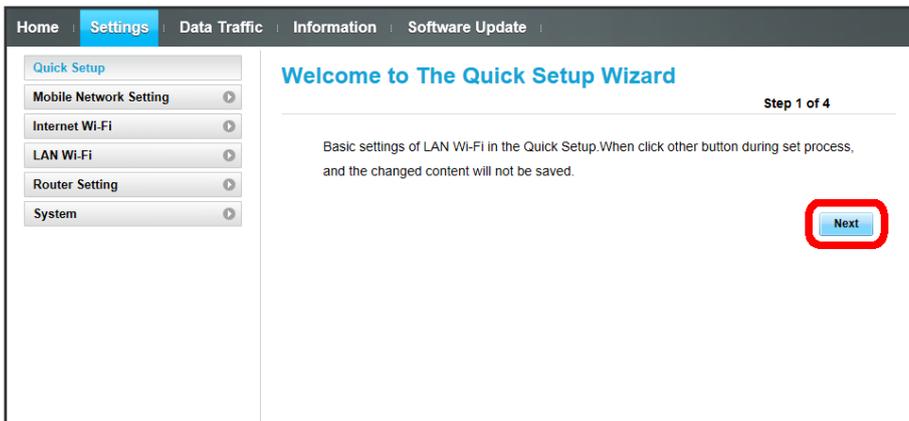
In Main Menu, **Settings**



Quick Setup Wizard appears.

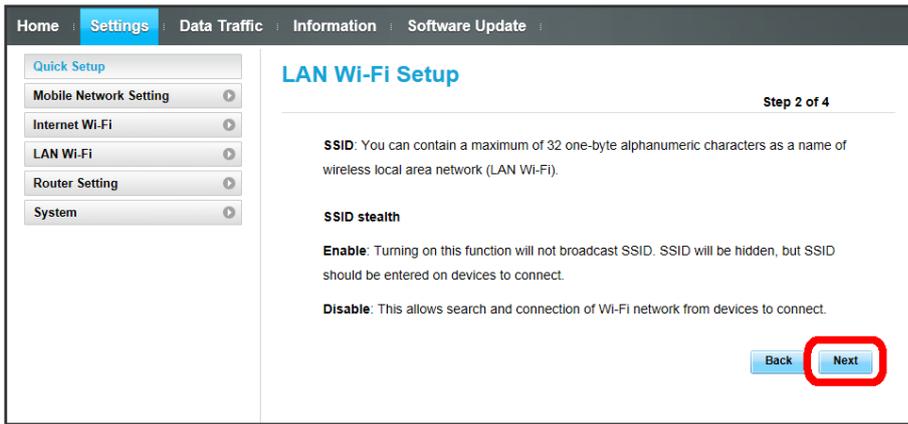
2

Next



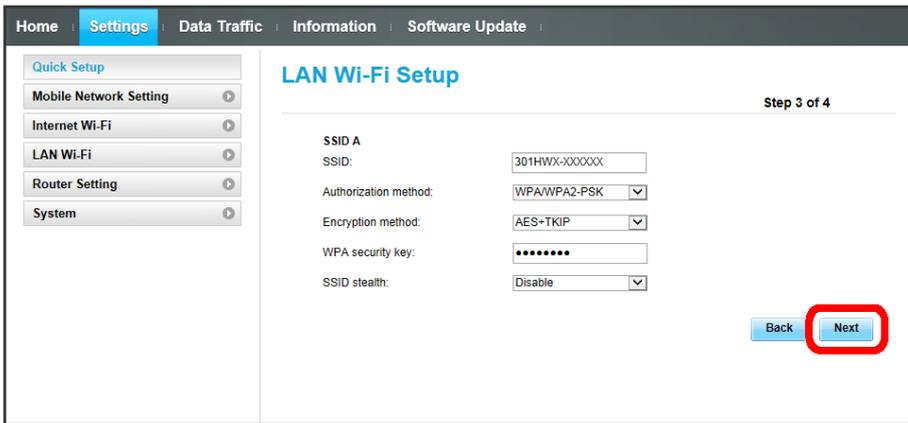
3

Confirm description for SSID and SSID Stealth in LAN Wi-Fi setting, [Next](#)



4

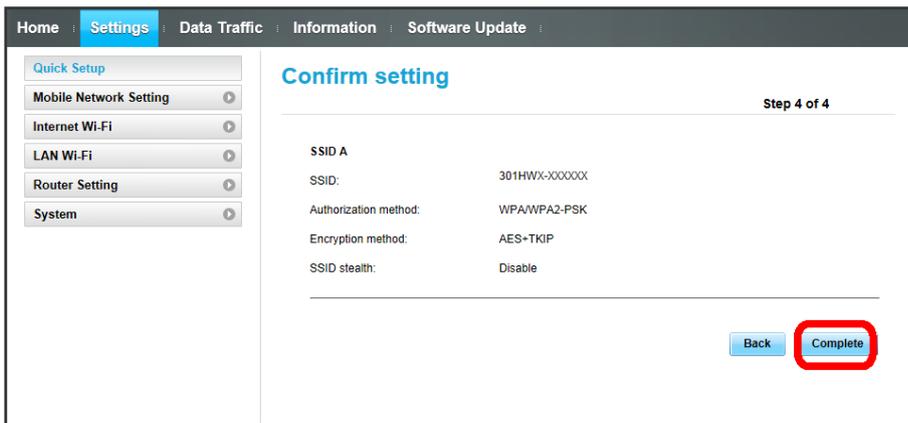
Configure LAN Wi-Fi, [Next](#)



· For setting items and operations, see "Setting LAN Wi-Fi."

5

Check network configuration, [Complete](#)



Settings such as SSID, authorization, Security Key are complete. Home screen appears.

Setting Mobile Network

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

Mobile Network

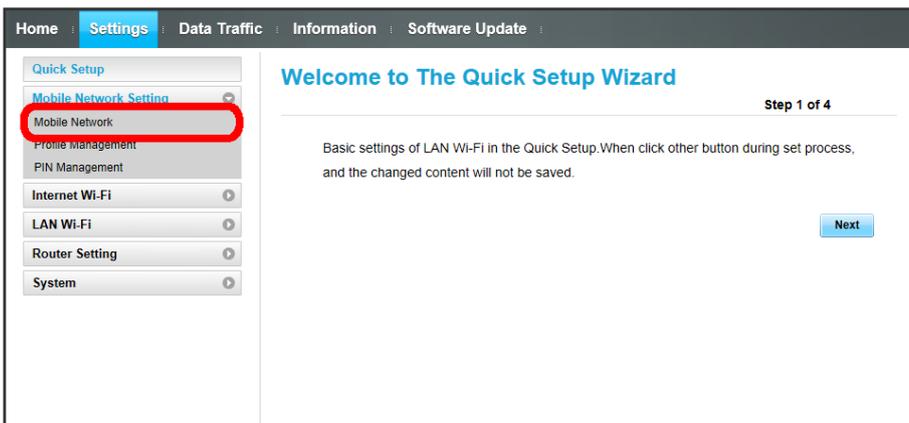
In Japan, always use auto-mode. Settings cannot be changed.

International Roaming

Overseas, roaming service for 3G is available.

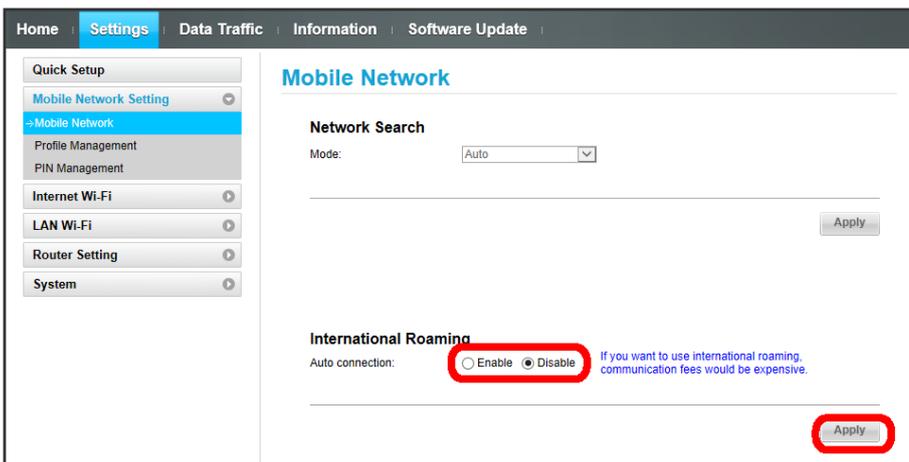
1

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



2

Change International roaming → **Apply**



🇯🇵 International roaming setting is changed.

Creating Profile

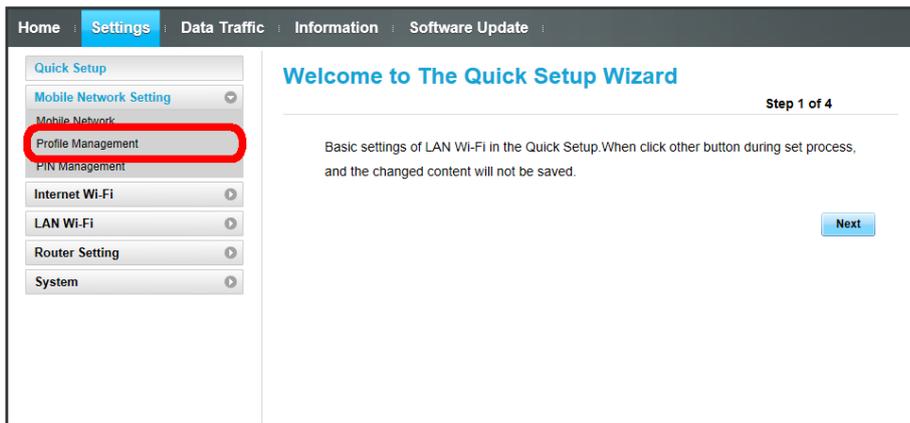
Set the following items and create profile.

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

· For setting value, see "WEB UI Settings (Setting Range/Default Value) ."

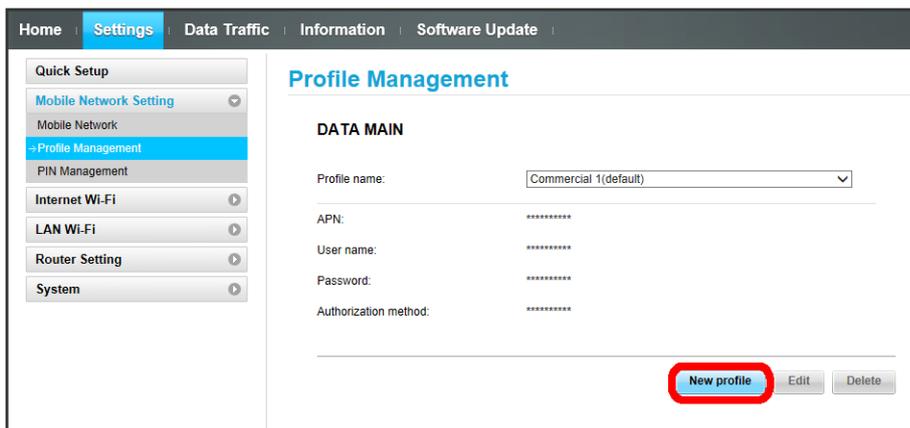
1

In Menu List, Mobile Network Setting → Profile Management



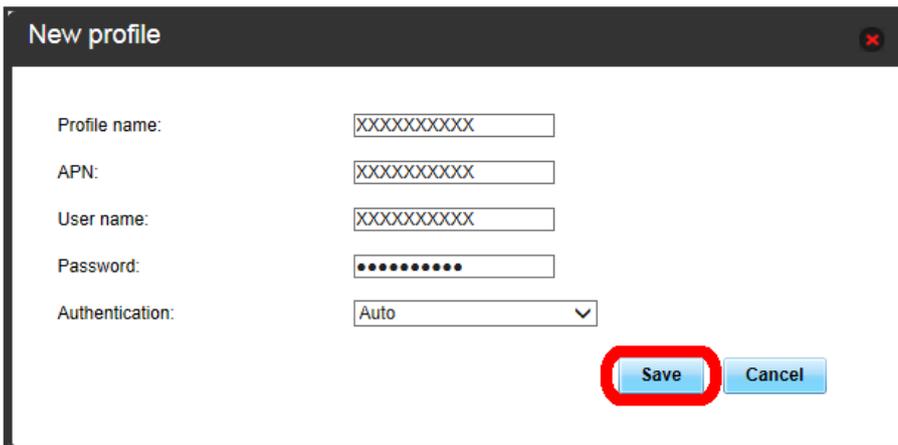
2

New profile



3

Set each item → Save



The image shows a 'New profile' dialog box with the following fields and controls:

- Profile name:
- APN:
- User name:
- Password:
- Authentication: (dropdown menu)
- Buttons: (highlighted with a red circle) and

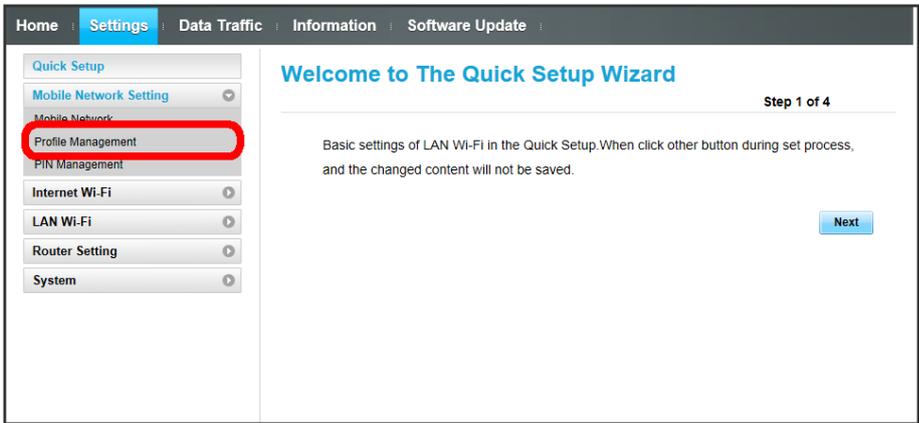
🚩 Created profile appears for profile name.

Editing Profile

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

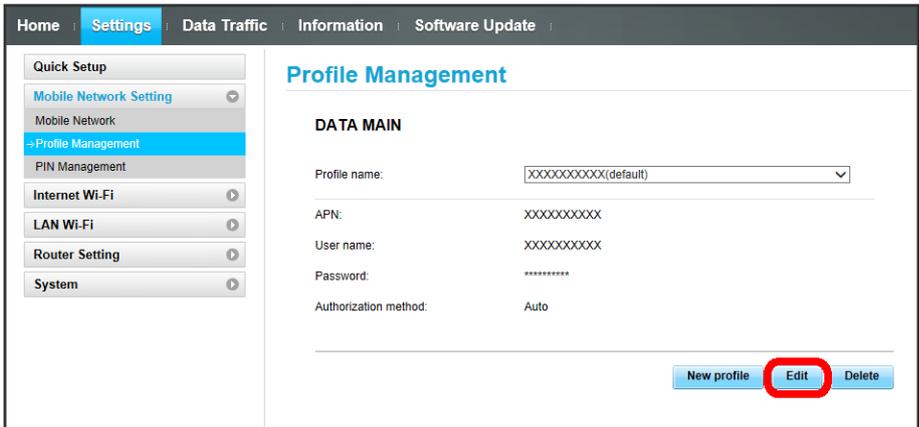
1

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



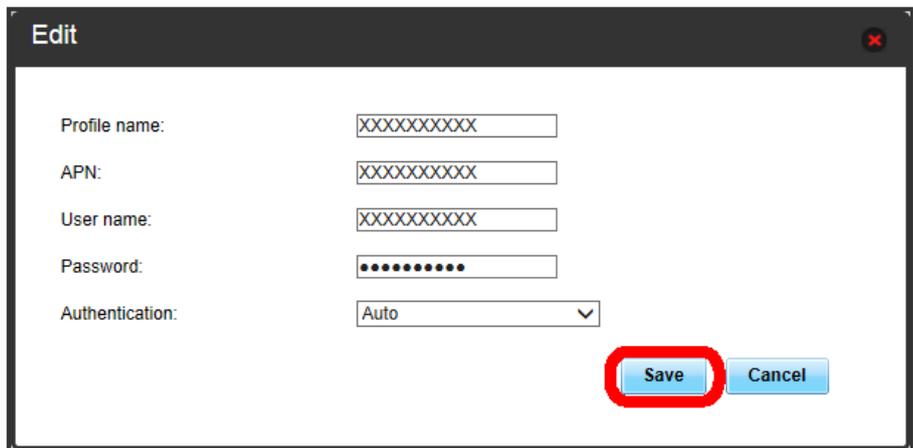
2

Select profile name → [Edit](#)



3

Enter each item → [Save](#)



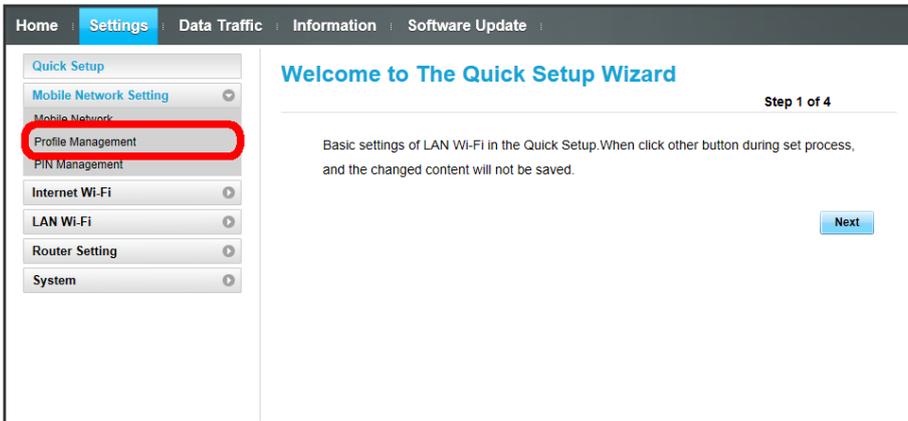
 Edited information appears.

Deleting Profile

Delete created profiles.
Preset profiles cannot be deleted.

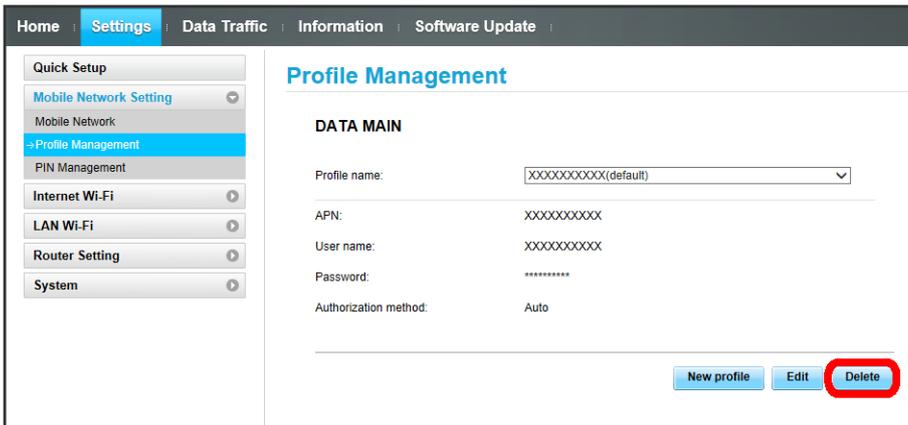
1

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



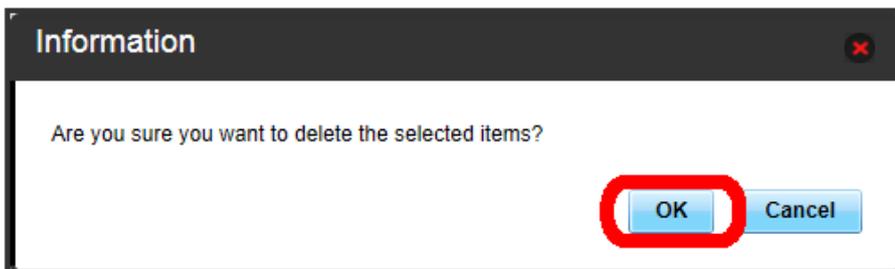
2

Select profile name → **Delete**



3

OK



Profile is deleted.

USIM PIN

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

- Enable PIN verification 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 three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact [SoftBank Customer Support](#), 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 [SoftBank Customer Support](#), General Information.

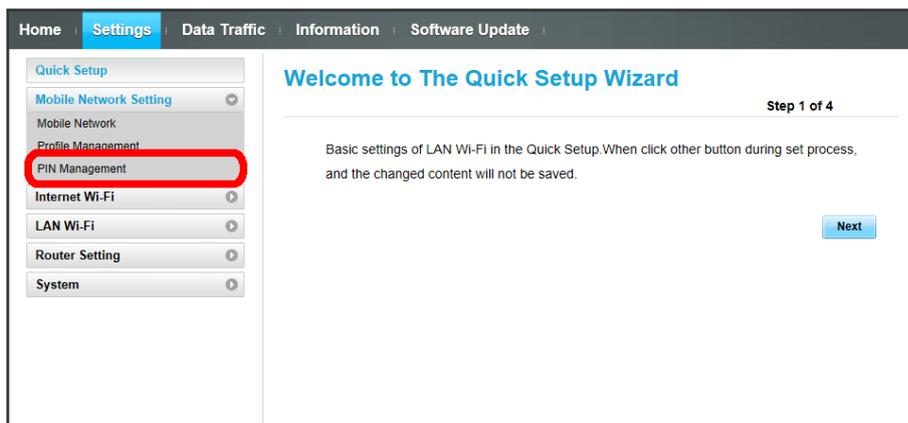
PIN Verification

Set PIN Verification.

USIM PIN is set to "9999" by default.

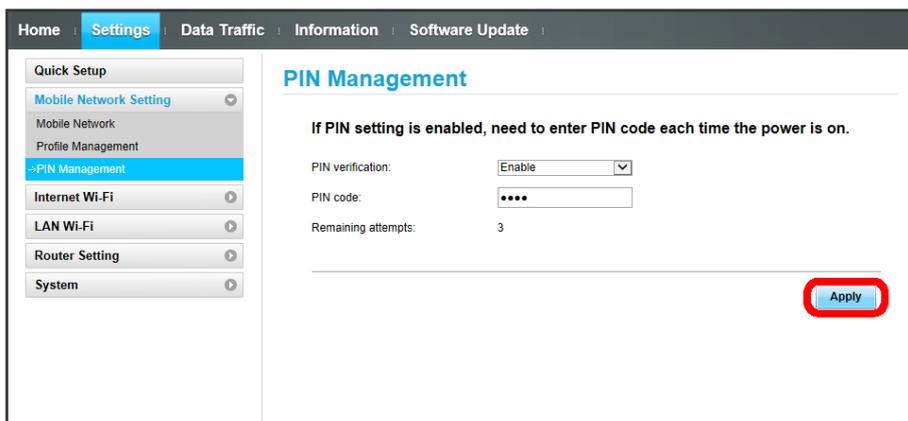
1

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



2

Set "PIN verification" to [Enable](#) → Enter PIN code → [Apply](#)



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

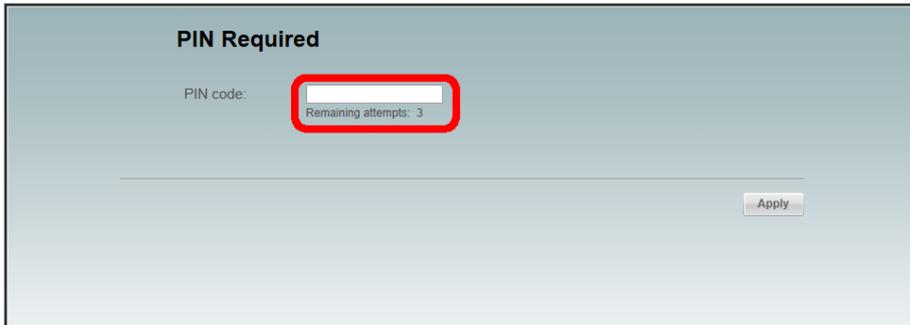
PIN Verification (WEB UI)

1

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

2

Enter four- to eight-digit Pass code



PIN Required

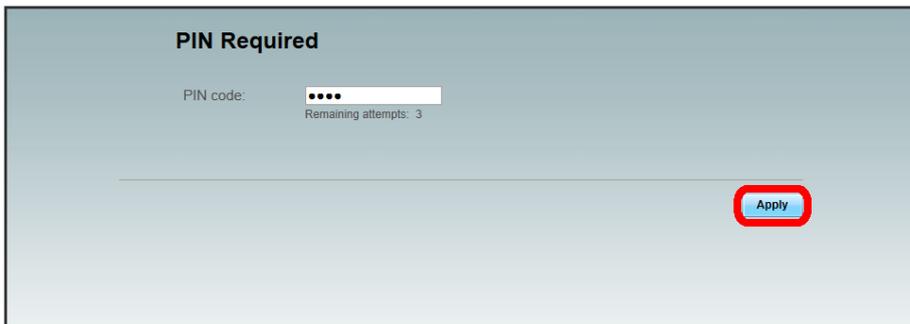
PIN code:

Remaining attempts: 3

Apply

3

Apply



PIN Required

PIN code:

Remaining attempts: 3

Apply

🚩 When correct PIN is entered, Home page appears.

