801ZT User Guide

# 801ZT User Guide Contents

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# Introduction

## Before You Begin

Read "Quick Start," "Safety Precautions," and this guide thoroughly beforehand for proper usage. Accessible services may be limited by contract conditions.

#### Guide Usage Notes

Most operation descriptions are based on default settings. Unless noted otherwise, operations are basically described starting from Home Screen. Operation descriptions may be abbreviated.

#### Screenshots & Key Labels

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

#### Other Notations

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

# Operating Environment (Compatible OSes)

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

- For computer support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.
- The information for operating environment (compatible OSes) listed here is the current information as of February 2019.

| Item                               | Description   |
|------------------------------------|---|
| Compatible<br>Operating<br>Systems | Windows 7 Home Basic (32-bit or 64-bit)<br>Windows 7 Home Premium (32-bit or 64-<br>bit)  |
|                                    | Windows 7 Professional (32-bit or 64-bit) Windows 7 Ultimate (32-bit or 64-bit) Windows 8 (32-bit or 64-bit) Windows 8 Pro (32-bit or 64-bit) Windows 8.1 (32-bit or 64-bit) Windows 8.1 Pro (32-bit or 64-bit) Windows 10 Home (32-bit or 64-bit) Windows 10 Pro (32-bit or 64-bit) Mac OS X 10.5 to 10.7 (32-bit or 64-bit) Mac OS X 10.8 to 10.14 (64-bit) |
| Memory<br>Requirements             | Free memory of 64 MB or more is required. (32-bit/64-bit) (For all operating systems.)  |
| Hard Disk                          | Free disk space of 500 MB or more is  |
| Capacity                           | required. (For all operating systems.)  |
| Interface                          | USB2.0  |
| Compatible<br>Browser              | Microsoft Internet Explorer 8.0 or later Microsoft Edge 20 or later Safari 6.0 or later Mozilla Firefox 30.0 or later Google Chrome 35.0 or later Opera 21.0 or later For mobile devices: Google Chrome 11.0 or later Mozilla Firefox 3.6 or later Safari 5.2 or later Opera 11.51 or later   |

# Package Contents

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

Keep accessories in a safe place.

AC Charger is not supplied. Purchase an optional AC Charger.

- · 801ZT (Wi-Fi Router)
- · Micro USB Cable (ZEDAD1)
- ・クイックスタート (Japanese)
- ・お願いとご注意 (Japanese)
- · SSID Sticker

## Wi-Fi Name (SSID) and Password (Security Key)

When connecting to a Wi-Fi device, Wi-Fi name (SSID) and password (Security Key: WPA Key or WEP Key) are required. Confirm Wi-Fi name (SSID) and password (Security Key) as follows.



In Home Screen, ○K or ▽







[Wi-Fi name (SSID)]





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

- · Two SSIDs are set to Wi-Fi router. By default, a WPA key is set for both SSID A/SSID B.
- · For greater security, use WPA/WPA2. However, some game consoles do not support WPA/WPA2.
- · Alternatively, see SSID Sticker to check default Wi-Fi name (SSID) and password (Security Key).

#### **Getting Started**

- · Wi-Fi router is for domestic use only. Do not use it overseas.
- $\cdot$  Wi-Fi router accommodates software updates. Use the latest software.
- · Note that connection speeds may drop or connections may be disabled depending on line traffic or connection
- · To enhance security, it is recommended that a passcode for unlocking the screen be set. For details on setting a passcode, see "Setting Passcode."
- · Wi-Fi router is designed for corporate users, and allows its functionality to be regulated by administrators. Depending on how functions are regulated, settings or operations as described herein may not be available.