PIN Verification (Wi-Fi Router)

1

Slide screen up or down to unlock



2

Enter four- to eight-digit PIN → OK

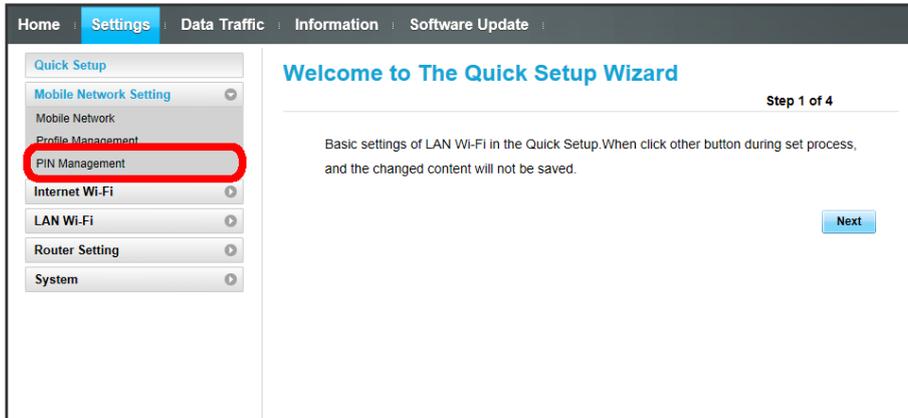
 When correct PIN is entered, Home screen appears.

Changing PIN

Change PIN. PIN can be changed when PIN verification is enabled.

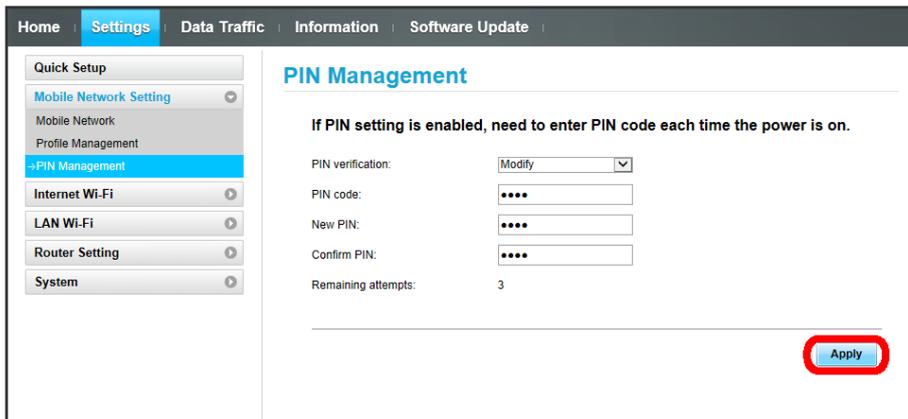
1

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



2

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



 PIN is modified.

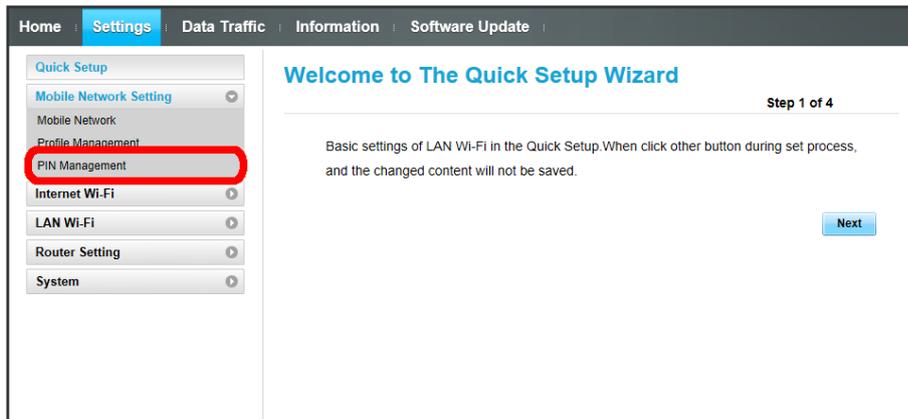
· For setting value for PIN, see "[WEB UI Settings \(Setting Range/Default Value\)](#) ."

Canceling PIN Verification

Disable PIN Verification.

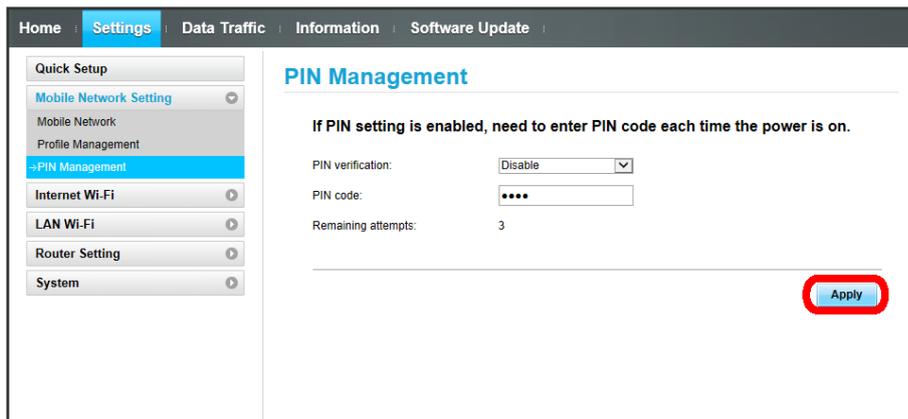
1

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



2

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



 PIN verification is canceled.

+ Setting Mobile Network While International Roaming

Scan mobile network manually to set while international roaming.

In Menu list, **Mobile Network Setting** → **Mobile Network** → In Network Search Mode, **Manual** → **Apply** → **Select network** → **OK**

 Mobile network is set.

! Precaution for Overseas Use

After moving from overseas to Japan, power off and restart.

Setting Internet Wi-Fi

Connect to the Internet via WLAN router at home or office or SoftBank Wi-Fi Spot etc. This Internet connection is described here as "Internet Wi-Fi."

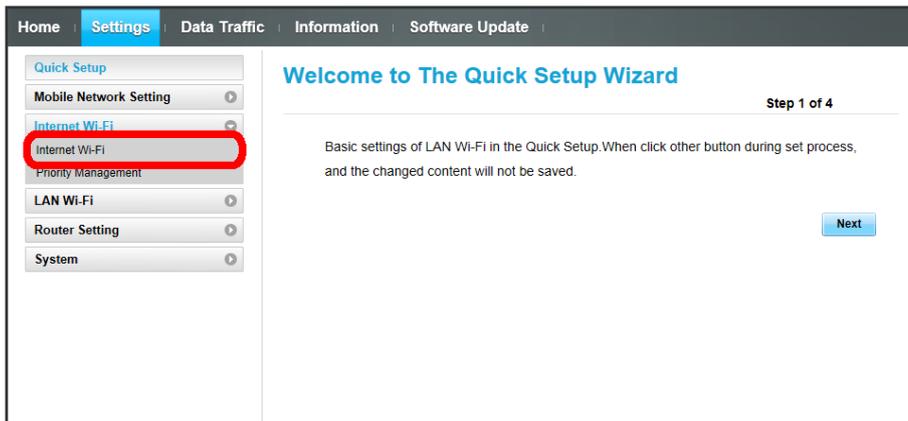
Simultaneous use of Internet Wi-Fi and Multi-SSID (SSID B) is not available.

Internet Wi-Fi Settings

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

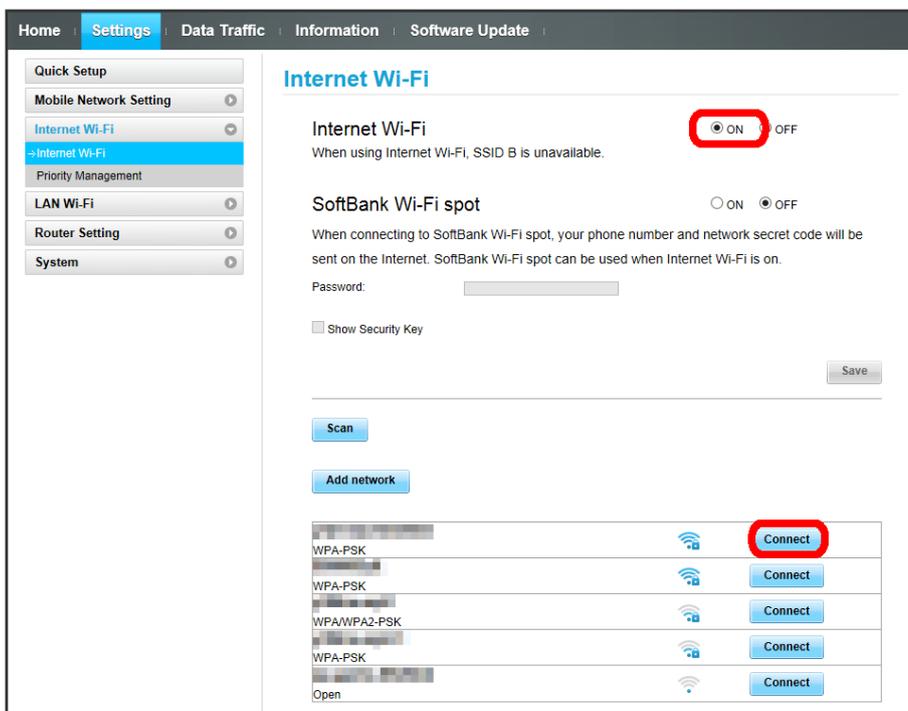
1

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



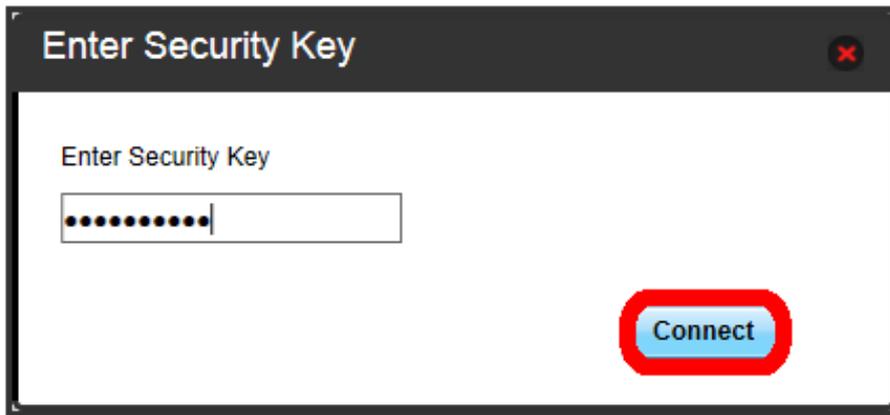
2

Turn "Internet Wi-Fi" to **ON** → Access point to connect, **Connect**



· Click **Scan** to re-scan surrounding Internet Wi-Fi access points.

3

Enter Security Key → [Connect](#)

🚩 Connection is established and "Connected" appears below selected access point SSID.

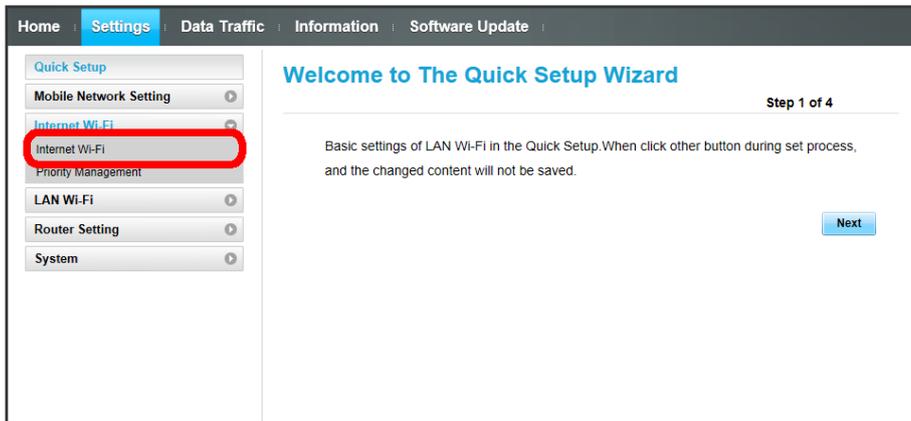
Setting Up SoftBank Wi-Fi Spot

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, **Internet Wi-Fi** → **Internet Wi-Fi**



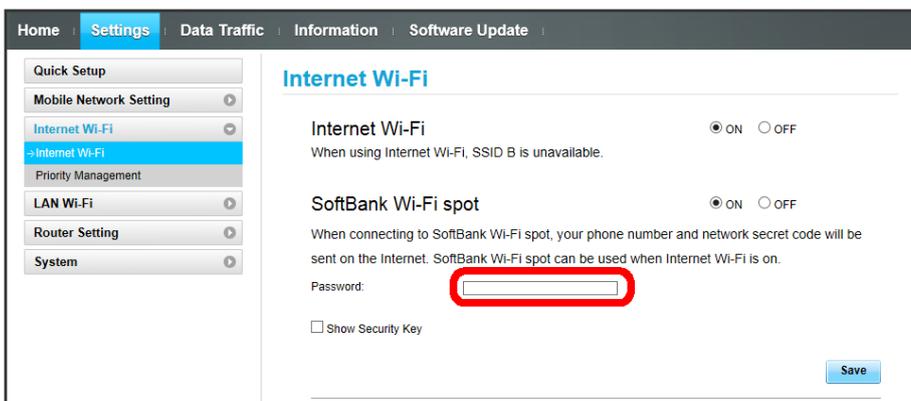
2

Confirm that "Internet Wi-Fi" is **ON** → Turn "SoftBank Wi-Fi spot" to **ON**



3

Enter SoftBank Wi-Fi spot password



Save



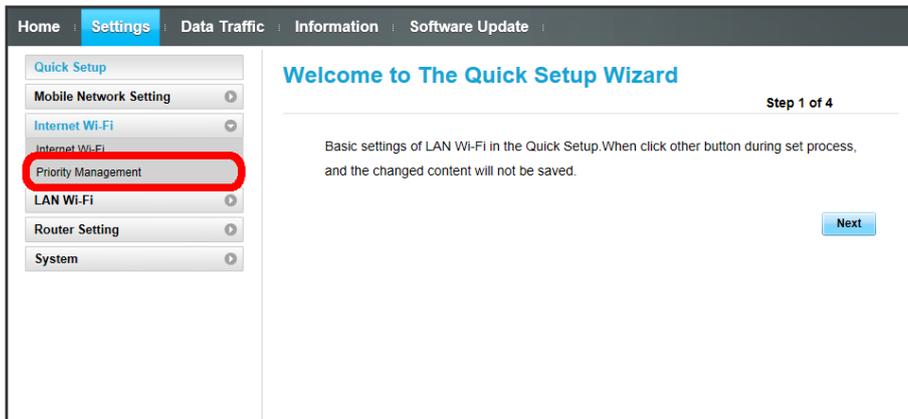
🚩 SoftBank Wi-Fi Spot setup is complete.

Preferred Access Point

Set a preference order to APN and set as preferred APN.

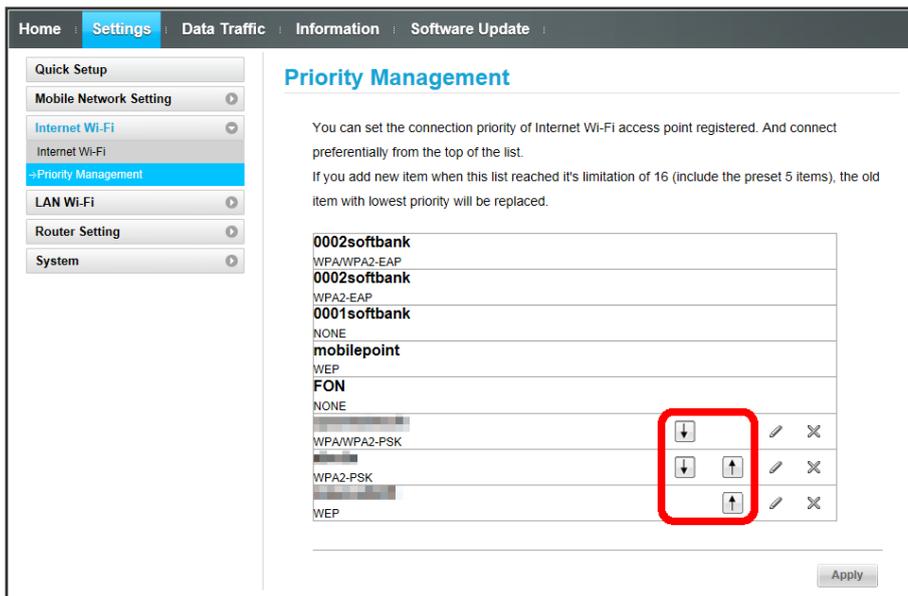
1

In Menu List, [Internet Wi-Fi](#) → [Priority Management](#)



2

Click  /  of access point



· Access point name moves up or down with each click.

Apply

The screenshot shows the 'Priority Management' settings page. The left sidebar contains a menu with options: Quick Setup, Mobile Network Setting, Internet Wi-Fi, Internet Wi-Fi, Priority Management (selected), LAN Wi-Fi, Router Setting, and System. The main content area is titled 'Priority Management' and contains the following text:

You can set the connection priority of Internet Wi-Fi access point registered. And connect preferentially from the top of the list.

If you add new item when this list reached its limitation of 16 (include the preset 5 items), the old item with lowest priority will be replaced.

The list of access points is as follows:

0002softbank	WPA/WPA2-EAP			
0002softbank	WPA2-EAP			
0001softbank	NONE			
mobilepoint	WEP			
FON	NONE			
[blacked out]	WPA2-PSK	↓	↻	✕
[blacked out]	WEP	↓	↑	↻
[blacked out]	WPA/WPA2-PSK	↑	↻	✕

An 'Apply' button is located at the bottom right of the page, circled in red.

Preference order is set.

- To edit access point, Click → Edit set content → Save .
- To delete access point, Click → Apply .

Pre-set Access Points

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

Connecting to a New Network via Internet Wi-Fi

In Menu list, Internet Wi-Fi → Internet Wi-Fi → Add network → Enter SSID → Select authentication → Enter Security Key → Save

Wi-Fi router connects to the entered SSID device.

Note on Changing Internet Wi-Fi Settings

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

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 can access Internet using Internet Wi-Fi function of Wi-Fi router.

LAN Wi-Fi Basic Settings (SSID A)

Make basic WLAN settings for SSID A.

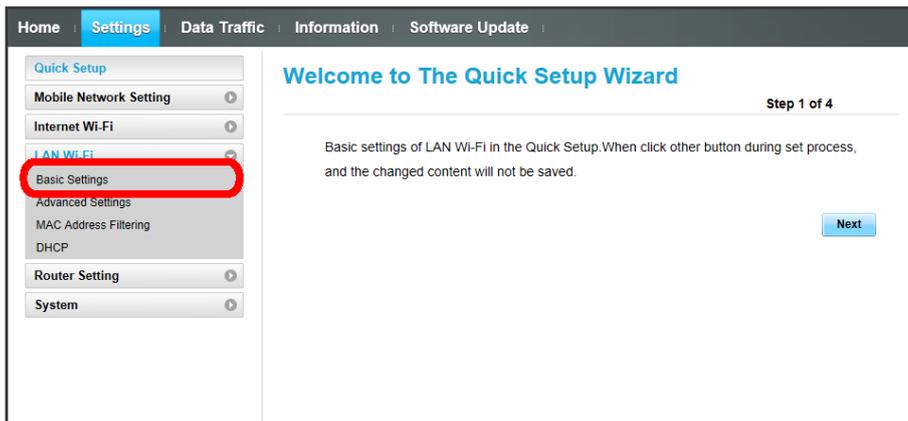
Setting items are as follows:

Item	Description
Show SSID and security key on LCD	Checkmark to show SSID and Security Key when "SSID" in Touch Menu is tapped
SSID	Set SSID (Network Name)
Authorization method	Set authorization method
Encryption method	Set encryption method
WPA security key	Appears when "WPA-PSK," "WPA2-PSK," or "WPA/WPA2-PSK" is selected in "Authorization method." Enter 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 SSID A
SSID stealth	Set whether to send Wi-Fi router SSID

· For setting values for SSID or Security Key, see "[WEB UI Settings \(Setting Range/Default Value\)](#)."

1

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



2

Set each item → Apply

The screenshot shows the 'Basic Settings' page for SSID A in a router's web interface. The left sidebar contains a menu with options: Quick Setup, Mobile Network Setting, Internet Wi-Fi, LAN Wi-Fi, Basic Settings (selected), Advanced Settings, MAC Address Filtering, DHCP, Router Setting, and System. The main content area is titled 'Basic Settings' and contains the following information:

- WPS cannot be used if Encryption mode is set to NONE or WEP.
- If Encryption mode is set to WEP or TKIP, a wireless network adapter working in 802.11n only mode may fail to access the Mobile Wi-Fi.
- When using device which is connecting to Wi-Fi router by Wi-Fi to configure Wi-Fi related setting, device Wi-Fi might be disconnected from Wi-Fi router. To re-connected, device have to re-connected to Wi-Fi router again.
- Show SSID and security key on LCD
- SSID A**
- SSID: 301HWX-XXXXXX
- Authorization method: WPA/WPA2-PSK
- Encryption method: AES+TKIP
- WPA security key: [Empty field]
- Privacy Separator: OFF
- SSID stealth: Enable Disable
- SSID B**
- ON OFF SSID B can not access Web UI.
- Show password

The 'Apply' button at the bottom right is circled in red.

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

Enabling Multi-SSID Function (SSID B)

Make basic WLAN settings for SSID B.

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

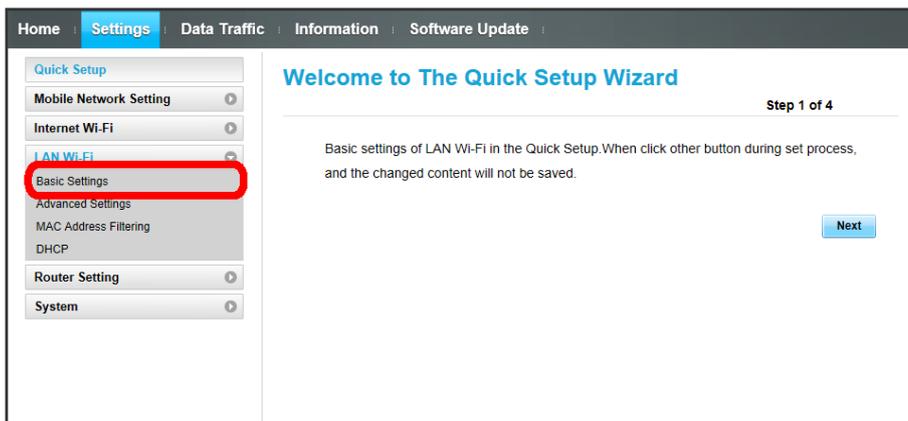
Setting items are as follows:

Item	Description
SSID	Set SSID (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 SSID B
SSID stealth	Set whether to send Wi-Fi router SSID

- For setting values for SSID or Security Key, see "[WEB UI Settings \(Setting Range/Default Value\)](#)."

1

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



Turn "SSID B" to **ON**

The screenshot shows the 'Basic Settings' page for SSID B. The 'ON' radio button is selected and circled in red. The page includes a navigation menu on the left with options like 'Quick Setup', 'Mobile Network Setting', 'Internet Wi-Fi', 'LAN Wi-Fi', 'Basic Settings', 'Advanced Settings', 'MAC Address Filtering', 'DHCP', 'Router Setting', and 'System'. The main content area has a title 'Basic Settings' and several informational paragraphs. Below the text are two sections: 'SSID A' and 'SSID B'. The 'SSID B' section has the 'ON' radio button selected, and a blue link 'SSID B can not access Web UI.' is visible next to it. The 'Apply' button is at the bottom right.

Information screen appears when Internet Wi-Fi is enabled with "SSID B" **ON**. Tap **OK** to disable Internet Wi-Fi automatically.

Set each item →

Home
Settings
Data Traffic
Information
Software Update

- Quick Setup
- Mobile Network Setting
- Internet Wi-Fi
- LAN Wi-Fi
- Basic Settings
 - Advanced Settings
 - MAC Address Filtering
 - DHCP
- Router Setting
- System

Basic Settings

WPS cannot be used if Encryption mode is set to NONE or WEP.

If Encryption mode is set to WEP or TKIP, a wireless network adapter working in 802.11n only mode may fail to access the Mobile Wi-Fi.

When using device which is connecting to Wi-Fi router by Wi-Fi to configure Wi-Fi related setting, device Wi-Fi might be disconnected from Wi-Fi router. To re-connected, device have to re-connected to Wi-Fi router again.

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 SSID B can not access Web UI.

SSID:

Authorization method:

Encryption method:

WEP key 1:

WEP key 2:

WEP key 3:

WEP key 4:

Default Key:

Privacy Separator:

SSID stealth: Enable Disable

Show password

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

LAN Wi-Fi Advanced Settings

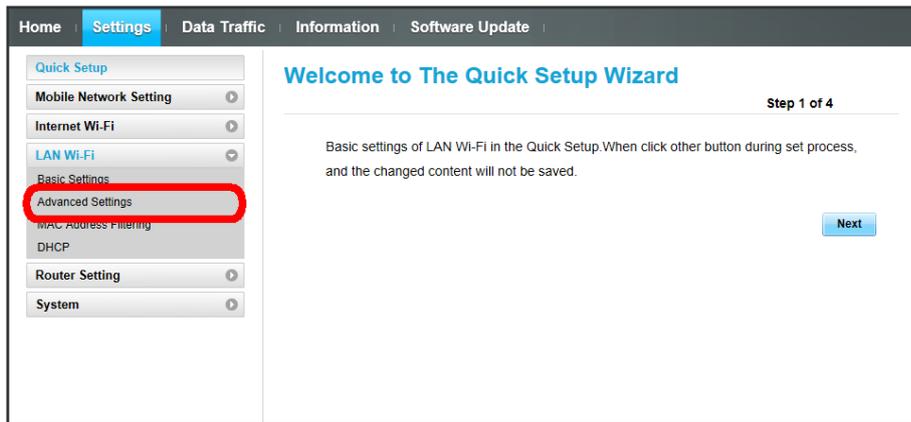
Setting items are as follows:

Item	Description
Country	Set country where you use WLAN
Channel	Set WLAN channel; Only Auto can be selected when Internet Wi-Fi is enabled
Communication standard	Set WLAN Communication standard
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 (except for while charging)
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 frequency band or 20 MHz or 40 MHz frequency band

· For setting value, see "WEB UI Settings (Setting Range/Default Value) ."

1

In Menu List, LAN Wi-Fi → Advanced Settings



Set each item →

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

When Wi-Fi is used abroad, the configuration must be changed according to a local law.

When using device which is connecting to Wi-Fi router by Wi-Fi to configure Wi-Fi related setting, device Wi-Fi might be disconnected from Wi-Fi router. To re-connected, device have to re-connected to Wi-Fi router again.

Country:

Channel: Internet Wi-Fi is available, channel setting can only be used auto mode.

Communication standard: The rule of Wi-Fi communication: when connect to device that only support IEEE802.11b, user need to set the mode as b/g/n. At this time, Wi-Fi 5GHz is disabled.

Multi-SSID AP isolation: For the devices separate connect SSID A and SSID B, please set enable/disable to communication between theirs.

Sleep Mode Settings: (Except during charging the device)

Sleep Mode Timer (Min):

Out of service Wi-Fi Automatic Disconnection:

Frequency bandwidth:

 LAN Wi-Fi advanced settings are made.

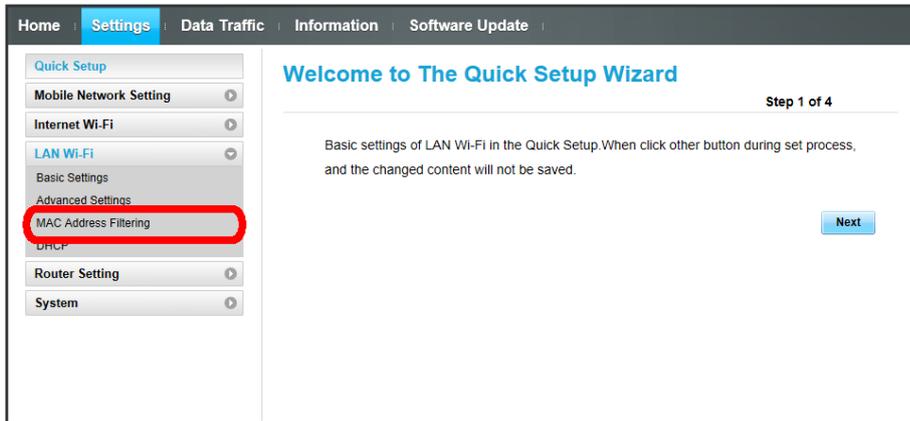
MAC Address Filtering

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

- When Multi-SSID (SSID B) is enabled, MAC Address Filtering can be set in SSID B.

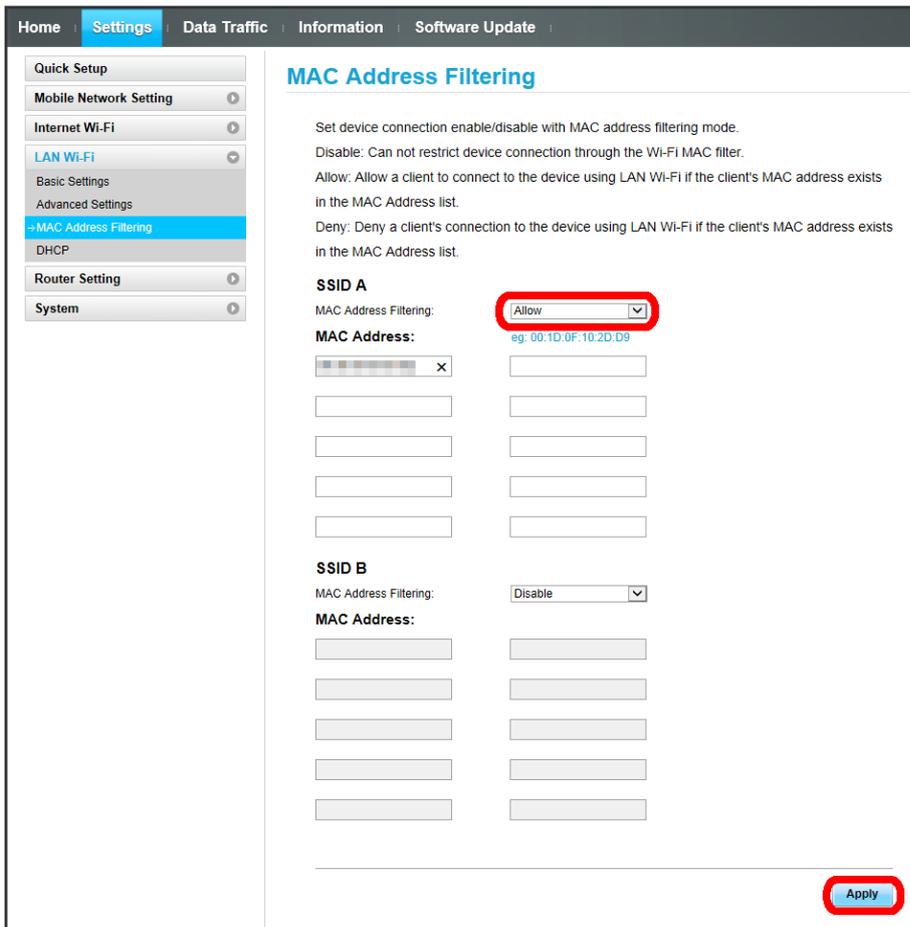
1

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

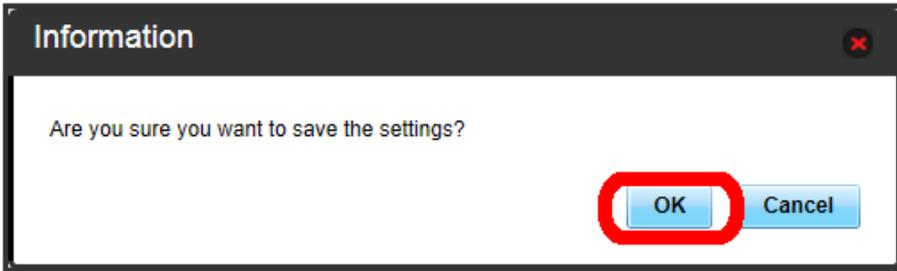


2

In "MAC Address Filtering", Allow / Deny → Enter MAC address → Apply



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



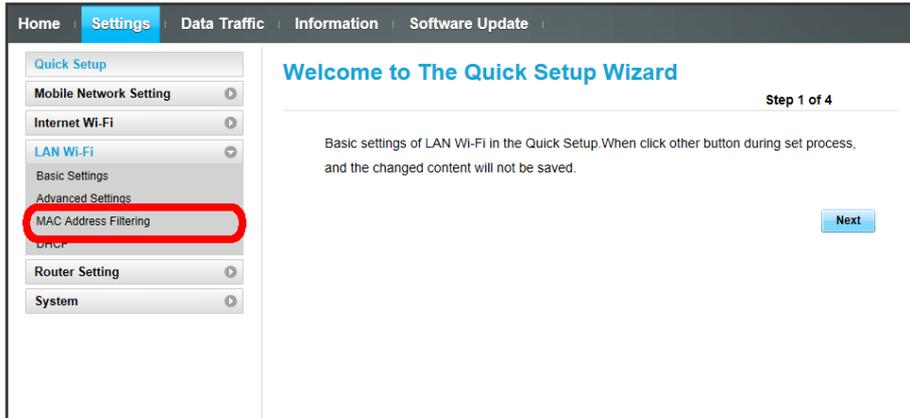
🚩 MAC Address Filtering is set.

Canceling MAC Address Filtering

Set MAC address is deleted and MAC Address Filtering is canceled.

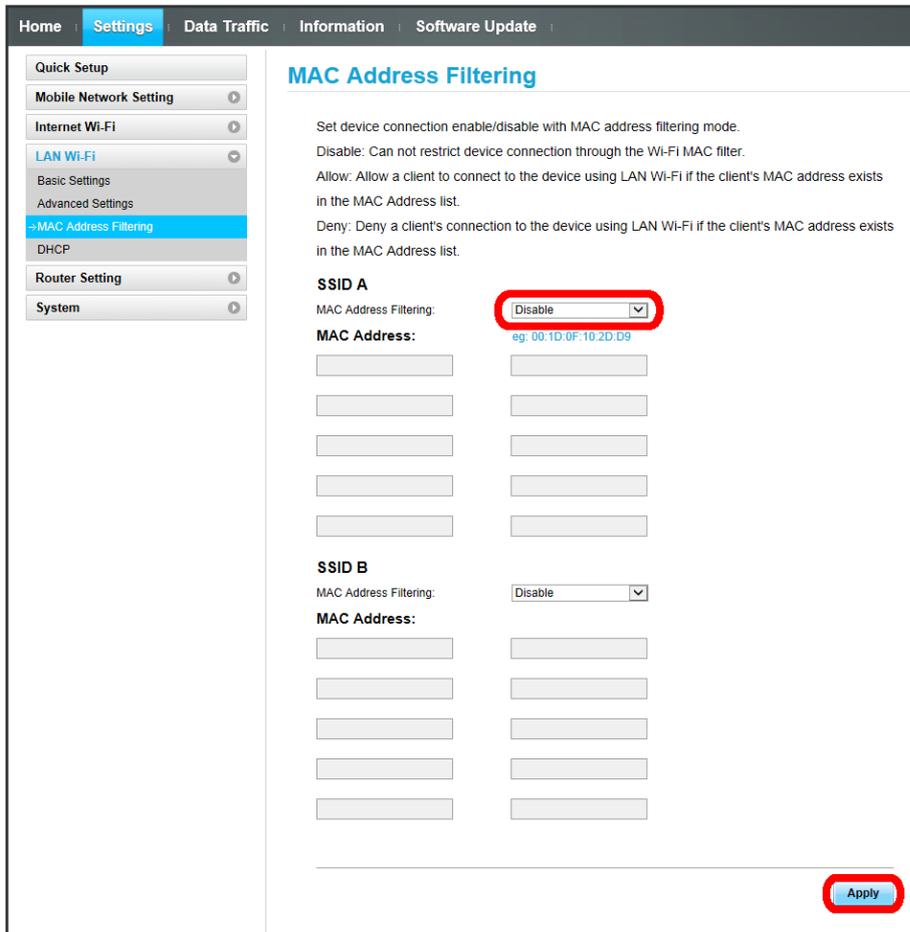
1

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



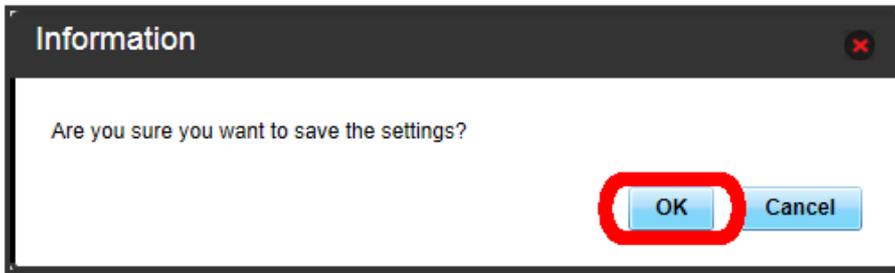
2

In Mac Address Filtering, Disable → Apply



3

OK



 MAC Address Filtering is canceled.

DHCP

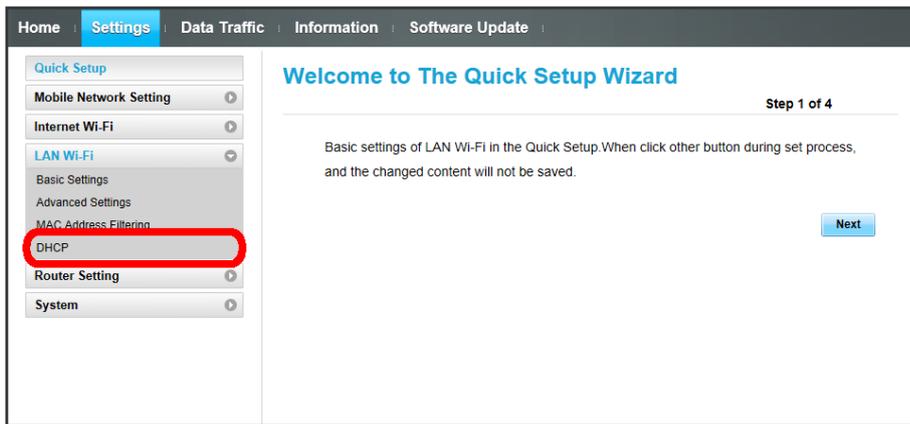
Assign IP addresses to devices inside LAN.
Setting items are as follows:

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

· For setting value, see "WEB UI Settings (Setting Range/Default Value) ."

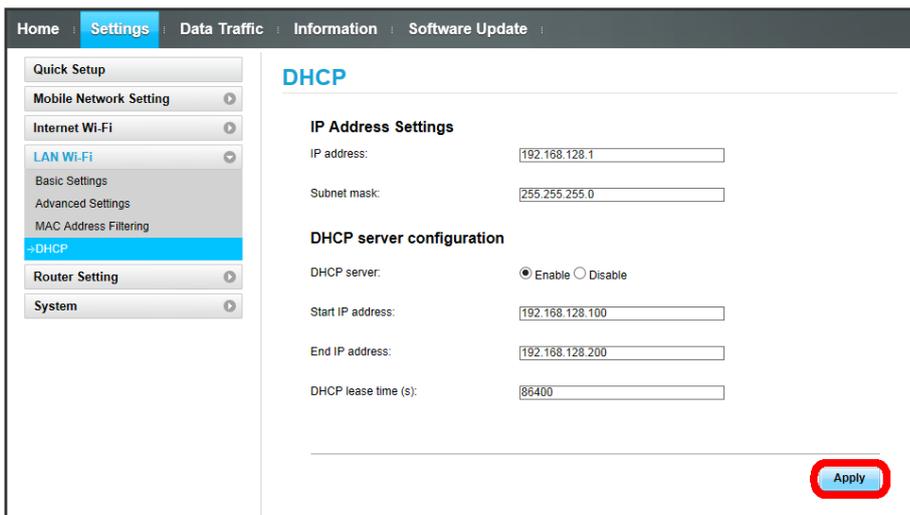
1

In Menu List, LAN Wi-Fi → DHCP



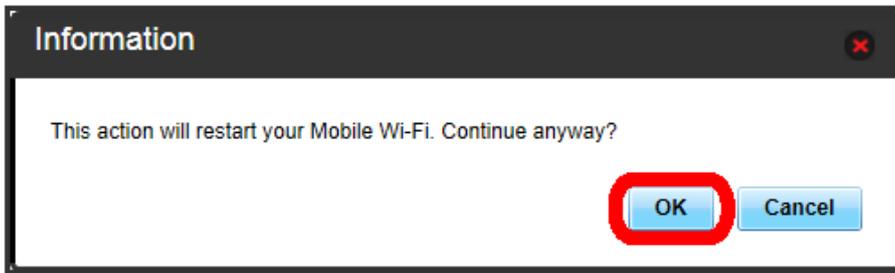
2

Set each item → Apply



3

OK



 Wi-Fi router is rebooted and DHCP is set.

Note on Changing LAN Wi-Fi Settings

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

Router Setting

Set router function such as Firewall and IP address filter

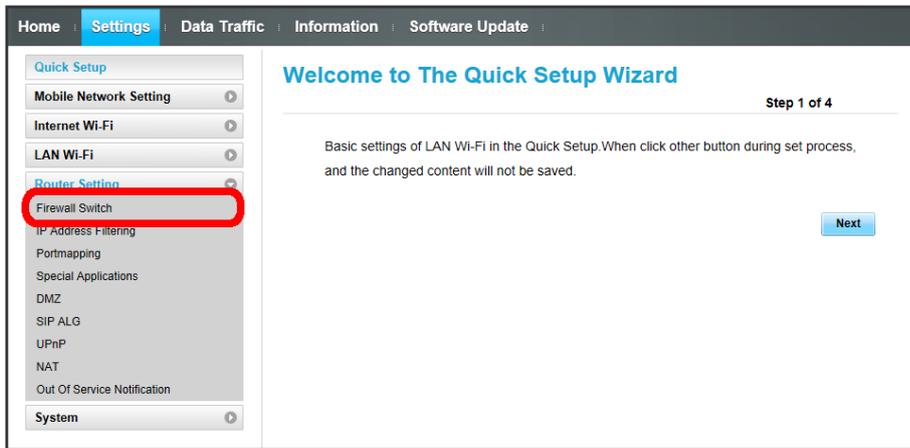
Firewall Switch

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 respond

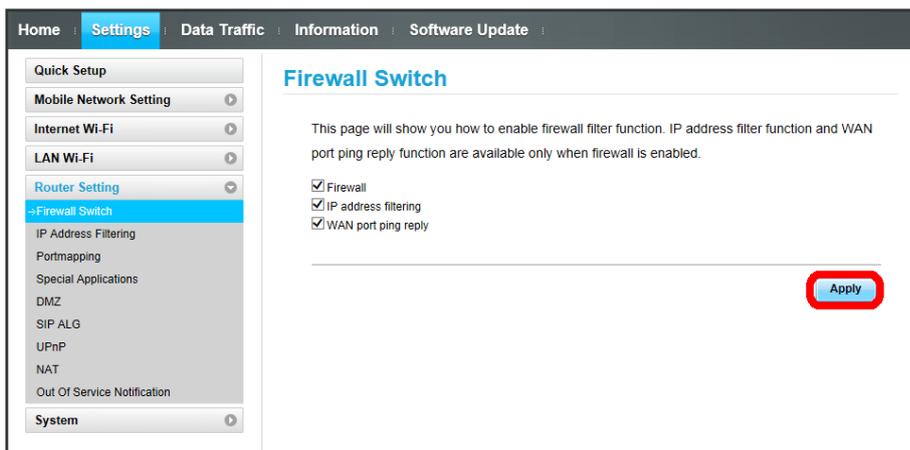
1

In Menu List, Router Setting → Firewall Switch



2

Set each item → Apply



Setting is made.

Setting IP Address Filtering

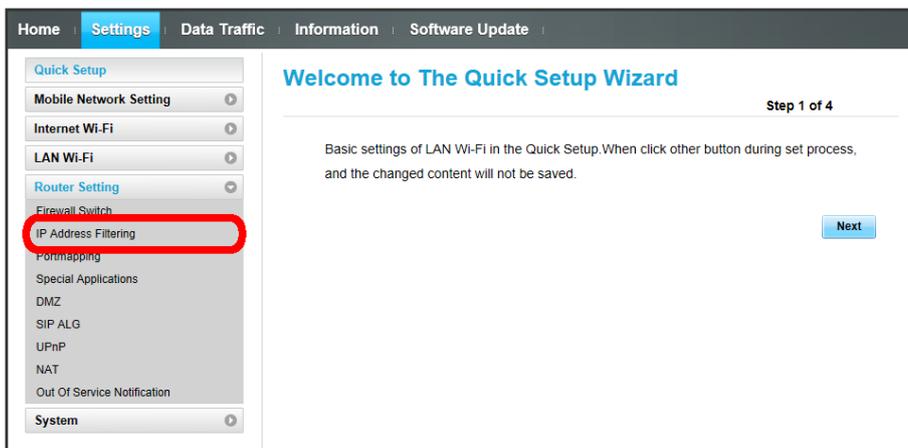
Set whether to apply rules and allow transmissions from Internet through Firewall, based on sender/receiver addresses. Setting items are as follows:

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

· For setting value, see "[WEB UI Settings \(Setting Range/Default Value\)](#)."