#### **Trademarks**

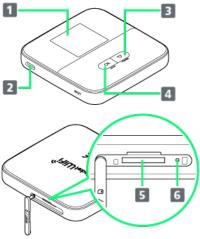
- · SoftBank, SoftBank's equivalent in Japanese and the SOFTBANK logo are registered trademarks or trademarks of SoftBank Group Corp. in Japan and other countries.
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- · Microsoft®, Windows®, Internet Explorer are trademarks or registered trademarks of Microsoft Corporation in the United States/other countries.
- Microsoft Windows Operating System is indicated in its abbreviated form as Windows.
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# Getting Started

| Parts & Functions | Ь   |
|-------------------|-----|
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| Entering Number   |     |
| USIM Card         | . 9 |
| Charging Battery  | 11  |
| Power On/Off      | 10  |

# Parts & Functions

# Front/Top/Bottom



| U                 |        |  |
|-------------------|--------|--|
| Pa                | art    | Description  |
| 1 Disp            | olay   | Wi-Fi router status appears  |
| 2 Extended Device |        | Connect Micro USB Cable and AC Charger (sold separately)   |
| 3 ▽<br>(POWE      | R) Key | Move cursor down to select an item; Press to change numbers;<br>Long press (1.5 seconds or more) to power on/off |
| 4 OH<br>(LOCK)    | _      | Select an item;<br>Long press (1.5 seconds or more) to set/<br>cancel Key Lock                                   |
| 5 USII<br>Slot    | M Card | Install USIM Card  |
| 6 Res             |        | Long press (1.5 seconds or more) with<br>a pointed object to reset settings to<br>defaults                       |

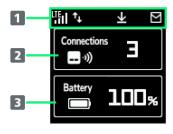
# Notes on Using Reset Button

Note the following for using Reset Button.

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

# Home Screen

# Layout



| Part                                       | Description  |
|--|--|
| 1 Status Bar                               | Status Indicators for communication status and notification appear |
| 2 Number of<br>Wireless LAN<br>Connections | Number of devices connected via wireless<br>LAN appears            |
| 3 Battery<br>Level                         | Battery level is shown in %; Battery icon appears during charging  |

# Status Indicators

| Icon                          | Description                                 |
|-------------------------------|---|
| .11                           | Mobile networks connected (signal strong)   |
| all                           | Mobile networks connected (signal weak)     |
| <u>ăul</u>                    | Out of service area/USIM Card not installed |
| <u></u>                       | Wi-Fi Spot connected (signal strong)        |
| ্ল                            | Wi-Fi Spot connected (signal weak)          |
| 46                            | 4G network connected                        |
| III:                          | LTE network connected                       |
| 316                           | 3G network connected                        |
| 1                             | Internet connected                          |
| $\overline{\mathbf{\Lambda}}$ | Software update notification                |
| <u></u>                       | Unread notifications                        |

## Display Off/Sleep Mode

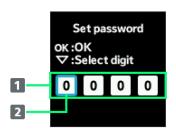
- · If no operation is performed on Wi-Fi router for a certain period of time, Display turns off automatically. Press  $\bigcirc$  or  $\bigcirc$  to release Sleep mode.
- · When Wi-Fi router is not connected to any WLAN devices and no operations are performed for a certain period of time or Wi-Fi router is not charged, Display turns off and Wi-Fi router goes into Sleep mode to save power (time before going into Sleep mode is set to five minutes by default).
- $\cdot$  In Sleep mode, WLAN is off.
- Press OK or v to turn Display on and release Sleep mode. After Sleep mode is released, WLAN function is on 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 WEB UI. For details, see "LAN Wi-Fi Advanced Settings."

# **Entering Number**

Wi-Fi router has two types of number entry window.

# Number Entry Window (Entering Passcode Etc.)

Use number entry window shown below for entering passcode, login password, etc.



| Item        | Description         |
|-------------|---------------------|
| 1 Entry box | Number entry        |
| 2 Cursor    | Show entry position |

# Entering Number (Entering Passcode Etc.)

1



- A number is entered.
- · Press  $\bigcirc$  to change numbers.