1

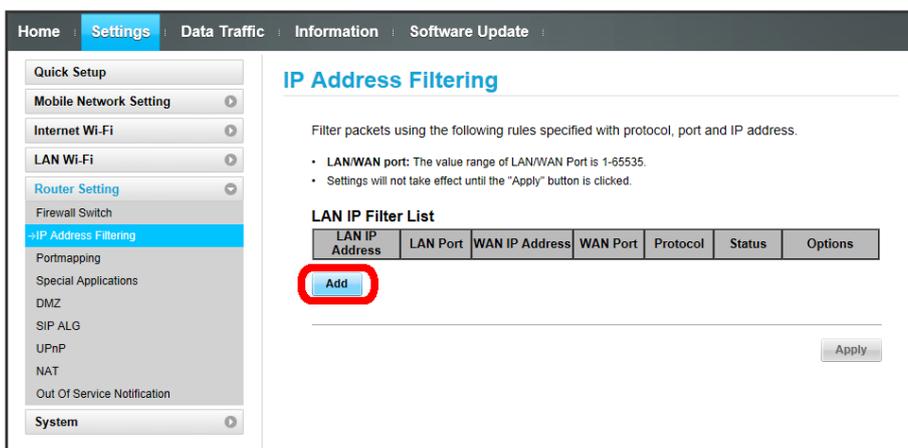
In Menu List, [Router Setting](#) → [IP Address Filtering](#)



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

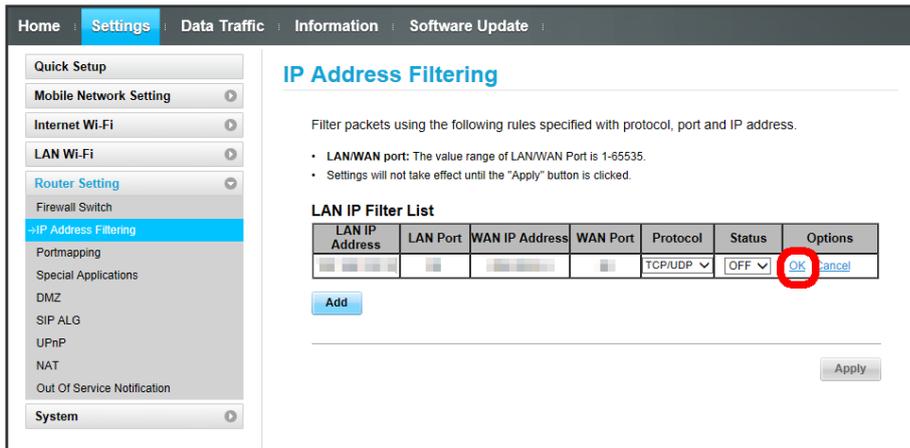
2

Add



3

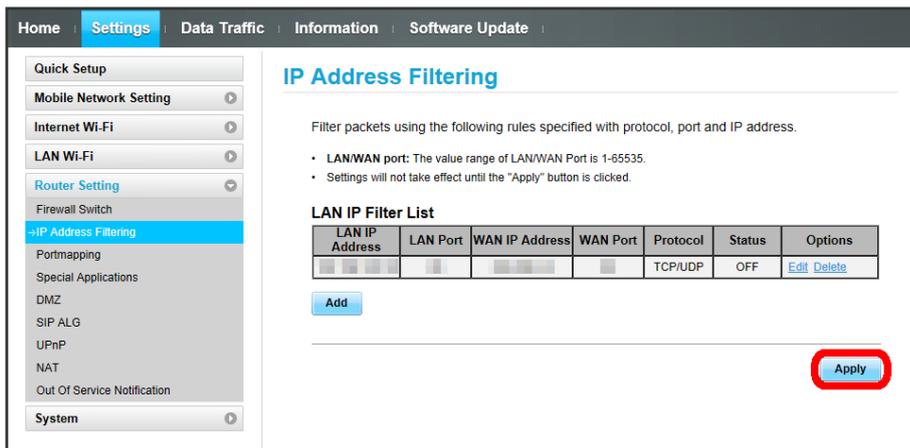
Enter each item → OK



- Turn status to **ON** to filter set IP addresses. Connection is rejected.
- Turn status to **OFF** not to filter set IP addresses. Connection is permitted.

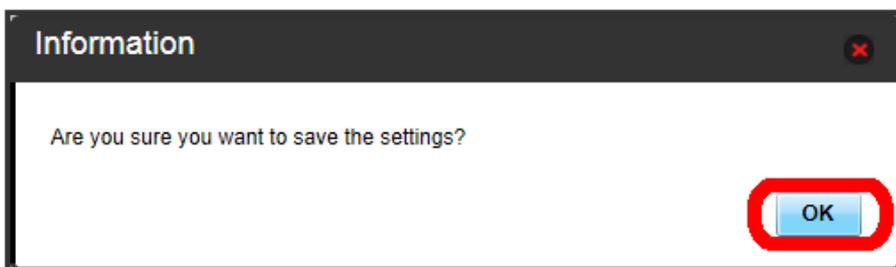
4

Apply



5

OK

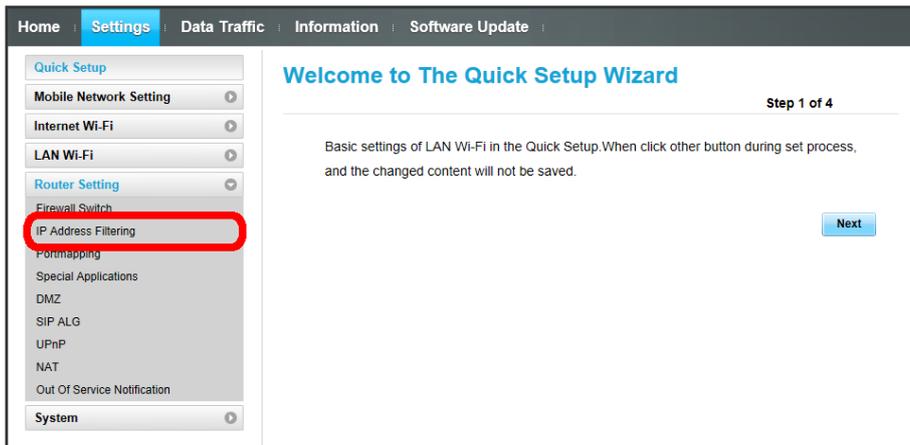


Setting is made.

Canceling IP Address Filtering

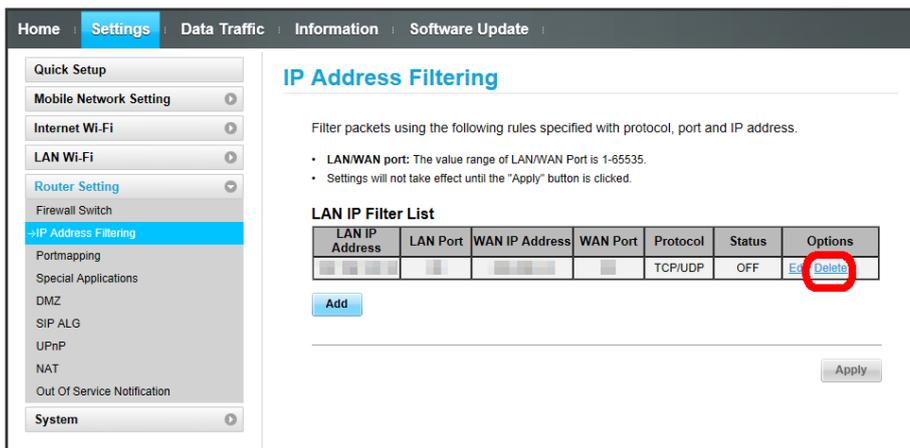
1

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



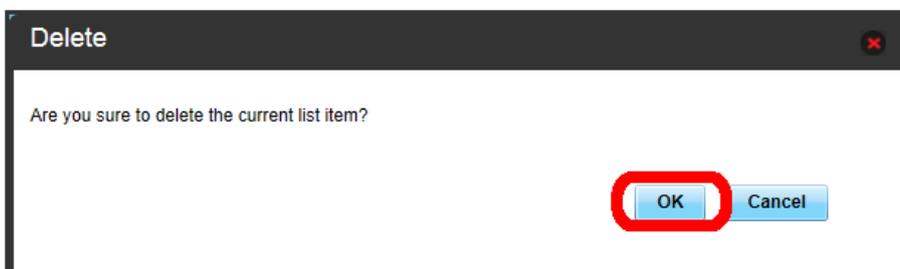
2

Delete



3

OK



Apply

The screenshot shows the 'IP Address Filtering' configuration page. On the left is a navigation menu with categories like 'Quick Setup', 'Mobile Network Setting', 'Internet Wi-Fi', 'LAN Wi-Fi', 'Router Setting', and 'System'. The 'Router Setting' category is expanded, showing options like 'Firewall Switch', 'IP Address Filtering', 'Portmapping', 'Special Applications', 'DMZ', 'SIP ALG', 'UPnP', 'NAT', and 'Out Of Service Notification'. 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.

- LAN/WAN port: The value range of LAN/WAN Port is 1-65535.
- Settings will not take effect until the "Apply" button is clicked.

Below this is a table titled 'LAN IP Filter List':

LAN IP Address	LAN Port	WAN IP Address	WAN Port	Protocol	Status	Options
<p style="text-align: center;">Add</p>						

At the bottom right of the main content area, there is an 'Apply' button, which is circled in red in the image.

 Setting is 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 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

· For setting value, see "[WEB UI Settings \(Setting Range/Default Value\)](#) ."

1

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

The screenshot shows the 'Quick Setup Wizard' interface. The left-hand menu is expanded to 'Router Setting', and 'Portmapping' is highlighted with a red circle. The main content area displays 'Welcome to The Quick Setup Wizard' and 'Step 1 of 4'. Below this, there is a brief instruction: 'Basic settings of LAN Wi-Fi in the Quick Setup. When click other button during set process, and the changed content will not be saved.' A 'Next' button is visible on the right side of the main content area.

2

Add

The screenshot shows the 'Portmapping' configuration page. The left-hand menu is expanded to 'Portmapping'. The main content area contains instructions on how to configure portmapping and a 'Port Mapping List' table. The 'Add' button in the table is highlighted with a red circle. The table has the following structure:

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

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

3

Enter each item → OK

Portmapping

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

- **IP address:** Specify LAN address. The packets which match the specified conditions will be forwarded to this address.
- **LAN/WAN port:** The port of the computer that provides services. It is a single port and the value range of LAN/WAN Port is 1-65535.
- **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
XXXX				TCP/UDP	OFF	OK Cancel

Add

Apply

- Turn status to **ON** to activate port mapping.
- Turn status to **OFF** to deactivate port mapping. Use for temporarily deactivate mapping. Mapping is not canceled.

4

Apply

Portmapping

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

- **IP address:** Specify LAN address. The packets which match the specified conditions will be forwarded to this address.
- **LAN/WAN port:** The port of the computer that provides services. It is a single port and the value range of LAN/WAN Port is 1-65535.
- **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
XXXX				TCP/UDP	OFF	Edit Delete

Add

Apply

5

OK

Information

Are you sure you want to save the settings?

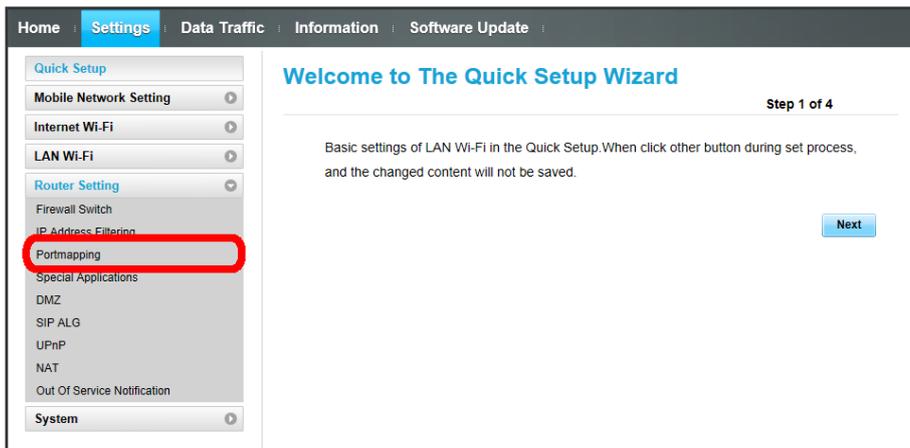
OK

Portmapping is set.

Canceling Portmapping

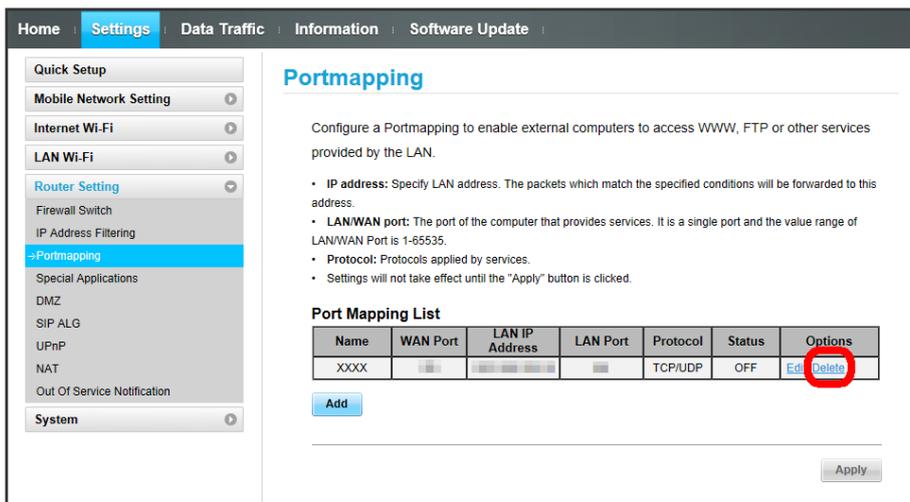
1

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



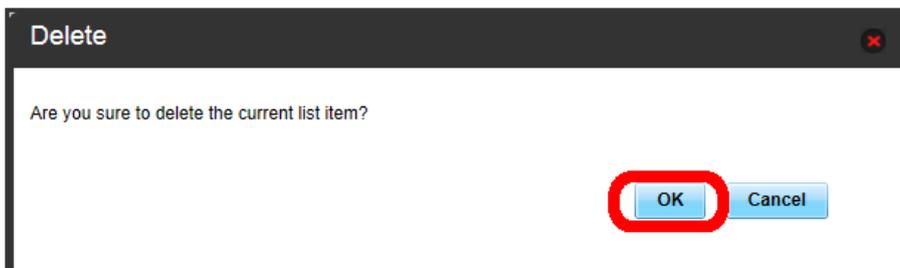
2

Delete



3

OK



Setting is canceled.

4

Apply

The screenshot shows the 'Portmapping' configuration page. On the left is a navigation menu with categories like 'Quick Setup', 'Mobile Network Setting', 'Internet Wi-Fi', 'LAN Wi-Fi', 'Router Setting', 'Special Applications', and 'System'. The 'Portmapping' option is selected. The main content area has a title 'Portmapping' and a description: 'Configure a Portmapping to enable external computers to access WWW, FTP or other services provided by the LAN.' Below this are four bullet points:

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

 Below the text is a 'Port Mapping List' table with columns: Name, WAN Port, LAN IP Address, LAN Port, Protocol, Status, and Options. There is an 'Add' button below the table. At the bottom right, an 'Apply' button is circled in red.

5

OK

The screenshot shows a dialog box titled 'Information' with a close button (X) in the top right corner. The text inside the dialog asks: 'Are you sure you want to save the settings?'. At the bottom right of the dialog, an 'OK' button is circled in red.

 Canceling is applied.

Setting Special Applications

Enable to use special applications such as online games and video phone system.

Setting items are as follows:

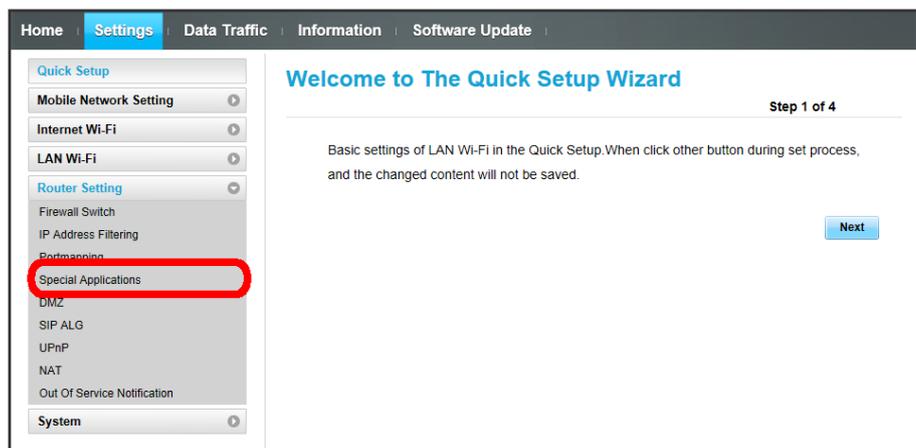
Item	Description
Name	Name applications
Status	Set whether to apply rules
Trigger Port	Set port number for control data
Trigger Protocol	Select protocol for control data
Open protocol	Select protocol for data transfer
Open port	Set port number for data transfer
Options	Save or delete rules

· For setting value, see "[WEB UI Settings \(Setting Range/Default Value\)](#)."

· Refer to application user guide.

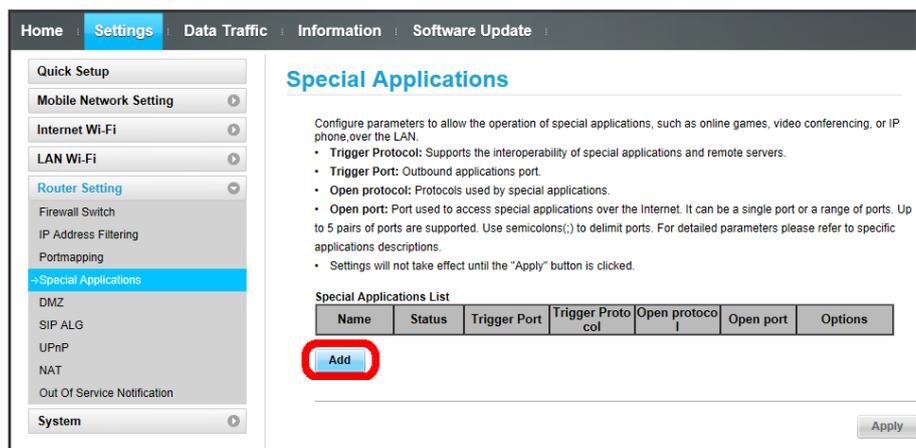
1

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



2

Add



3

Enter each item → OK

Special Applications

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

- **Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- **Trigger Port:** Outbound applications port.
- **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
XXXX	OFF		TCP/UDP	TCP/UDP		OK Cancel

Buttons: Add, Apply

4

Apply

Special Applications

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

- **Trigger Protocol:** Supports the interoperability of special applications and remote servers.
- **Trigger Port:** Outbound applications port.
- **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
XXXX	OFF		TCP/UDP	TCP/UDP		Edit Delete

Buttons: Add, Apply

5

OK

Information

Are you sure you want to save the settings?

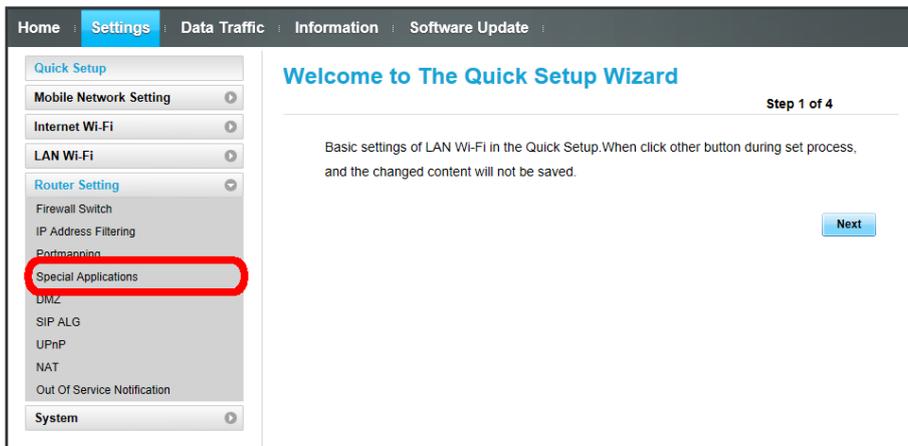
Buttons: OK

Setting is made.

Canceling Special Applications

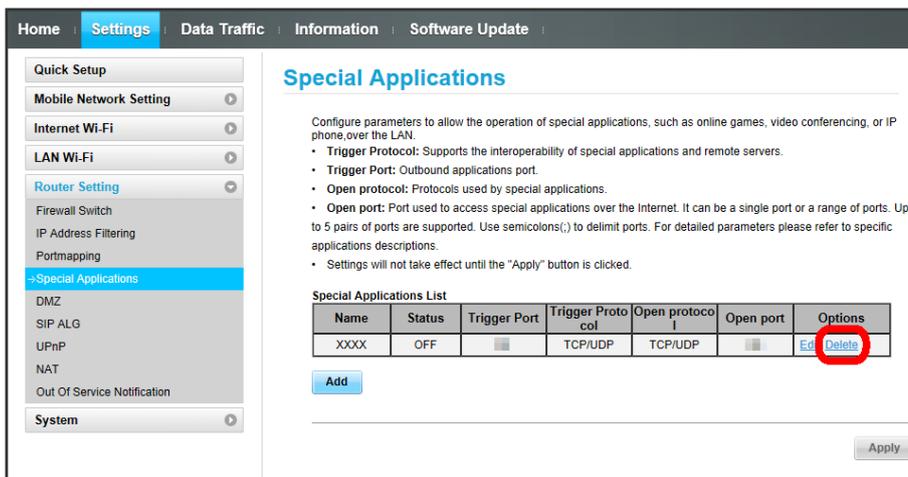
1

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



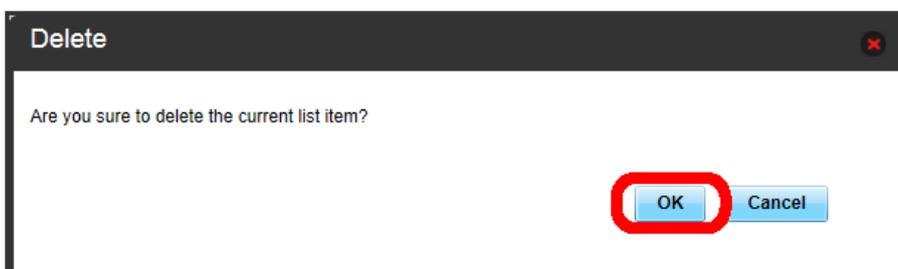
2

Cancel



3

OK



Setting is canceled.

4

Apply

The screenshot shows the 'Special Applications' configuration page. On the left is a navigation menu with categories like 'Quick Setup', 'Mobile Network Setting', 'Internet Wi-Fi', 'LAN Wi-Fi', 'Router Setting', 'Special Applications', and 'System'. The 'Special Applications' section is selected. The main content area has a title 'Special Applications' and a descriptive paragraph: 'Configure parameters to allow the operation of special applications, such as online games, video conferencing, or IP phone over the LAN.' Below this are several bullet points: 'Trigger Protocol: Supports the interoperability of special applications and remote servers.', 'Trigger Port: Outbound applications port.', 'Open protocol: Protocols used by special applications.', and '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.' A note states: 'Settings will not take effect until the "Apply" button is clicked.' Below the text is a table titled 'Special Applications List' with columns: Name, Status, Trigger Port, Trigger Protocol, Open protocol, Open port, and Options. An 'Add' button is located below the table. At the bottom right of the page, an 'Apply' button is highlighted with a red circle.

5

OK

The screenshot shows a modal dialog box titled 'Information' with a close button (X) in the top right corner. The text inside the dialog asks: 'Are you sure you want to save the settings?'. At the bottom right of the dialog, an 'OK' button is highlighted with a red circle.

Canceling is applied.

DMZ

Set specified device inside LAN as DMZ host isolated from other devices.

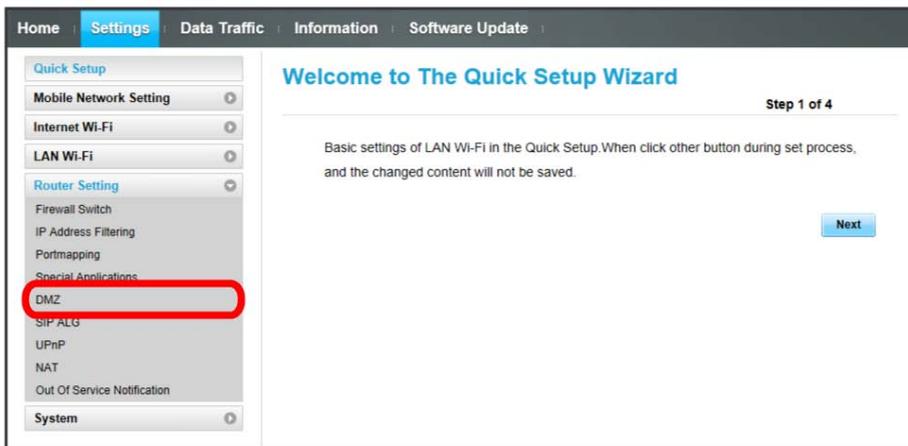
Setting items are as follows:

Item	Description
DMZ	Select whether to set DMZ host
DMZ IP Address	Set IP address for DMZ host

· For setting value, see "[WEB UI Settings \(Setting Range/Default Value\)](#) ."

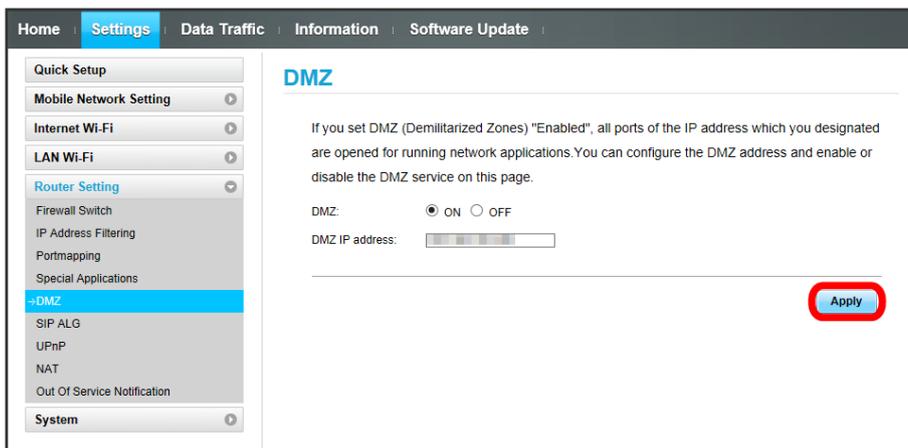
1

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



2

Set each item → [Apply](#)



🚩 Setting is made.

SIP ALG

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

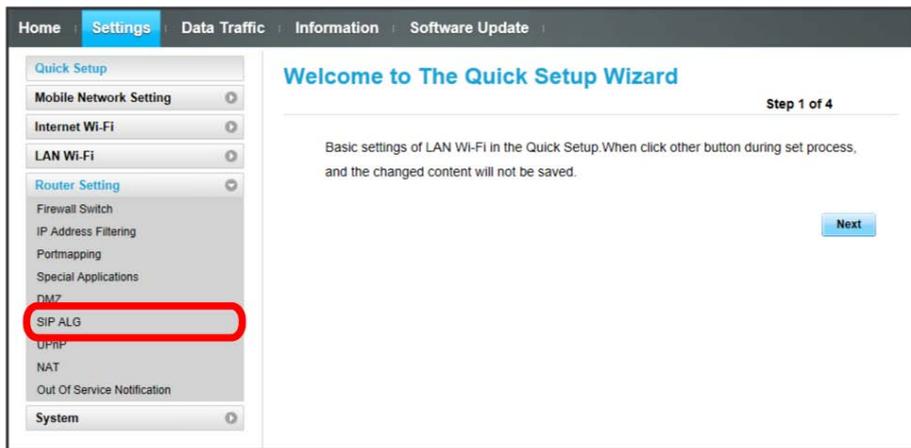
Item	Description
SIP ALG ¹	Select whether to enable SIP ALG function
SIP port	Enter port number provided by SIP service provider

1 SIP ALG is to be enabled when using SIP applications (e.g. X-Lite, Yate, Sipdroid, etc.) on a WLAN device connected to Wi-Fi router. If normal calling is not available with the SIP application, checkmark "SIP ALG"/uncheck "SIP ALG" → **Apply** , then reboot the SIP application.

· Refer to application user guide.

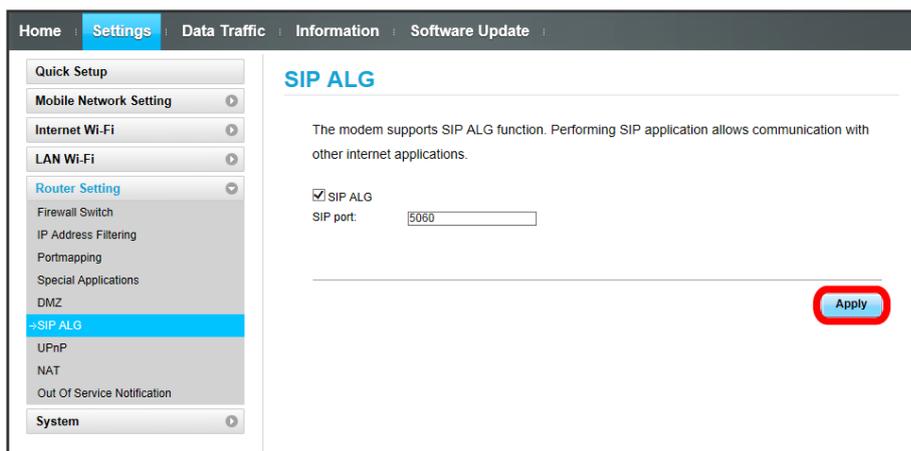
1

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



2

Set each item → **Apply**



🚩 Setting is made.

UPnP

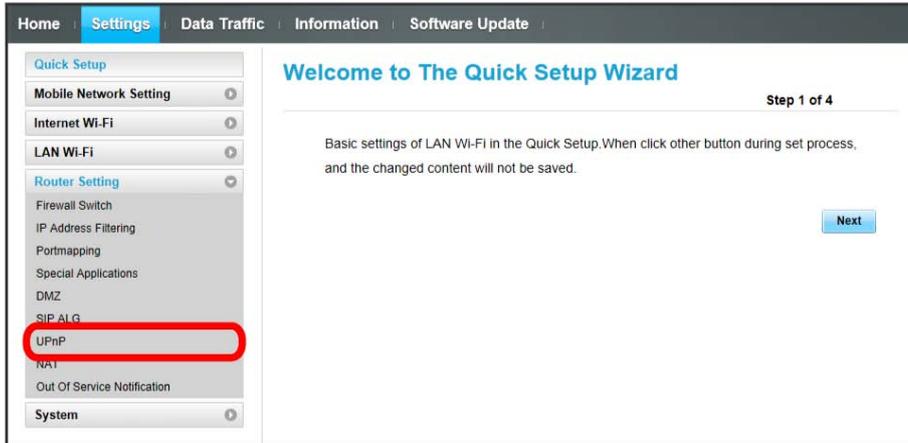
Set UPnP for using UPnP-compatible peripheral devices, audio visual devices, appliances and UPnP-compatible applications such as messenger software.

Setting items are as follows:

Item	Description
UPnP	Set whether to use UPnP

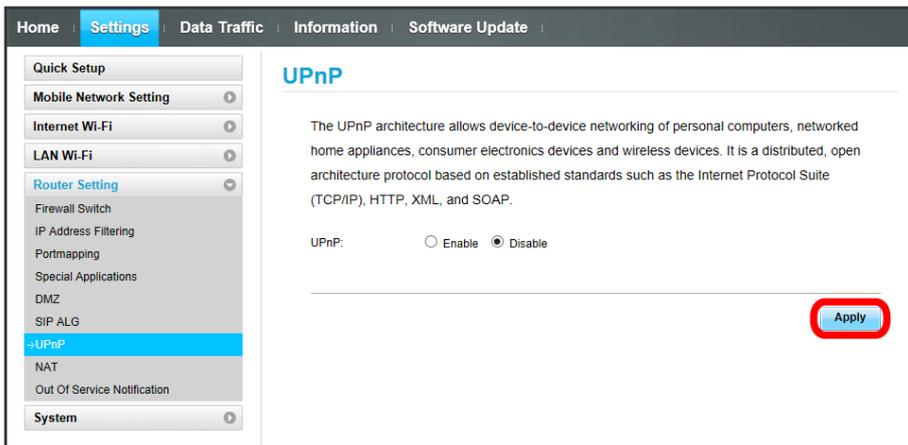
1

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



2

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



🚩 Setting is made.

NAT

Convert private IP address used inside LAN to global IP address for connecting to the Internet.

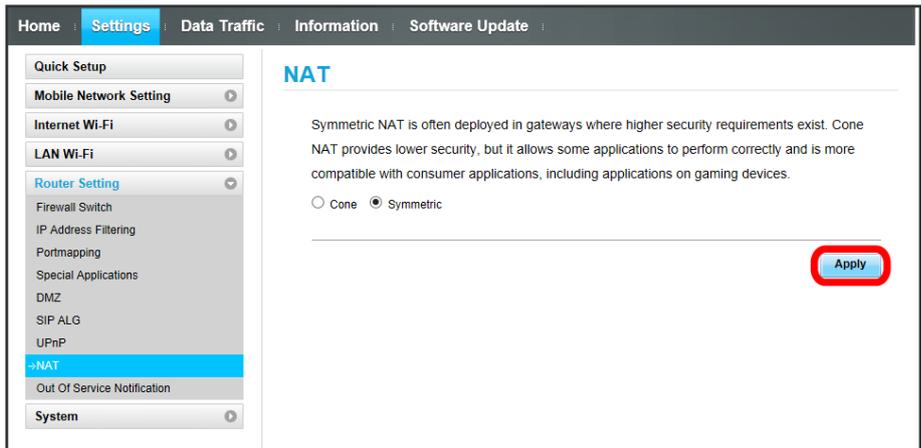
1

In Menu List, Router Setting → NAT



2

Cone / Symmetric → Apply



🚩 Setting is made.

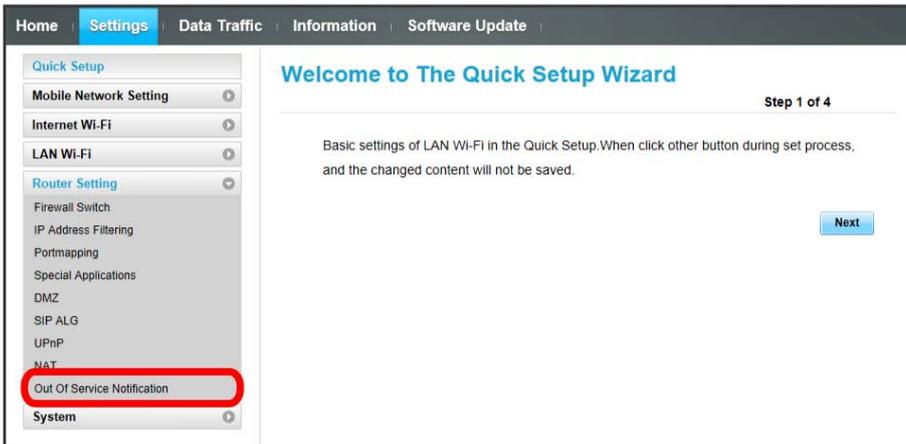
Out of Service Notification

Set whether to notify on the web browser when Wi-Fi router is out of network service area.

- "Turn On" to notify that Internet connection is disabled on the web browser when Wi-Fi router is out of service area.

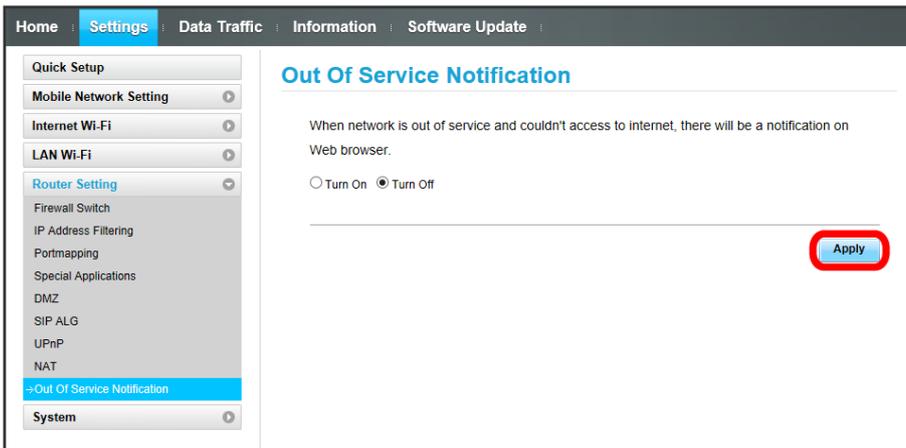
1

In Menu List, Router Setting → Out Of Service Notification



2

Turn On / Turn Off → Apply



Setting is made.

System

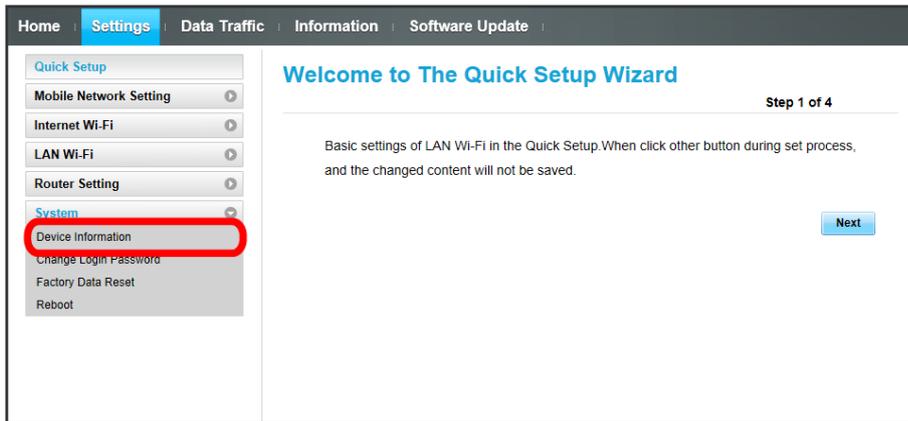
Check Wi-Fi router device information and change login password for WEB UI.
Also reset and reboot Wi-Fi router.

Checking Device Information

Check device information such as software version.

1

In Menu List, **System** → **Device Information**



Check information as follows.

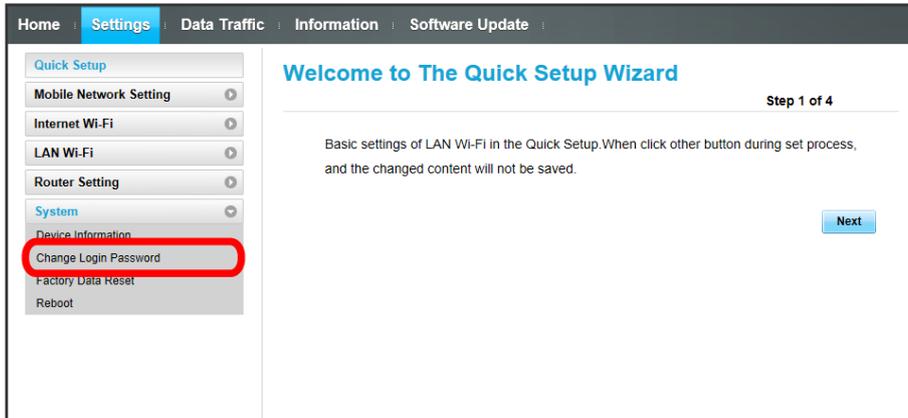
Item	Description
Device Name	Product name (301HW)
MAIN	MAIN phone number saved to USIM Card
SUB Number	SUB phone number saved to USIM Card
Hardware version	Hardware version
Software version	Software version
Firmware version	Firmware version
Web UI version	WEB UI version
MAIN IP Address	Wi-Fi router IP address; Connect to the Internet with this IP address
IMEI	Serial number

Changing Login Password for WEB UI

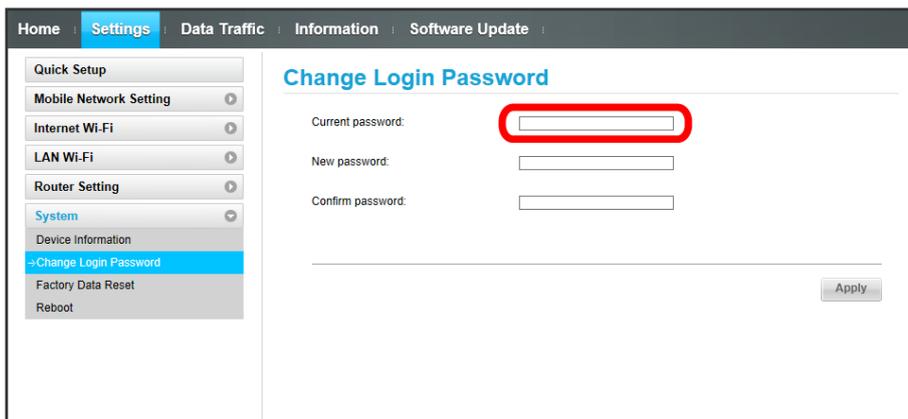
Change Login password.

1

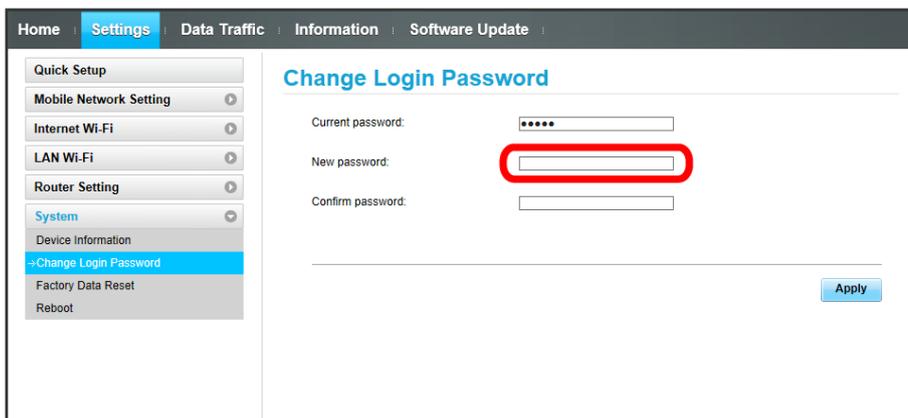
In Menu List, **System** → **Change Login Password**

**2**

Enter current password

**3**

Enter a new password



4

Re-enter the new password

The screenshot shows the 'Change Login Password' page in a web browser. The navigation bar includes 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The left sidebar lists various settings categories, with 'System' expanded to show 'Change Login Password' as the selected option. The main content area has the title 'Change Login Password' and three password input fields: 'Current password:', 'New password:', and 'Confirm password:'. The 'Confirm password:' field is circled in red. An 'Apply' button is located at the bottom right of the form.

5

Apply

This screenshot is identical to the previous one, showing the 'Change Login Password' page. In this view, the 'Apply' button at the bottom right of the form is circled in red, indicating the next step in the process.

 New password is set and WEB UI Home screen appears.

· For setting values for Login password, see "[WEB UI Settings \(Setting Range/Default Value\)](#) ."

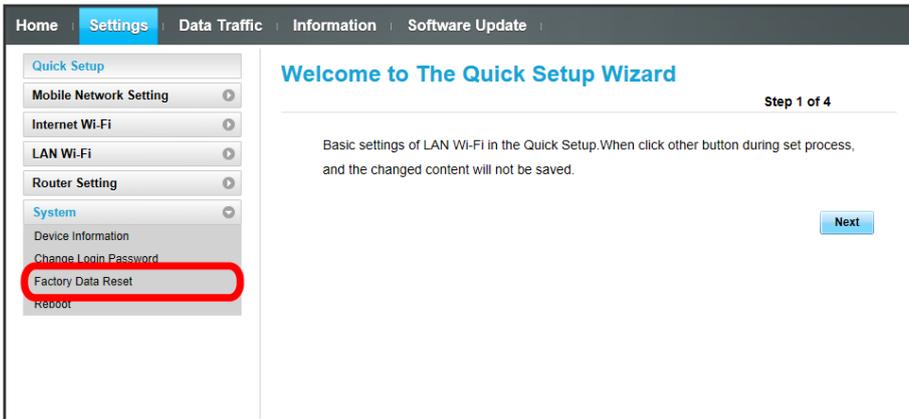
Resetting Wi-Fi Router

Restore Wi-Fi router settings to their factory defaults.
All settings are restored except contents in USIM Card and Memory Card.

- Alternatively, use Reset Button of Wi-Fi router. See "[Wi-Fi Router](#)."

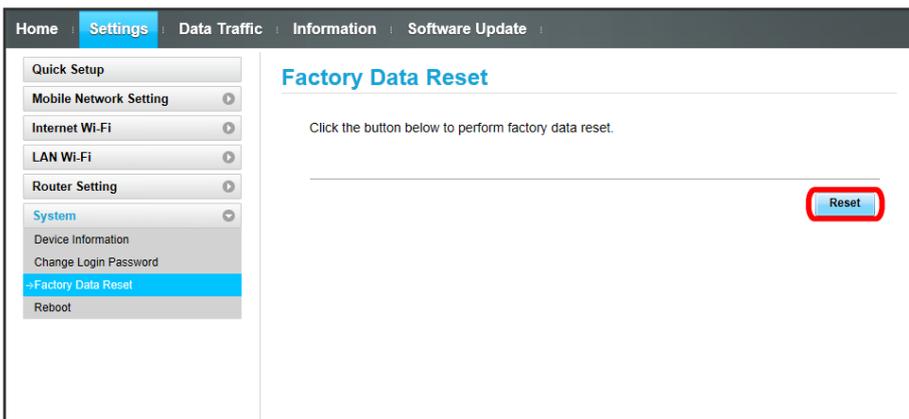
1

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



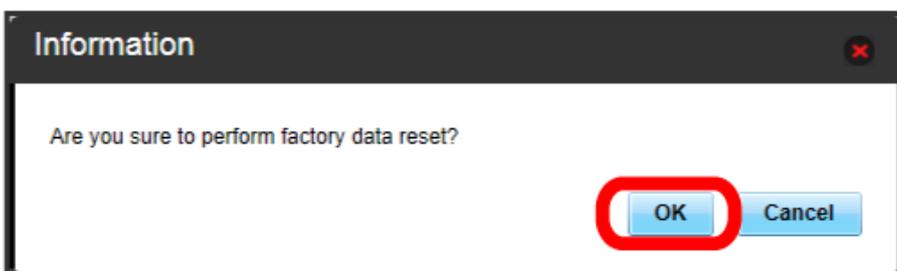
2

Reset



3

OK



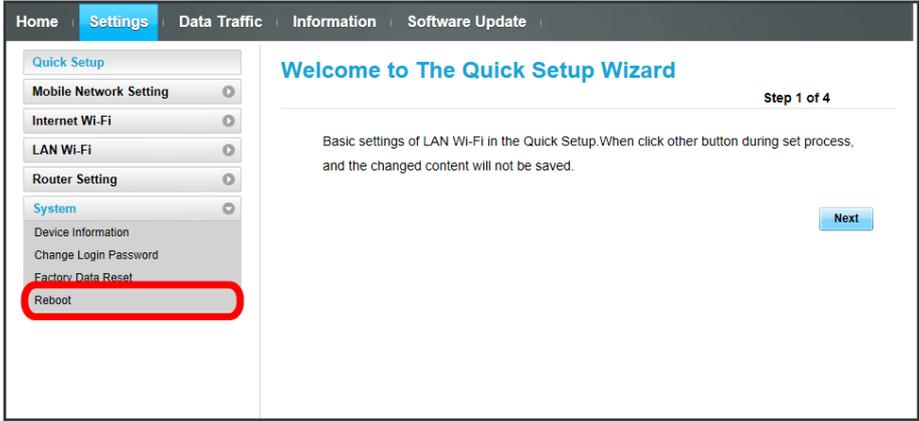
🚩 Wi-Fi router is reset and rebooted.