2

(OK

- The number is fixed and cursor moves to right.
- $\dot{}$  To go back to left, press  $\boxed{\nabla}$  until  $\ \mbox{$\leftrightarrows$}$  appears, and press  $\boxed{\text{OK}}$  .

3

Use same operation to enter numbers 
When entry completes, 
OK



Number entry window closes.

# Number Entry Window (Entering PIN Code Etc.)

Use numeric keyboard for entering PIN, PIN Unblocking Key (PUK), etc.



| Item        | Description          |
|-------------|----------------------|
| 1 Entry Box | Number entry         |
| 2 Cursor    | Show cursor position |
| 3 Del       | Delete number        |
| 4 Keyboard  | Entry key            |
| <b>5</b> OK | Fix number entry     |

# Entering Number (Entering PIN Etc.)

1

Please input PIN:

1 2 3 4
5 6 7 8

Del

OK

9

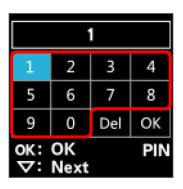
A number is selected.

0

· Press  $\bigcirc$  to move cursor.

2

Select number 🔵 OK



Selected number is shown in Entry Box.

· To delete number, select Del .

3

Use same operation to enter numbers 
When entry completes,



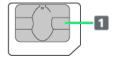
Number entry window closes.

#### **USIM** Card

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

## Handling USIM Card

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



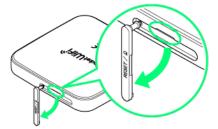
1 IC chip

# Installing USIM Card

Be sure to power off to perform the following steps.



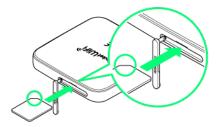
Open USIM Card Slot cover with Display side facing down



- $\cdot$  Use notch ( $\bigcirc$ ) to open USIM Card Slot cover.
- $\cdot$  Be careful not to hurt your fingernail.



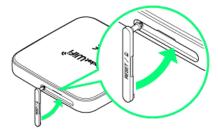
Insert USIM Card with IC side down until it clicks



- $\cdot$  Confirm the orientation of corner notch.
- $\cdot$  Do not touch or scratch IC chip when installing USIM Card.



Close USIM Card Slot cover



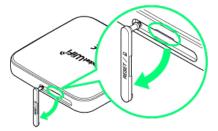
USIM Card installation is complete.

# Removing USIM Card

Be sure to power off to perform the following steps.



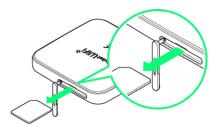
Open USIM Card Slot cover with Display side facing down



- $\cdot$  Use notch ( $\bigcirc$ ) to open USIM Card Slot cover.
- $\cdot$  Be careful not to hurt your fingernail.



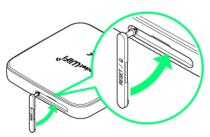
Push USIM Card and release slowly, and then remove USIM Card



· Do not touch or scratch IC chip when removing USIM Card.



Close USIM Card Slot cover



USIM Card removal is complete.

# **Charging Battery**

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

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

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

# Charging

#### **Charging Conditions**

Under low temperatures charging performance decreases. Charge in temperatures between  $5^{\circ}\text{C}$  -  $35^{\circ}\text{C}$ . In addition, do not charge in a very humid place.

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

#### Use Supplied Accessories

Always use supplied Micro USB Cable or AC Charger (sold separately).

## Wi-Fi Router and AC Charger (sold separately) Becoming Warm/Hot

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

#### Precaution for Extended Use

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

#### Internal Battery Protection

Charging stops by internal battery protection function when charged for a long time.

In this case, recharge after a while.

#### 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 ○K or ▽ to show Animation and battery level.

#### Using USB (Computer)

Use supplied Micro USB Cable.

 $\cdot$  Make sure to power on computer before charging.

 Depending on computer connection environment, charging may fail.



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



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



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



Check battery level on Display.