Rebooting Wi-Fi Router

Reboot Wi-Fi router.

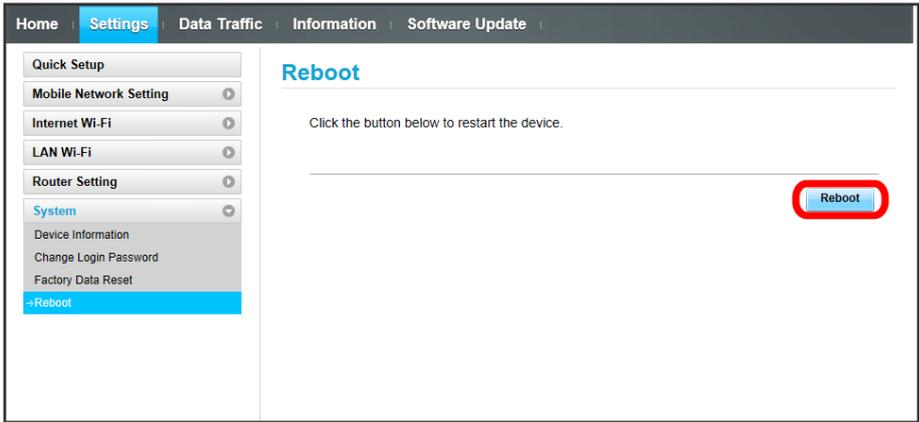
1

In Menu List, **System** → **Reboot**



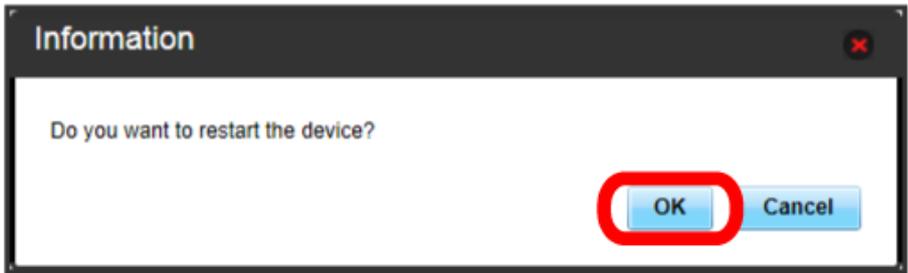
2

Reboot



3

OK



Wi-Fi router is rebooted.

Showing/Setting Data Usage

Check data traffic volume. Also set whether to show data usage for mobile network on Display, maximum data traffic or reset date. Data traffic is estimation. May differ from actual traffic volume. For actual traffic volume, contact SoftBank Customer Support. Data traffic does not include Internet Wi-Fi communication.

Checking Data Traffic

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

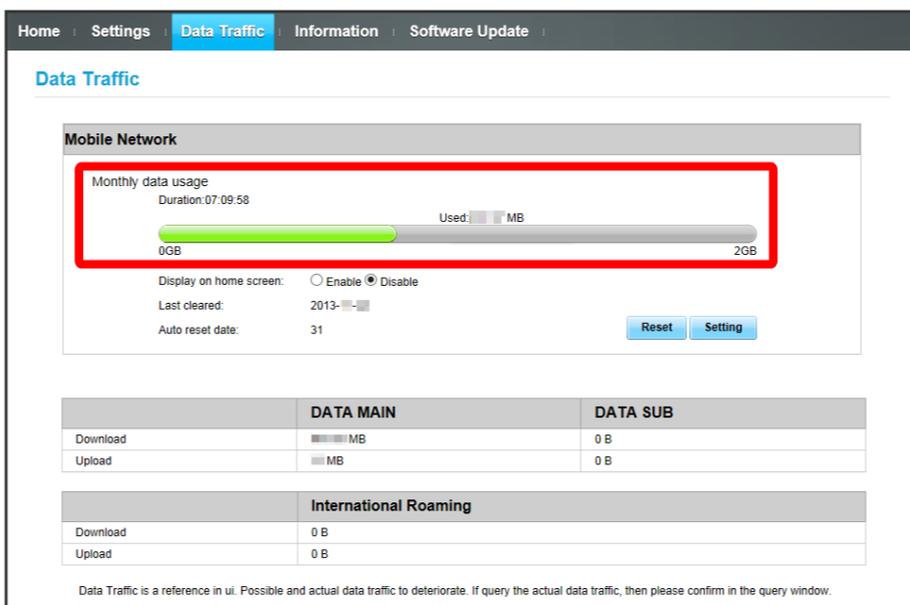
1

In Main Menu, **Data Traffic**



2

Check data traffic volume



Accumulated data traffic volume at the moment from start of use or reset is shown.

· Current data traffic volume compared to Maximum Traffic set in Data Traffic is shown with bar. For setting Maximum Traffic, see "[Setting Maximum Traffic.](#)"

Showing Data Traffic on Home Page

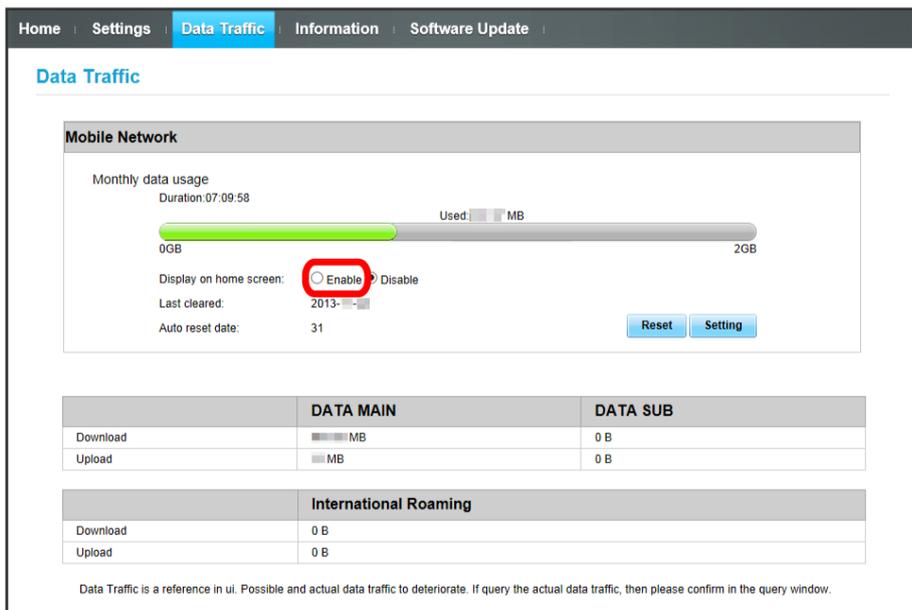
1

In Main Menu, **Data Traffic**



2

Checkmark **Enable**



(Data volume icon) in Home screen switches to (Bar icon). Accumulated data traffic volume at the moment from start of use or reset appears.

· Data traffic volume shown in (Bar icon) appears with three-digit numbers with decimal places rounded off.

3

Enter number for data traffic → Save

Data Traffic Setting

Auto reset date: 31

Maximum Traffic: 2 GB

Maximum traffic not to mean you can not communicate , just use it as a reference.

Save Cancel

Maximum traffic is set.

- Value number can be entered between 1 and 999.
- Set data volume in GB/MB.

Auto Reset Date

Set date of month for automatically resetting accumulated data traffic.

1

In Main Menu, **Data Traffic**

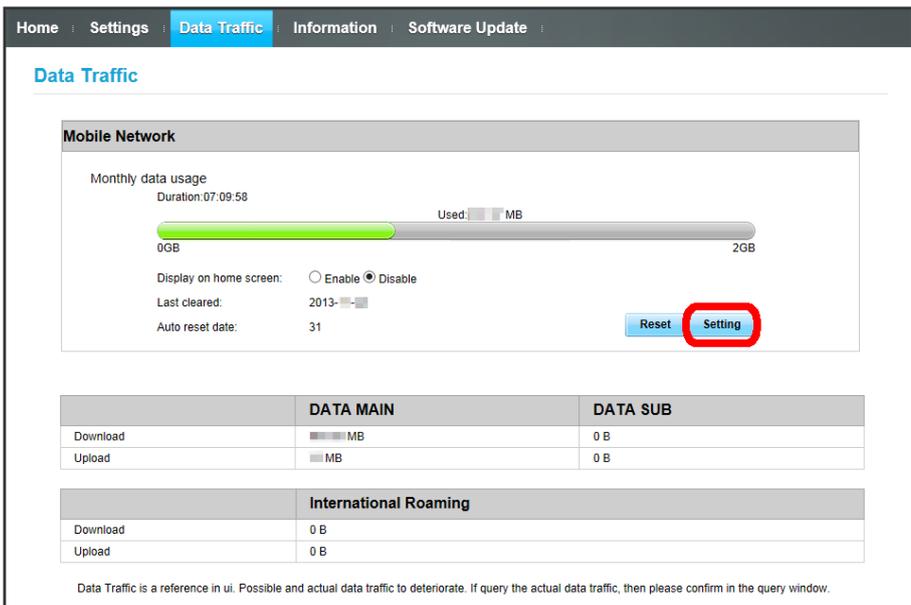


The screenshot shows the main menu with a navigation bar at the top containing 'Home', 'Settings', 'Data Traffic', 'Information', and 'Software Update'. The 'Data Traffic' tab is highlighted with a red box. Below the navigation bar, there is a 'DATA MAIN' section with a 4G signal indicator, a 'CONNECT' button, and a 'Connection Settings' link. At the bottom, there is a 'SupportSite | Manual Link | My SoftBank' section and a 'Connection status' section with the following details:

Connection status		LAN Wi-Fi status:	
Received data volume:	178.23 KB	LAN Wi-Fi status:	ON
Transmitted data volume:	53.9 KB	Number of connected users:	No users
Duration:	00:05:30		
MAIN:	██████████		
SUB:	██████████		
WAN IP Address:	██████████		

2

Setting



The screenshot shows the 'Data Traffic' settings page. The 'Data Traffic' tab is highlighted in the navigation bar. The 'Mobile Network' section is expanded, showing 'Monthly data usage' with a duration of 07:09:58 and a progress bar for 'Used' data (0GB to 2GB). Below the progress bar, there are options for 'Display on home screen' (Enable/Disable), 'Last cleared' (2013-), and 'Auto reset date' (31). The 'Setting' button is highlighted with a red box. Below the settings, there are two tables showing data usage for 'DATA MAIN' and 'International Roaming'.

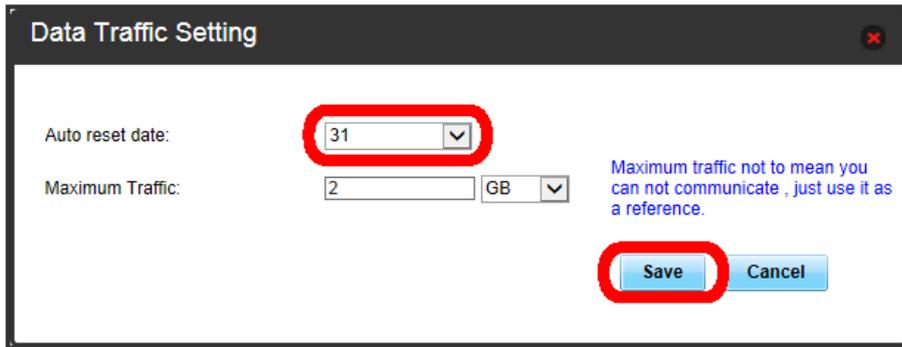
	DATA MAIN	DATA SUB
Download	██████ MB	0 B
Upload	██ MB	0 B

International Roaming	
Download	0 B
Upload	0 B

Data Traffic is a reference in ui. Possible and actual data traffic to deteriorate. If query the actual data traffic, then please confirm in the query window.

3

Select date for resetting → Save



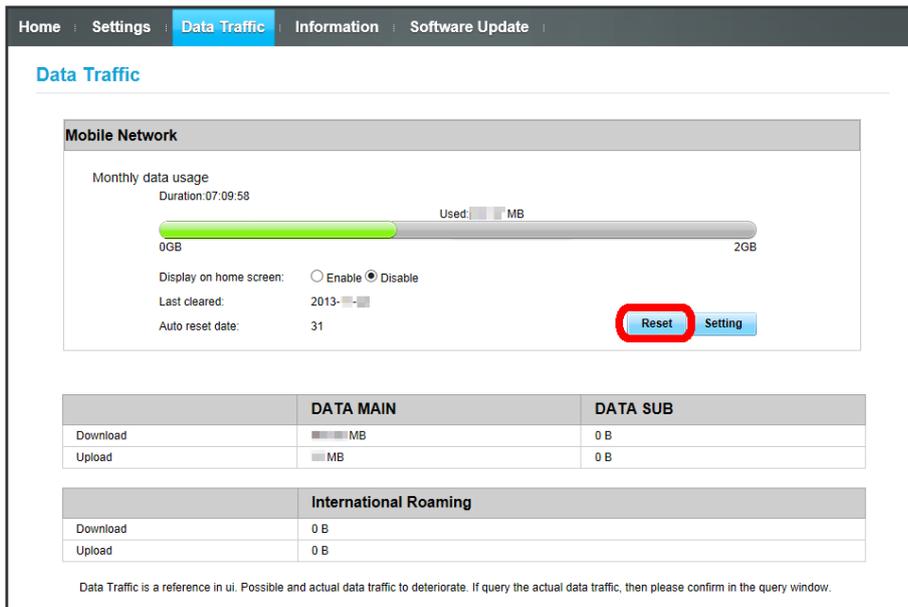
Auto reset date is set.

- Value number can be selected between 1 and 31.
- If 31 is set, data traffic is reset at the end of the month.

Resetting Data Traffic

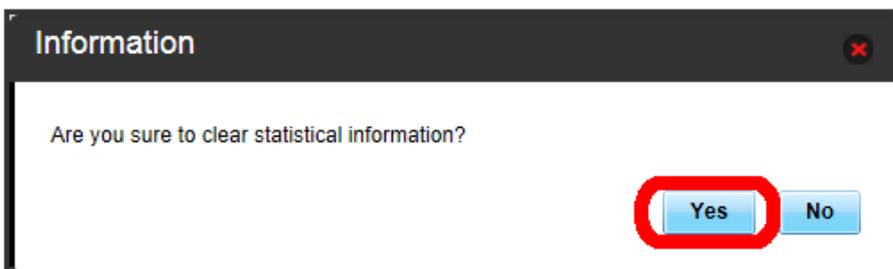
1

In Main Menu, Data Traffic → Reset



2

Yes



Data traffic is reset.

Checking Information

Information from SoftBank is notified as a message on Display.

Checking Information

1

In Main Menu, **Information**

Home | Settings | Data Traffic | **Information** | Software Update

DATA MAIN

4G

Connected
[Connection Settings](#)

CONNECT

SupportSite | Manual Link | My SoftBank

Connection status

Received data volume:	178.23 KB	LAN Wi-Fi status:	ON
Transmitted data volume:	53.9 KB	Number of connected users:	No users
Duration:	00:05:30		
MAIN:			
SUB:			
WAN IP Address:			

2

Check information

Home | Settings | Data Traffic | **Information** | Software Update

Date	Content
2023-10-11 14:28:10	This is a test message!

Delete

 Message appears only when information is notified.

Deleting Information

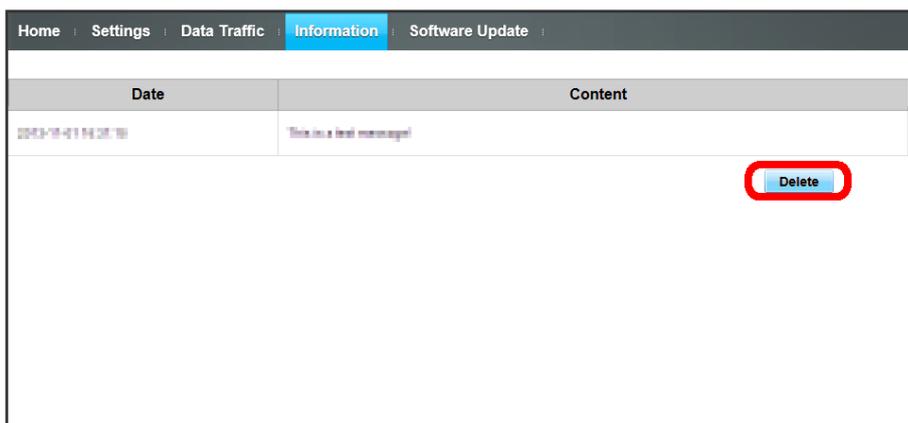
1

In Main Menu, **Information**



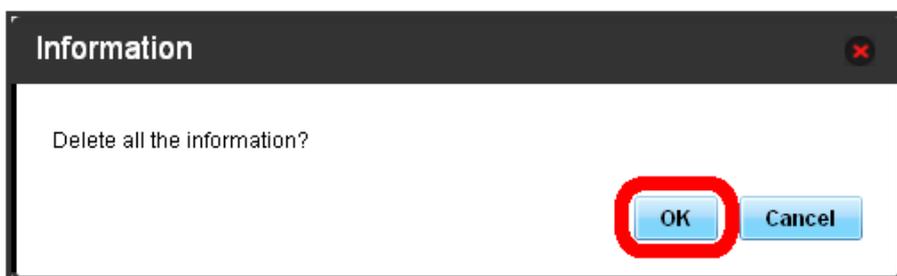
2

Delete



3

OK



 "Success." appears. All information is deleted.

Setting Software Update

Set software update.

Enable auto-software update to check updates at regular intervals and automatically update if new software is found. If it is disabled, Wi-Fi router checks updates but does not download automatically.

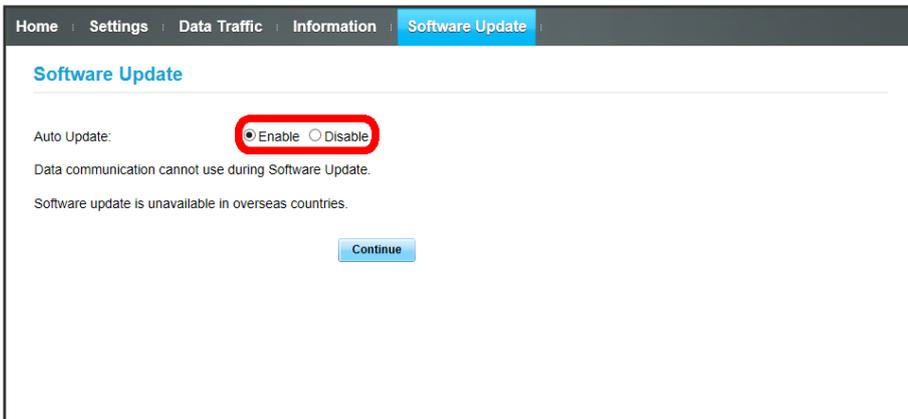
Setting Auto-Software Update

1

In Main Menu, **Software Update**

**2**

Enable or **Disable**



 Auto-software update downloading is enabled/disabled.

Updating Software

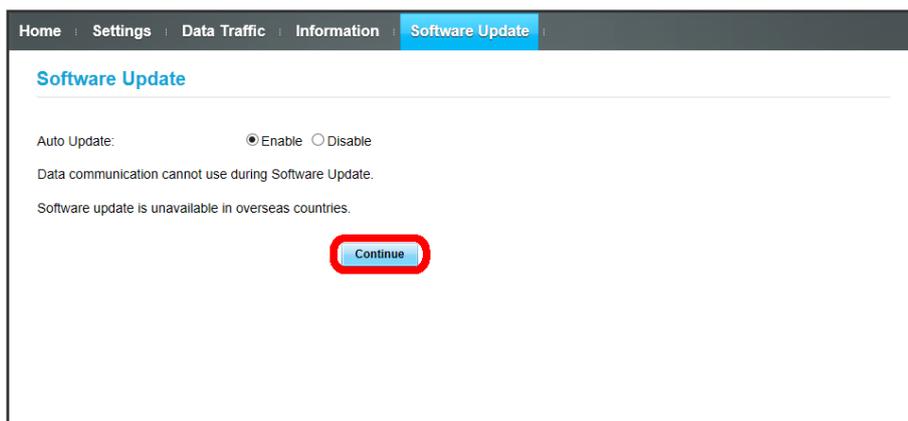
1

In Main Menu, [Software Update](#)



2

[Continue](#)



Check 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 is not applied for Software update.
While software is updated, other functions are disabled.
Software update is not available while International roaming.

Setting from Mobile Device

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

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

Activating WEB UI from Mobile Device

1

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

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

2

In Home Screen, 端末情報



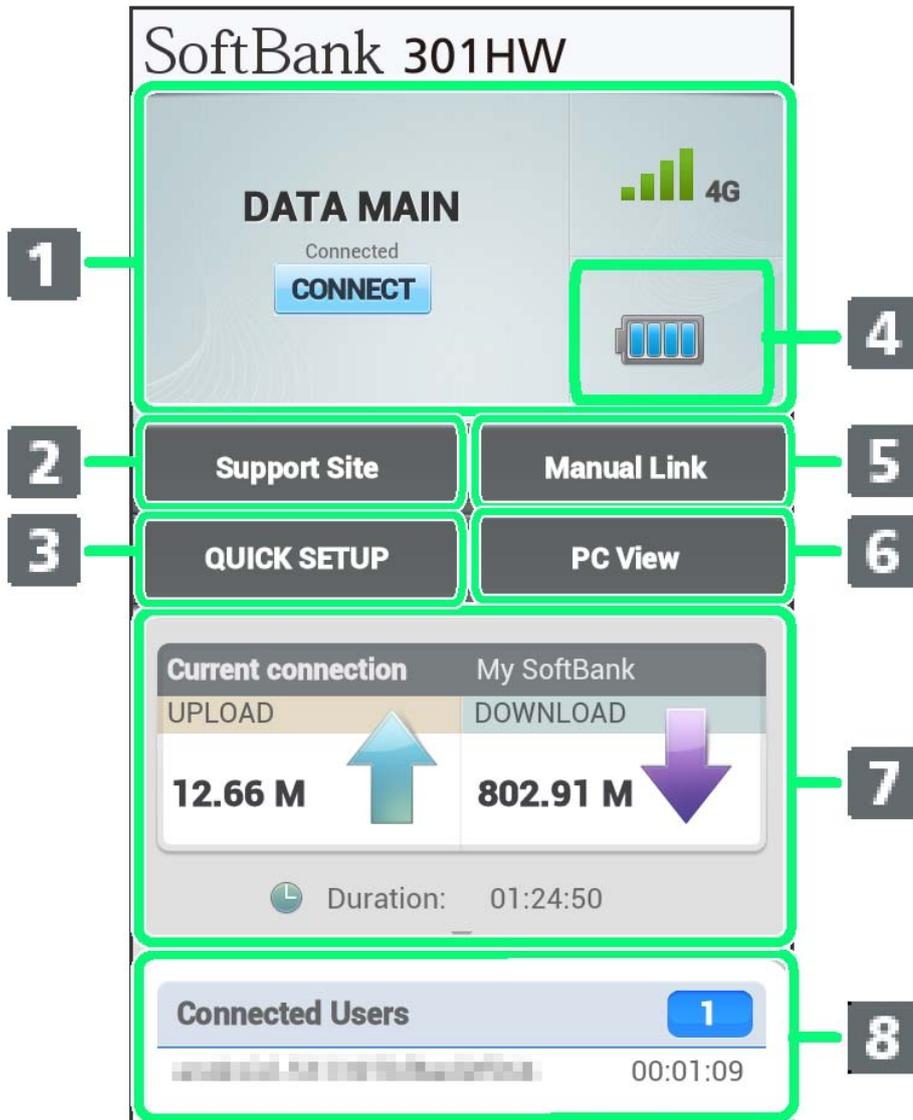
 URL of WEB UI appears on Display of Wi-Fi router.

3

Activate browser on the mobile device and enter URL (<http://web.setting>) shown on Display in the address bar of browser.



 WEB UI Home Page appears.



Item	Description
1 Connected network	Connected network details and signal level
2 Support Site	Open SoftBank Customer Support web page
3 QUICK SETUP	Open Quick Setup wizard
4 Battery level	Battery level
5 Manual Link	Open Instruction Manual
6 PC View	Open WEB UI Home page for computer
7 Current connection	Accumulated data traffic volume at the moment from start of use or reset
8 Connected Users	Connected devices

Logging into WEB UI from Mobile Device

1

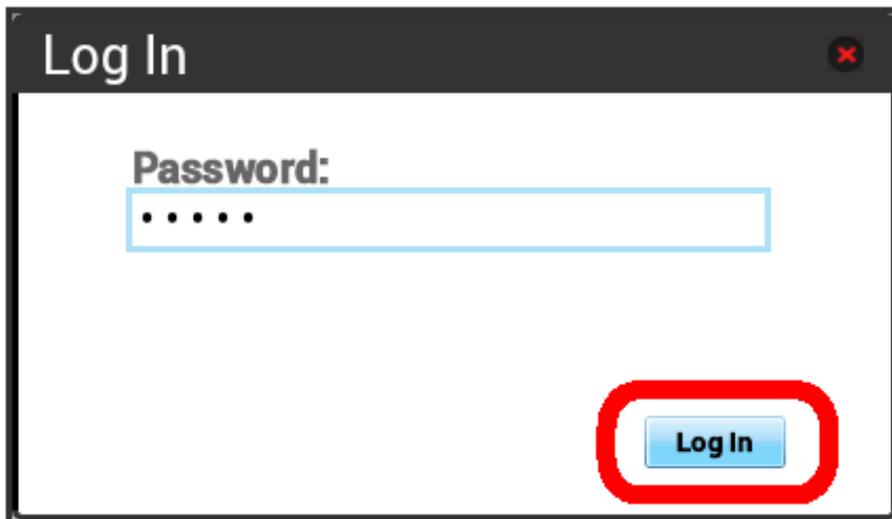
In WEB UI Home Page, QUICK SETUP



Login window opens.

2

Enter Login password → Log In



Quick Setup wizard opens.

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

Quick Setup from Mobile Device

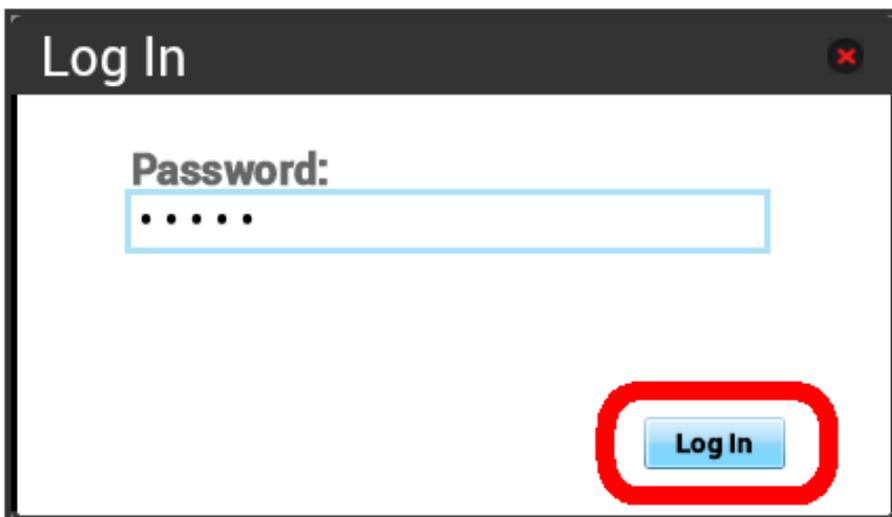
1

In WEB UI Home screen, **QUICK SETUP**

🚩 Login window opens.

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

2

Enter Login password → **Log In**

🚩 Quick Setup wizard opens.

Next

Log Out **Quick Setup** **Home**

Welcome to The Quick Setup Wizard **Step 1 of 4**

Allows to set a minimum on LAN Wi-Fi. When press the "home" button in process, not save content changed, and return to the Home screen.

Next

Confirm description for SSID and SSID Stealth in LAN Wi-Fi and [Next](#)

[Log Out](#) **Quick Setup** [Home](#)

LAN Wi-Fi Setup Step 2 of 4

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

SSID stealth

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

Disable: Turning off this function will periodically broadcast the SSID. This allows search and connection of Wi-Fi network from devices to connect.

[Back](#) [Next](#)

Configure LAN Wi-Fi, [Next](#)

The screenshot shows a web interface for configuring LAN Wi-Fi. At the top, there are buttons for 'Log Out', 'Quick Setup', and 'Home'. Below this is the 'LAN Wi-Fi Setup' section, labeled 'Step 3 of 4'. Under the heading 'SSID A', there are five configuration items: 'SSID:' with the value '301HWX-XXXXXX', 'Authorization method:' set to 'WPA/WPA2-PSK', 'Encryption method:' set to 'AES+TKIP', 'WPA security key:' with a masked input field, and 'SSID stealth:' set to 'Disable'. At the bottom of the form are two buttons: 'Back' and 'Next'. The 'Next' button is circled in red.

· For setting items or operations, see "[Setting LAN Wi-Fi.](#)"

Check network configuration, Complete

Quick Setup

Confirm setting Step 4 of 4

SSID A

SSID:	301HWX-XXXXXX
Authorization method:	WPA/WPA2-PSK
Encryption method:	AES+TKIP
SSID stealth:	Disable

Back Complete

Quick Setup is complete.

Notes on Use on Mobile Device

Changing Wi-Fi Settings

Changing Internet Wi-Fi setting, LAN Wi-Fi setting on WEB UI from mobile device may disconnect WLAN connection.

Using WEB UI for PCs

Some functions are not available depending on web browser for using WEB UI for PCs on mobile devices.

Appendix

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Troubleshooting

Troubleshooting

Check the following Q & A. If problem persists, visit your nearest SoftBank Shop or contact [SoftBank Customer Support](#), General Information.

? Troubleshooting

- Q. Unable to connect WLAN
- A. Make sure Wi-Fi router and WLAN device WLAN functions are activated. When a minute elapses 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. Press Power Button to enable WLAN function. Change time before turning off in "スリープ設定" in Wi-Fi router "設定." For details, see "[Setting Sleep Mode](#)."
- A. Confirm that Wi-Fi router SSID is selected and correct Security Key is set on WLAN device. For SSID and Security Key, see "SSID" in Wi-Fi router Touch Menu or "LAN Wi-Fi" on WEB UI and change Security Key on WLAN device.
For details, see "[Touch Menu](#)", "[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 "[Connecting WLAN](#)."
- A. Change Wi-Fi [通信規格設定](#) and retry. For details, see "[Connecting IEEE802.11b WLAN Device](#)."

- Q. PC does not recognize Wi-Fi router by USB connection
- 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. For Windows 8, 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 followings are 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"
- A. For Windows 7, follow these steps to confirm proper Wi-Fi router installation.

Start Explorer → Right-click Computer →
 Properties → System Properties → Hardware
 → Device Manager → Confirm that the followings are 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"
- A. For Windows Vista, 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 followings are 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"
- A. For Windows XP, follow these steps to confirm proper Wi-Fi router installation.

Right-click My Computer → Properties →
 Hardware → Device Manager → Confirm that the followings are 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: "Windows Mobile-based Internet Sharing Device" in "Network adapters"

- Q. Installer does not automatically activate (Windows PC)
- A. New hardware recognition takes time. 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. Use a specified charger. Charging with non-specified charger and charging via USB connection with PC take longer.
- 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 Internet Wi-Fi setting and network settings are correct.

- Q. Unable to connect Internet Wi-Fi
- 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 Internet Wi-Fi settings such as Security Key are properly made. For settings, see "[Setting Internet Wi-Fi](#)."

- 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 AC Charger or PC using Micro USB Cable.
- 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 Micro 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. 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 Micro USB Cable. For changing WLAN channel, see "[Setting LAN Wi-Fi](#)."
- 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. Check if monthly data traffic is under allowance volume for high speed transmission set by your communication service plan. For checking data traffic, see "[Checking Data Traffic](#)."
- 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.
-
- Q. Forgot PIN/Unknown PUK Code/USIM Card is locked
- A. Contact [SoftBank Customer Support](#) 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 "[USIM Card Installation](#)."
- 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. Contact [SoftBank Customer Support](#), General Information.

- Q. Confirming Administrator logon
- A. For Windows 8, follow these steps to check.
Move the pointer into the upper-right or lower-right corner →  → [Control Panel](#) → [Change your account type](#) in User Accounts →
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 Windows XP, follow these steps to check.
[Start menu](#) → [Control Panel](#) → [User Accounts](#) → Confirm that account type is "Administrator."
- A. For Mac OS X (10.8), follow these steps to check.
In Dock, [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 [自動接続設定](#) for [国際ローミング](#) is enabled. For details, see "[International Roaming](#)."
-
- Q. Resetting factory defaults (Reset)
- A. Use Reset Button to reset. For details, see "[Wi-Fi Router](#)."
- A. Use WEB UI to reset. For details, see "[Resetting Wi-Fi Router](#)."
-
- 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 "[Battery Installation](#)."

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 Internet Wi-Fi and IP address of Wi-Fi router is duplicated, IP address error is shown on Display of Wi-Fi router.

When using the Internet Wi-Fi 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 Internet Wi-Fi may occur and Internet connection is unavailable in this situation. Activate WEB UI and change current IP address in "IP Address" field by selecting [Settings](#) → [Router Setting](#)

(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	301HW
Dimensions ¹	57.0 mm (H) x 91.0 mm (W) x 14.7 mm (D)
Weight ¹	120 g
Interface	USB 2.0 High Speed (Micro USB terminal)
Power Consumption ¹	On standby: 0.015 W On communication: 1.2 W *Power consumption varies by usage.
Operation Environment	Operating Temperature: 0°C to 50°C Humidity: 30% to 85%
Compatible Networks	Japan: 4G (AXGP/FDD-LTE), 3G (1.5 GHz, 1.7 GHz) Overseas: 3G (2.1 GHz) Wi-Fi: IEEE802.11a/b/g/n (WAN), IEEE802.11b/g/n (LAN)
Frequency	AXGP: Upstream: 2545 MHz to 2575 MHz Downstream: 2545 MHz to 2575 MHz FDD-LTE: Upstream: 1710 MHz to 1785 MHz Downstream: 1805 MHz to 1880 MHz 3G Upstream: 1427.9 MHz to 1447.9 MHz, 1749.9 MHz to 1784.9 MHz, 1920 MHz to 1980 MHz Downstream: 1475.9 MHz to 1495.9 MHz, 1844.9 MHz to 1879.9 MHz, 2110 MHz to 2170 MHz WLAN: 2400 MHz to 2483.5 MHz (13ch all) 5180 MHz to 5320 MHz, 5500 MHz to 5700 MHz
Charging Time ¹	AC Charger: 3 hours Micro USB Cable: 320 minutes
Continuous Standby Time ¹	600 hours
Continuous Communication Time ¹	10 hours

¹ Approximate value

- Charging time depends on ambient temperature, Battery usage, etc.
- Continuous standby time and continuous communication time depend on environment, signal conditions, etc.

AC Charger

Item	Description
Product Name	AC Charger (HWCBB1)
Dimensions ¹	82.0 mm (H) x 51.0 mm (W) x 38.0 mm (D)
Power Source	AC100 V-240 V
Input Current	Maximum 0.5 A
Output Power	
Voltage/Current	5.0 V/1.5 A

¹ Approximate value

Micro USB Cable

Item	Description
Product Name	Micro USB Cable (HWDAZ1)
Cable Length	1 m
Plug Type	Standard USB Plug

Battery

Item	Description
Product Name	Battery (HWBBB1)
Voltage	3.8 V
Type	Lithium-ion
Capacity	2400 mAh

Material List

Parts	Materials/Finishing
Wi-Fi router: Surface	Glass
Wi-Fi router: Lateral side	PC + 10%GF + Coating
Wi-Fi router: Power Button	PC + Coating
Wi-Fi Router: Bottom	PC + Coating
Wi-Fi router: USIM Card Stopper	Nickel copper alloy, Gold plating
Wi-Fi router: Battery connection terminals	Alloy/Gold plating, Stainless steel/Nickel plating
AC Charger: Outer case	PC+ABC
AC Charger: Power plug	Copper, Copper nickel plating
AC Charger: Micro USB plug	Copper, Copper nickel plating, Gold plug
Micro USB Cable: Outer case	PVC
Micro USB Cable: USB plug	Iron, Brass/Nickel based tin plating
Micro USB Cable: Micro USB plug	Stainless Steel, phosphor bronze
Battery: Main unit	PET
Battery: Terminal	Nickel plating + Gold plating
Battery: Outer case (Upper/Lower)	PC

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.

Setting List

Setting list on Wi-Fi router and WEB UI are as follows. Value range and default values are shown for each setting item.

Wi-Fi Router Settings (Setting Range/Default Value)

Set from Touch Menu on Wi-Fi router.

・かんたん設定

Item	Options (Range/Default Value)
パスコード	<ul style="list-style-type: none"> Options: Four-digit number Default Value: (None)

・データ通信量

Item	Options (Range/Default Value)
最大通信量	<ul style="list-style-type: none"> Options: 1 to 999 number Default Value: 2
最大通信量の単位	<ul style="list-style-type: none"> Options: GB/MB Default Value: GB
自動リセット日	<ul style="list-style-type: none"> Options: 1 to 31 number Default Value: 31

・インターネットWi-Fi

Item	Options (Range/Default Value)
インターネットWi-Fi	<ul style="list-style-type: none"> Options: ON, OFF Default Value: ON
ソフトバンクWi-Fiスポット	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
ログインパスワード	<ul style="list-style-type: none"> Options: 0000 to 9999 Default Value: (None)¹
SSID A	<ul style="list-style-type: none"> Options: Up to 32 characters of alphanumeric and symbols . (period), - (hyphen), _ (underline), (half-width space) Default Value: 1
セキュリティキー	<p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in Authorization</p> <ul style="list-style-type: none"> Options: Eight characters or more, up to 63 characters in half-width alphanumeric and half-width symbols (excluding , " ; ; ¥ & % + ' < > ?), or 64-digit hexadecimal number (0 to 9, A to F) <p>When "自動"/"OPEN"/"Shared" is selected in 認証方式</p> <ul style="list-style-type: none"> Options: <ul style="list-style-type: none"> 64-bit key: Five characters in half-width alphanumeric and half-width symbol (excluding , " ; ; ¥ & % + ' < > ?), or 10-digit hexadecimal number (0 to 9), A to F) 128-bit key: 13 characters in half-width alphanumeric and half-width symbols (excluding , " ; ; ¥ & % + ' < > ?), or 10-digit hexadecimal number (0 to 9, A to F) Default Value: 1
認証方式	<ul style="list-style-type: none"> Options: 自動, OPEN, Shared, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK Default Value: WPA-PSK/WPA2-PSK <p>When "自動"/"Shared" is selected in 認証方式</p> <ul style="list-style-type: none"> Options: WEP Default Value: WEP
暗号化方式	<p>When "Open" is selected in 認証方式</p> <ul style="list-style-type: none"> Options: NONE, WEP Default Value: WEP <p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in Authorization</p> <ul style="list-style-type: none"> Options: AES, AES+TKIP Default Value: AES+TKIP

1 For default SSID (Network Name) and Security Key (WPA Key/WEP Key), see "SSID and Security Key."

・設定

Item	Options (Range/Default Value)
国際ローミング設定：自動接続	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
画面ロック設定：パスコードロック	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
画面ロック設定：パスコード	<ul style="list-style-type: none"> Options: Four-digit number Default Value: (None)
ディスプレイ設定：画面の明るさ	<ul style="list-style-type: none"> Options: Five levels Default Value: Intermediate
ディスプレイ設定：バックライト点灯時間	<ul style="list-style-type: none"> Options: 15/30/60 seconds Default Value: 60 seconds
スリープ設定：スリープ設定	<ul style="list-style-type: none"> Options: ON, OFF Default Value: ON
スリープ設定：無線LAN機能をオフにするまでの時間	<ul style="list-style-type: none"> Options: 1/3/5/10/15 minutes Default Value: 1 minute
Wi-Fi通信規格設定	<ul style="list-style-type: none"> Options: 802.11g/n, 802.11b/g/n Default Value: 802.11g/n

WEB UI Settings (Setting Range/Default Value)

Make advanced settings for each function. For accessing WEB UI from mobile device, some items or titles are changed or omitted.

・Quick Setup

Item	Options (Range/Default Value)
SSID A	<ul style="list-style-type: none"> Options: Up to 32 characters of alphanumeric and symbols . (period), - (hyphen), _ (underline), (half-width space) Default Value: 1
Authorization method	<ul style="list-style-type: none"> Options: Auto, Open, Shared key, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK Default Value: WPA-PSK/WPA2-PSK <p>When "Auto"/"Shared key" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: WEP Default Value: WEP
Encryption method	<p>When "Open" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: NONE, WEP Default Value: WEP <p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: AES, AES+TKIP Default Value: AES+TKIP
WPA security key	<p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: From 8 to 63 characters of single-byte alphanumerics and symbols (excluding , " ; ; ¥ & % + ' < > ?), or 64 hexadecimal digits (0 to 9, A to F) Default Value: 1
WEP key 1	<p>When "Auto"/"Open"/"Shared key" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: <p>64-bit key: Five characters in half-width alphanumeric and half-width symbols (excluding , " ; ; ¥ & % + ' < > ?), or 10-digit hexadecimal number (0 to 9, A to F)</p> <p>128-bit key: 13 characters in half-width alphanumeric and half-width symbols (excluding , " ; ; ¥ & % + ' < > ?), or 26-digit hexadecimal number (0 to 9, A to F)</p> <ul style="list-style-type: none"> Default Value: 1
SSID stealth	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Disable

1 For SSID (Network Name) and Security Key (WPA Key/WEP Key) by default, see "SSID and Security Key."

· Mobile Network Setting → Mobile Network

Item	Options (Range/Default Value)
Mode for Network Search	<ul style="list-style-type: none"> Options: Auto (4G/LTE/3G) , Manual Default Value: Auto (4G/LTE/3G)
International Roaming	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Disable

· Mobile Network Setting → Profile Management

Item	Options (Range/Default Value)
Profile name	<ul style="list-style-type: none"> Options: Up to 32 characters in half-width alphanumeric and half-width symbols (excluding , " ; ¥ & % + ' < > ?)
APN	<ul style="list-style-type: none"> Options: Up to 32 characters in half-width alphanumeric and half-width symbols (excluding , " ; ¥ & % + ' < > ?)
User name	<ul style="list-style-type: none"> Options: Up to 32 characters in half-width alphanumeric and half-width symbols (excluding , " ; ¥ & % + ' < > ?)
Password	<ul style="list-style-type: none"> Options: Up to 32 characters in half-width alphanumeric and half-width symbols (excluding , " ; ¥ & % + ' < > ?)
Authorization method	<ul style="list-style-type: none"> Options: Auto, CHAP, PAP

· Mobile Network Setting → PIN Management

Item	Options (Range/Default Value)
PIN verification	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Disable
PIN code	<ul style="list-style-type: none"> Options: Four- to eight-digit numbers Default Value: (None)

1 USIM PIN is "9999" by default.

· Internet Wi-Fi → Internet Wi-Fi

Item	Options (Range/Default Value)
Internet Wi-Fi	<ul style="list-style-type: none"> Options: ON, OFF Default Value: ON
SoftBank Wi-Fi spot	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
Password	<ul style="list-style-type: none"> Options: 0000 to 9999 Default Value: (None)
Show Security Key	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Not checkmarked

1 Password is four-digit number set at subscription.

· Internet Wi-Fi → Priority Management

Item	Options (Range/Default Value)
Priority Management	<ul style="list-style-type: none"> Options: 16 (including five pre-set) Default Value: 5 (Priority change is not available)

Item	Options (Range/Default Value)
Show SSID and security key on LCD	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Checkmarked
SSID A SSID	<ul style="list-style-type: none"> Options: Up to 32 alphanumeric, . (period), - (hyphen), _ (underline), (half-width space) Default Value: ¹
Authorization method (SSID A)	<ul style="list-style-type: none"> Options: Auto, Open, Shared key, WPA-PSK, WPA2-PSK, WPA/WPA2-PSK Default Value: WPA-PSK/WPA2-PSK <p>When "Auto"/"Shared key" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: WEP Default Value: WEP
Encryption method (SSID A)	<p>When "Open" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: NONE, WEP Default Value: WEP <p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in Authorization method</p> <ul style="list-style-type: none"> Options: AES, AES+TKIP Default Value: AES+TKIP
WPA security key (SSID A)	<p>When "WPA-PSK"/"WPA2-PSK"/"WPA/WPA2-PSK" is selected in "Authorization method"</p> <ul style="list-style-type: none"> Options: From 8 to 63 characters of single-byte alphanumeric and symbols (excluding, " : ; ¥ & % + ' < > ?), or 64-digit hexadecimal number (0 to 9, A to F) Default Value: ¹ <p>When "Auto"/"Open"/"Shared key" is selected in Authorization method</p> <ul style="list-style-type: none"> Options:
WEP key 1 to 4 (SSID A)	<p>64-bit key: Five characters in half-width alphanumeric and half-width symbols (excluding, " : ; ¥ & % + ' < > ?), or 10-digit hexadecimal number (0 to 9, A to F)</p> <p>128-bit key: 13 characters in half-width alphanumeric and half-width symbols (excluding, " : ; ¥ & % + ' < > ?), or 26-digit hexadecimal number (0 to 9, A to F)</p> <ul style="list-style-type: none"> Default Value: ¹
Default key (SSID A)	<ul style="list-style-type: none"> Options: WEP key 1 to 4 Default Value: WEP key 1
Privacy Separator (SSID A)	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
SSID stealth (SSID A)	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
SSID B	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
SSID B SSID	(Same as the same item for SSID A)
Authorization method (SSID B)	(Same as the same item for SSID A)
Encryption method (SSID B)	(Same as the same item for SSID A)
WPA security key (SSID B)	(Same as the same item for SSID A)
WEP key 1 to 4 (SSID B)	(Same as the same item for SSID A)
Default Key (SSID B)	(Same as the same item for SSID A)
Privacy Separator (SSID B)	(Same as the same item for SSID A)
SSID stealth (SSID B)	(Same as the same item for SSID A)
Show password	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Not checkmarked

¹ For SSID (Network Name) and Security Key (WPA Key/WEP Key) by default, see "SSID and Security Key."