# Charging with Computer

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

# Using AC Charger (Sold Separately)

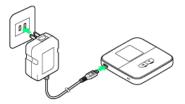
Charge using separately-sold AC adapter (microUSB 1.0A) [ZSDBA6]<sup>1</sup> or AC adapter (microUSB Quick Charge<sup>TM</sup> 2.0 compatible) [ZSDBA4]<sup>2</sup>.

This section describes charging method using AC Charger (microUSB 1.0A) [ZSDBA 6].

- 1 SoftBank SELECTION Micro USB recharging AC Charger 1.0A for smartphones [SB-AC13-HDMU]
- 2 SoftBank SELECTION AC Charger for smartphones with Qualcomm® Quick Charge™ 2.0 capability [SB-AC12-HDQC]
- $\cdot$  See AC Charger (sold separately) user guide.
- Do not connect Micro USB plug when Wi-Fi router or AC Charger (sold separately) is wet.



Insert AC Charger (sold separately) Micro USB plug into External Device Port and power plug to AC outlet



2

When complete, unplug AC Charger (sold separately)



Mark battery level on Display.

# Power On/Off

Power On



Long press  $\bigcirc$  (1.5 seconds or more)



🧭 接続方法 (Connection Method) Screen appears.

2

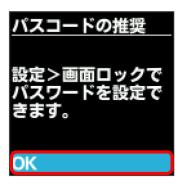
OK



| パスコードの推奨 (Passcode Recommendation) Screen appears.

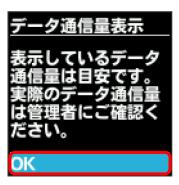
3

OK



🏁 データ通信量表示 (Data Traffic Volume) Screen appears.

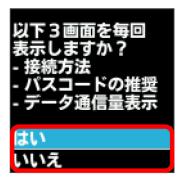
OK)



Screen for screen confirmation appears.

5

はい (Yes)/ いいえ (No)



- Home Screen appears, WLAN is ON, and connects to the Internet automatically.
- · When Wi-Fi router connects to the Internet, (Internet connected) lights.
- $^{\cdot}$  To omit confirmation screen on the startup, select [0.003].
- When PIN verification is set to USIM, PIN entry screen appears after powering on. See "PIN Verification (Wi-Fi Router)" or "PIN Verification (WEB UI)" to enter PIN. For PIN verification settings, see "PIN Verification."

Power Off

1

Long press  $\bigcirc$  (1.5 seconds or more)



2

Yes

Quick boot is set to ON, startup is fast but consumes battery even after power OFF. Shut down your device?

Yes
No

Power is off.

# Connecting with WLAN

| WLAN (WI-FI)1                           | Ю |
|---|---|
| Activating WLAN (Wi-Fi) Function1       | 6 |
| Connecting Windows PC1                  |   |
| Connecting Mac2                         | 0 |
| Connecting Android™ Devices2            |   |
| Connecting iPhone/iPod touch/iPad2      | 2 |
| Connecting WPS Supported WLAN Devices 2 |   |

# WLAN (Wi-Fi)

# WLAN (Wi-Fi)

#### **Advanced Settings**

Change WLAN settings as required. For details, see "Setting LAN Wi-Fi."

#### Simultaneous Connection

Use Wi-Fi router to connect up to 10 WLAN devices simultaneously.

In addition, wireless LAN and USB connections can be simultaneously used, in that case the maximum number of wireless LAN connections is 10 devices, and one USB connection which totals 11 devices.

# Automatic Updates for Optimizing Wi-Fi Connection

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

# Cautions for WLAN Usage

#### Security

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

#### Communication Speed

When Wi-Fi Spot or Multi-SSID functions are on, maximum communication speed may be lowered depending on the number of WLAN devices connected to Wi-Fi router, etc.

#### Overview

Wi-Fi router supports IEEE802.11b/g/n standards. Connect WLAN devices (computer etc.) via WLAN for wireless data transfers.