· LAN Wi-Fi → Advanced Settings

Item	Options (Range/Default Value)
Country	<ul style="list-style-type: none"> Options: Country name Default Value: JAPAN
Channel	<ul style="list-style-type: none"> Options: Auto (1-11), Auto (1-13), Channel 1 to 13 Default Value: Auto (1-11)
Communication standard	<ul style="list-style-type: none"> Options: 802.11g/n, 802.11b/g/n Default Value: 802.11g/n
Multi-SSID AP isolation	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Disable
Sleep Mode Settings	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Enable
Sleep Mode Timer (Min)	<ul style="list-style-type: none"> Options: 1, 3, 5, 10, 15 Default Value: 1
Out of service Wi-Fi Automatic Disconnection	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Disable
Frequency bandwidth	<ul style="list-style-type: none"> Options: 20MHz, 20MHz/40MHz Default Value: 20MHz

· LAN Wi-Fi → MAC Address Filtering

Item	Options (Range/Default Value)
MAC Address Filtering	<ul style="list-style-type: none"> Options: Disable, Allow, Deny Default Value: Disable
MAC Address	<ul style="list-style-type: none"> Options: MAC address (12-digit hexadecimal number) Default Value: (Not set)

· LAN Wi-Fi → DHCP

Item	Options (Range/Default Value)
IP address	<ul style="list-style-type: none"> Options: Four sets of 0 to 255 Default Value: 192.168.128.1
Subnet mask	<ul style="list-style-type: none"> Options: Four sets of 0 to 255 Default Value: 255.255.255.0
DHCP server	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Enable
Start IP address	<ul style="list-style-type: none"> Options: Four sets of 0 to 255 Default Value: 192.168.128.100
End IP address	<ul style="list-style-type: none"> Options: Four sets of 0 to 255 Default Value: 192,168,128,200
DHCP lease time (s)	<ul style="list-style-type: none"> Options: 60 to 86400 Default Value: 86400

· Router Setting → Firewall Switch

Item	Options (Range/Default Value)
Firewall	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Checkmarked
IP address filtering	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Not checkmarked
WAN port ping reply	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Not checkmarked

· Router Setting → IP Address Filtering

Item	Options (Range/Default Value)
LAN IP Address	· Options: Four sets of 0 to 255 · Default Value: Not set
LAN Port	· Options: 1 to 65535 · Default Value: Not set
WAN IP Address	· Options: Four sets of 0 to 255 · Default Value: Not set
WAN Port	· Options: 1 to 65535 · Default Value: Not set
Protocol	· Options: TCP/UDP, TCP, UDP · Default Value: Not set
Status	· Options: · Default Value: Not set
Options	OK, Cancel

· Router Setting → Portmapping

Item	Options (Range/Default Value)
Name	· Options: Up to 40 characters in half-width alphanumeric and half-width symbols (excluding , " : ; ¥ & % + ' < > ?) · Default Value: Not set
WAN Port	· Options: 1 to 65535 · Default Value: Not set
LAN IP Address	· Options: Four sets of 0 to 255 · Default Value: Not set
LAN Port	· Options: 1 to 65535 · Default Value: Not set
Protocol	· Options: TCP/UDP, TCP, UDP · Default Value: Not set
Status	· Options: ON, OFF · Default Value: Not set
Options	OK, Cancel

· Router Setting → Special Applications

Item	Options (Range/Default Value)
Name	· Options: Up to 40 characters in half-width alphanumeric and half-width symbols (excluding , " : ; ¥ & % + ' < > ?) · Default Value: Not set
Status	· Options: ON, OFF · Default Value: Not set
Trigger Port	· Options: 1 to 65535 · Default Value: Not set
Trigger Protocol	· Options: TCP/UDP, TCP, UDP · Default Value: Not set
Open protocol	· Options: TCP/UDP, TCP, UDP · Default Value: Not set
Open port	· Options: · Default Value: Not set
Options	OK, Cancel

· Router Setting → DMZ

Item	Options (Range/Default Value)
DMZ	<ul style="list-style-type: none"> Options: ON, OFF Default Value: OFF
DMZ IP address	<ul style="list-style-type: none"> Options: Four sets of 0 to 255 Default Value: 192.168.128.100

· Router Setting → SIP ALG

Item	Options (Range/Default Value)
SIP ALG	<ul style="list-style-type: none"> Options: Checkmarked (enable), Not checkmarked (disable) Default Value: Not checkmarked
SIP port	<ul style="list-style-type: none"> Options: 1 to 65535 Default Value: 5060

· Router Setting → UPnP

Item	Options (Range/Default Value)
UPnP	<ul style="list-style-type: none"> Options: Enable, Disable Default Value: Enable

· Router Setting → NAT

Item	Options (Range/Default Value)
NAT	<ul style="list-style-type: none"> Options: Cone, Symmetric Default Value: Cone

· Router Setting → Out Of Service Notification

Item	Options (Range/Default Value)
Out Of Service Notification	<ul style="list-style-type: none"> Options: Turn On, Turn Off Default Value: Turn On

· System → Device Information

Item	Options (Range/Default Value)
Device Information	Show the following information <ul style="list-style-type: none"> Device name MAIN SUB Number Hardware version Software version Firmware version Web UI version WAN IP Address IMEI

· System → Change Login Password

Item	Options (Range/Default Value)
Current password	<ul style="list-style-type: none"> Options: Up to 15 alphanumeric and symbols (excluding , " : ; ¥ & % + ' < > ?) Default Value: (None)
New password	
Confirm password	

1 Password is "admin" by default.

· System → Factory Data Reset

Item	Options (Range/Default Value)
Factory Data Reset	Restore Wi-Fi Router to defaults

· System → Reboot

Item	Options (Range/Default Value)
Reboot	Reboot Wi-Fi router

Glossary

Glossary

Terms	Description
DC-HSDPA (Dual Cell High Speed Downlink Packet Access)	An extended data reception standard, which is faster than W-CDMA used for mobile phones.
DHCP (Dynamic Host Configuration Protocol)	Function automatically assigns IP addresses to devices to be connected to the IP network and provides information necessary for connection. Settings for connection are simple, but since the assigned IP addresses change for each connection, identifying devices by IP address is not possible.
DMZ (DeMilitarized Zone)	Region isolated from the internal network via a firewall, referred to as a demilitarized zone. Since all of the ports are opened to the outside via devices that are set as DMZ host, server applications and online games do not need to be specially set to enable their use.
HSDPA (High Speed Downlink Packet Access)	An extended data reception standard, which is faster than W-CDMA used for mobile phones.
HSPA+ (High Speed Packet Access +)	An extended data transmission/reception standard, which is faster than W-CDMA used for mobile phones.
HSUPA (High Speed Uplink Packet Access)	An extended data transmission standard, which is faster than W-CDMA used in mobile phones.
LTE (Long Term Evolution)	Next generation high speed communication standard that is faster than third generation (3G) communication standard used for mobile phones.
MAC Address (Media Access Control Address)	Six-byte ID number uniquely assigned to all network devices. Generally, a MAC address is a hexadecimal and is expressed as "XX:XX:XX:XX:XX:XX."
PIN (Personal Identification Number)	Personal identification number required to use USIM Card on Wi-Fi router, Even if Wi-Fi router is lost or stolen use by others is prevented.
PUK (Personal Unblocking Key)	Key to unlock the PIN lock.
SSID (Service Set Identifier)	Name used to identify a WLAN access point. If there are several WLAN access points in the communication range, use to specify the access point to be connected.

USIM Card	Install in Wi-Fi router to use. Information such as your phone number is saved in USIM Card.
W-CDMA (Wideband-Code Division Multiple Access)	Translated as "Wideband-Code Division Multiple Access." Third-generation wireless communications system for performing broadband communications.
WEP (Wired Equivalent Privacy)	Encryption standard initially used in wireless communication. Encryption method that uses a shared key of either 5 or 13 characters is adopted.
WPA (Wi-Fi Protected Access)	Encryption standard that improves on WEP. Use pre-shared key to log in and after login, encryption keys are automatically generated to be used. Also, two encryption methods are used, AES (Advanced Encryption Standard) for long encryption keys and TKIP (temporal Key Integrity Protocol) which dynamically changes the encryption keys, for conducting more secure communications.
WPS (Wi-Fi Protected Setup)	Function for simplifying WLAN connection and security settings. Several connection methods such as push-button system and PIN code system can be used.
Firewall	System for monitoring access from an external network such as the Internet to an internal network (LAN) to prevent unauthorized intrusions.
Port Number	Number for specifying applications and services to receive data via Internet communications. Numbers 0 to 65535 can be specified. They are categorized into three: well-known port numbers that are determined to general applications (0 to 1023), registered port numbers that are used for specific applications, etc. (1024 to 49151), and dynamic/private port numbers that are freely available (49152 to 65535).
Roaming	Service which enables mobile phones to be used within the area networks of other providers based upon agreements between mobile phone providers

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 can be found in the Warranty.

! Precaution

Damages

SoftBank Mobile 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 etc. of important files. Keep a copy of important files, etc. SoftBank Mobile 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 Mobile does not accept repair requests for modified products.

Services

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

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

💡 Further Inquiry

For more information, contact SoftBank Shop or [SoftBank Customer Support](#).

Customer Service

For application or service information, call SoftBank Technical Support Center.

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)
Tokai Area: 052-388-2002 (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 Mobile Global Call Center

From outside Japan or if 301HW is lost or stolen:

+81-92-687-0025 (international charges apply, toll free from SoftBank handsets)

HUAWEI Japan Consumer Support Web Page

<http://consumer.huawei.com/jp/support/index.htm>

Safety Precautions

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Safety Precautions

Read safety precautions before using Wi-Fi router.
Observe precautions to avoid injury to self or others, or damage to property.
SoftBank Mobile is not liable for any damages resulting from use of this product.

Labels & Symbols

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

Mark	Descriptions
 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 includes: Loss of eyesight, physical injury, high temperature burns, low temperature burns, electric shock, fractures, poisoning and other conditions having side effects or requiring hospitalization or long-term treatment.
- 2 Injury includes: Physical burns, electric shock, and other conditions not requiring hospitalization or long-term treatment.
- 3 Damage to property includes: Incidental damage to structures and household property and/or to pets and livestock.

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand their meanings before reading on.

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 Charger from outlet

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

DANGER



Compulsory

Use specified Battery, AC Charger and Micro USB Cable only

Non-specified accessory use may cause Battery to leak, overheat, burst or ignite, or cause AC Charger or Micro USB Cable to overheat, ignite, malfunction, etc.



Do Not Disassemble

Do not disassemble, modify or solder.

May cause fire, injury, electric shock or malfunction. Battery may leak, overheat, burst or ignite. Modifying Wi-Fi router is prohibited by the Radio Law and subject to penalty.



Avoid Liquids Or Moisture

Keep away from water.

Do not let liquid-exposed (water, pet urine, etc.) Wi-Fi router/related hardware remain wet; do not charge wet Battery. Doing so may cause overheating, electric shock, fire, injury or malfunction. Use Wi-Fi router/related hardware properly/where appropriate.



Prohibited

Do not charge Battery or use/expose Wi-Fi router/related hardware to extreme heat (e.g. near fire or source of heat, in direct sunlight, inside vehicles on hot days, etc.). Do not charge Battery or use, leave, or be carrying Wi-Fi router in a place where heat collects, such as under a kotatsu (blanketed warming table) or electric blanket, next to a kairo (worn warming patch), etc.

May cause warping/malfunction; Battery may leak, overheat, ignite or burst. Wi-Fi router or related hardware may become too hot to touch, leading to burn injuries, etc.



Prohibited

Do not force Battery/AC Charger/Micro USB Cable into Wi-Fi router. Confirm terminal/connector orientation; retry.

Battery may leak, overheat, burst, ignite, etc.

⚠ WARNING

Prohibited

Do not put Wi-Fi router, Battery, AC Charger, Micro USB Cable in cooking appliances such as a microwave or pressure cooker or on IH cooking heaters.

May cause Battery to leak, overheat, burst or ignite or cause Wi-Fi router, AC Charger or Micro USB Cable to overheat, emit smoke, ignite or cause malfunction.



Compulsory

Keep Wi-Fi router off and do not charge Battery near gas station or places with fire/explosion risk (flammable gases (propane gas, gasoline, etc.) or fine particulates).

Wi-Fi router use near petrochemicals or other flammables may cause fire/explosion.



Prohibited

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

Battery may leak, overheat, burst, or ignite, and may result in fire, cause electric shock, malfunction, etc.



Compulsory

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

1. Grasp AC Charger/Micro USB Cable (USB plug) to unplug it.
2. Power off.
3. Remove Battery.

Continued use may cause fire, electric shock, etc.



Prohibited

Keep liquids (water, pet urine, etc.) and conductive material (pencil lead, metal parts, necklaces, hairpins, etc.) away from External Device Port.

May cause short circuit, resulting in fire, malfunction, etc.

⚠ CAUTION

Prohibited

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

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



Compulsory

Keep Wi-Fi router and related hardware out of infants' reach.

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



Compulsory

A guardian should supervise use by children and insure Wi-Fi router is used as instructed.

Failure to do so may result in injuries.

Wi-Fi Router

WARNING



Compulsory

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

May cause electronic malfunctions, etc.

*Take added care near these devices: Hearing aids, implanted cardiac pacemakers, implanted cardioverter defibrillators, other electronic medical equipment, fire detectors, automatic doors, and other automatically controlled devices or equipment.



Compulsory

Power off before boarding aircraft to avoid possible radio wave interference with aircraft operations.

If Wi-Fi router use is allowed on board, follow airline or cabin crew instructions regarding Wi-Fi router use.



Compulsory

If thunder is audible while outdoors, power off immediately and seek shelter.

Lighting strikes or electric shock may occur.



Prohibited

Do not sit on Wi-Fi router in back pants pocket.

Excessive pressures may damage Display or Battery, resulting in overheating, ignition or injury.

CAUTION



Compulsory

Do not use Wi-Fi router when it may affect a vehicle's electronic equipment.

Wi-Fi router use may affect the equipment and lead to unsafe driving.



Compulsory

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

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition. (See "[Material List](#)")



Prohibited

Keep Wi-Fi router away from magnetic cards, etc.

Data on bank card, credit card, telephone card, floppy disks, etc. may be lost.



Compulsory

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.

Battery

Check Battery type on label for use/disposal.

Mark	Battery type
Li-ion 00	Lithium-ion battery

⚠ DANGER

Prohibited

Do not dispose of Wi-Fi router in fire.

Battery may leak, burst, ignite, etc.



Prohibited

Do not damage (nail, hammer, stomp, etc.) Wi-Fi router or subject it to strong impact.

Battery may leak, overheat, burst, ignite, etc.



Prohibited

Do not contact Battery contacts with metal such as wire, etc. Do not carry or store Battery with conductive material (pencil lead, metal parts, necklaces, hairpins, etc.)

May cause Battery to leak, overheat, burst or ignite.



Compulsory

If battery fluid gets into eyes, do not rub; rinse with water and consult a doctor immediately.

May cause blindness.

⚠ WARNING

Compulsory

If battery fluid contacts skin or clothes, discontinue Wi-Fi router use and rinse with clean water immediately.

May cause skin damage.



Compulsory

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

Battery may leak, overheat, burst, ignite, etc.



Compulsory

Remove Battery and keep away from fire in case of abnormal odor, overheating, discoloring or deformation when Battery is used, charged or stored.

Continuing with abnormal condition may cause Battery to leak, overheat, burst or ignite.



Compulsory

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

Battery may leak, overheat, burst or ignite. Wi-Fi router may malfunction or cause fire.

⚠ CAUTION

Prohibited

Do not dispose of an old Battery with ordinary refuse.

Tape on contacts and dispose separately or bring it to SoftBank Shop nearby. Dispose Battery according to your municipality rules for recycling.

USIM Card

CAUTION

Prohibited

Do not apply excessive force when inserting/removing USIM Card.

May cause malfunction. Be careful not to injure your hands, fingers, etc. when removing USIM Card.



Prohibited

Do not use USIM Card other than specified card.

May cause data loss or malfunction



Prohibited

Do not touch USIM card IC part. May cause data loss or malfunction. Avoid unnecessary touch to IC part.



Prohibited

USIM Card may become hot when using Wi-Fi router; this is not a malfunction.

AC Charger and Micro USB Cable

WARNING

Prohibited

Do not cover/wrap with clothing or bedding while charging.

Heat may build up resulting in fire, malfunction, etc.



Compulsory

Use specified power supply and voltage.

May cause fire, malfunction, etc.

AC Charger : 100 V to 240 V AC (household AC outlet only)

Do not use commercially available voltage converter, as when traveling. Doing so may cause fire, electric shock or malfunction.



Compulsory

Unplug AC Charger/Micro USB Cable if you are not going to use it for long periods.

May cause electric shock, fire or malfunction.



Compulsory

If liquids (water, pet urine, etc.) seep inside AC Charger, grasp AC Charger/Micro USB Cable (USB plug) and unplug it immediately.

May cause electric shock, fire or malfunction.



Compulsory

If plug is dusty, grasp AC Charger/Micro USB Cable (USB plug) to unplug it, then clean with a dry cloth.

May cause fire.



Compulsory

When plugging AC Charger/Micro USB Cable (USB plug) into outlet/PC, keep conductive materials (pencil leads, metal parts, necklaces, hair pins, etc.) away from AC Charger plug/Micro USB Cable terminals and plug AC Charger/Micro USB Cable firmly into outlet/PC.

May cause electric shock, short circuit, fire, etc.



Do Not Use Wet Hands

Do not plug in/unplug AC Charger/Micro USB Cable with wet hands.

May cause electric shock or malfunction.



Do not touch AC Charger/Micro USB Cable if thunder is audible.

May cause electric shock, etc.



Supplied AC Charger and Micro USB Cable are dedicated charging accessories. Do not use for charging other manufacturer's product.

SoftBank Mobile Corp. is not liable for short circuit, fire, malfunction resulting from charging other manufacturer's product.

CAUTION



Grasp AC Charger/Micro USB Cable (USB plug) to unplug it before cleaning.

May cause electric shock, etc.



Always grasp AC Charger (not Micro USB Cable)/Micro USB Cable (USB plug) to disconnect it.

Not doing so may cause electric shock, fire, etc.



Do not subject AC Charger/Micro USB Cable to strong shock such as pulling while it is plugged into the outlet/PC.

May cause injury or malfunction.



Do not pull, bend with excessive force or twist Micro USB Cable.

Do not damage or modify Micro USB Cable. Do not place objects on Micro USB Cable. Do not expose Micro USB Cable to excessive heat.

May cause electric shock, overheating or fire.



Do not use AC Charger and Micro USB Cable if Power plug/Micro USB plug is damaged or the connection to outlet/PC is loose.

Wi-Fi Router Use & Electronic Medical Equipment

WARNING

This section based on "Guidelines on the Use of Radio Communications Equipment such as Cellular Telephones and Safeguards for Electronic Medical Equipment" (Electromagnetic Compatibility Conference) and "Report of Investigation of the Effects of Radio Waves on Medical equipment, etc." (Association of Radio Industries and Business, March 2001).



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

Radio waves may interfere with implanted pacemakers or defibrillators.



When using electronic 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 electronic medical equipment.



Wi-Fi router radio waves may affect electronic medical equipment. Observe these guidelines in medical institutions:

- Do not take Wi-Fi router into operating rooms, or intensive or coronary care units.
- Keep Wi-Fi router turned off in hospital wards.
- Even in lobbies or other places where Wi-Fi router use is permitted, keep Wi-Fi router off near electronic medical equipment.
- Follow medical facility rules and do not use or bring Wi-Fi router into prohibited areas.



Power off Wi-Fi router when it is difficult to keep distance from others for at least 15 cm such as in a crowd because there may be someone who is wearing an implanted pacemaker or defibrillator.

Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

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

- Keep Wi-Fi router turned off in aircraft.
May cause radio wave interference with aircraft operations. The use of portable electronic devices such as cellular phones aboard aircraft is prohibited by law and subject to penalty.
- 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 Mobile 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 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 nail, sharp or hard object, etc. forcibly. May cause scratch or damage. Touch lightly with your finger. Do not push Display with your finger or press with sharp object (nail, ballpoint pen, pin, etc.) Touchscreen may not work in the following cases. Or, they may cause false operation.
 - Operate with globes
 - Operate with nail tip
 - Operate with foreign object on Display
 - Operate with protective sheet or sticker attached
 - Operate with water drops or dew condensation on Display
 - Operate with wet or sweat 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 finger. 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 tip. May cause nail crack or injury.

Wi-Fi (Wireless LAN)

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

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

2.4DS/OF4

- 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 abroad aircraft, contact the airline beforehand.
- When using Wi-Fi in other countries, check local regulations beforehand.
- 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, or move to another location to avoid crosstalk (e.g. wall partitions, etc.).
- 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.
For security function setting procedures, see this guide or the user's manuals for the Wireless LAN devices.
 - Use Wi-Fi router with the understanding that the Wireless LAN specifications can be breached via special methods.
 - Inquire with Customer Support to consult if you are unable to configure the security settings.
 - SoftBank cannot be held liable for WLAN security issues.

Specific Absorption Rate (SAR) Information for this Product

Specific Absorption Rate (SAR) Information for this Product

This product "301HW" meets international guidelines on radio wave protection.

This product is designed to abide by permitted levels for radio wave protection as recommended by international guidelines.

These international guidelines are set forth by the World Health Organization in cooperation with the ICNIRP**, and the permitted levels provide a sufficient safety margin regardless of age and health of the user.

International guidelines define the permitted levels of exposure for radio wave protection by an averaged Specific Absorption Rate, or SAR. The SAR limit for this communication terminal is 2.0 watts/kilogram (W/kg). The highest SAR value for this product is 0.785 W/kg when used in the following prescribed manner. While there may be differences between the SAR levels of individual products, all products meet the permitted levels.

Use close to the body

To use this product close to the body, maintain a separation of 1.0 cm from the body. This will ensure this product meets international guidelines on radio wave protection*.

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."

* A method of measuring SAR when a mobile phone is used at positions other than at the ear is based on an international standard (IEC62209-2) established in March 2010 and MIC technical regulation (enactment on April 1st, 2014).

** International Commission on Non-Ionizing Radiation Protection.

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/index02.html> (Japanese)

Electromagnetic Safety

For body worn operation, this mobile phone has been tested and meets RF exposure guidelines when used with an accessory containing no metal and positioning the Wi-Fi router a minimum 10 mm from the body. Use of other accessories may not ensure compliance with RF exposure guidelines.

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 and the highest SAR value for this device when tested on the body is 0.785 W/kg*. As SAR is measured utilizing the devices highest transmitting power the actual SAR of this device while operating is typically below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum level required to reach the network.

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.

*Please see [Electromagnetic Safety](#) for important notes regarding body worn operation.

World Health Organization

<http://www.who.int/emf>

List of Specific Absorption Rates (SAR) for radio waves

<http://mb.softbank.jp/mb/support/sar/> (Japanese)

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SoftBank Mobile Corp.

Visit [SoftBank Shop](#) for assistance

Model : SoftBank 301HW

Manufacturer : HUAWEI TECHNOLOGIES CO., LTD.