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

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

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

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

# Activating WLAN (Wi-Fi) Function

Power on to connect to the Internet automatically.

# Connecting to 4G/LTE/3G



Long press (1.5 seconds or more)



Home Screen appears, WLAN is ON, and connects to the Internet automatically.

- · When Wi-Fi router connects to the Internet, (Internet connected) lights.
- $^{\circ}$  In Sleep mode, WLAN is off. Press  $\bigcirc \mathsf{K}$  or  $\boxed{\nabla}$  to release Sleep mode and activate WLAN.

# Connecting Windows PC

Connect a Windows PC to connect to the Internet.

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

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

Default Wi-Fi name starts with the letters and numbers "801ZTa-" or "801ZTb-."

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

Do not connect to other neighboring WLAN network.

## Windows 10

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



Long press (1.5 seconds or more)



- Mome Screen appears, WLAN is ON, and connects to the Internet automatically.
- · When Wi-Fi router connects to the Internet, (Internet connected) lights.



Activate PC WLAN function

 $\cdot$  Method for enabling PC WLAN varies by model. Contact PC manufacturer.



In task tray, click 🍖



"Network settings" appears.



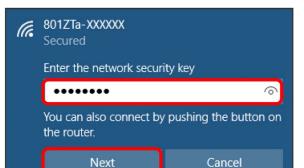
Select Wi-Fi router's Wi-Fi name 
Connect



 $\cdot$  When Wi-Fi name is not shown, press  $\bigcirc$ K or  $\bigcirc$ V to exit Sleep mode.



Enter Wi-Fi router password (Security Key) 
Next



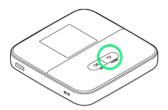
- WLAN connection counter number on Home Screen increases by one.
- · Confirmation message for sharing PC may appear. For sharing PC, see Windows Help.

# Windows 8.1

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



Long press  $\bigcirc$  (1.5 seconds or more)



Home Screen appears, WLAN is ON, and connects to the Internet automatically.

· When Wi-Fi router connects to the Internet, 1 (Internet connected) lights.



#### Activate PC WLAN function

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



Move Pointer to upper right or lower right (For touchscreen, Swipe from right end) → Charm 🗢 → 📶



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



Sleep mode.



Enter Wi-Fi router password (Security Key) 🔵 Next







WLAN connection counter number on Home Screen increases by one.

 $\cdot$  Confirmation message for sharing PC may appear. For sharing PC, see Windows Help.

# Windows 7

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Windows 7.



Long press  $\bigcirc$  (1.5 seconds or more)



- Home Screen appears, WLAN is ON, and connects to the Internet automatically.
- · When Wi-Fi router connects to the Internet, 1 (Internet connected) lights.



#### Activate PC WLAN function

 $\cdot$  Method for enabling PC WLAN varies by model. Contact PC manufacturer.



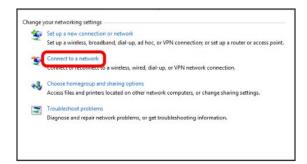






4

#### Connect to a network



5

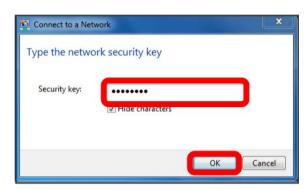
Select Wi-Fi router's Wi-Fi name → Connect



6

Enter Wi-Fi router password (Security Key) 

OK



- WLAN connection counter number on Home Screen increases by one.
- · Confirmation message for sharing PC may appear. For sharing PC, see Windows Help.

# Connecting Mac

Connect a Mac to connect to the Internet.

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

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

Default Wi-Fi name starts with the letters and numbers "801ZTa-" or "801ZTb-."

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

Do not connect to other neighboring WLAN network.

## Mac

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Mac OS X 10.14.



Long press (1.5 seconds or more)



- Home Screen appears, WLAN is ON, and connects to the Internet automatically.
- When Wi-Fi router connects to the Internet, 1 (Internet connected) lights.

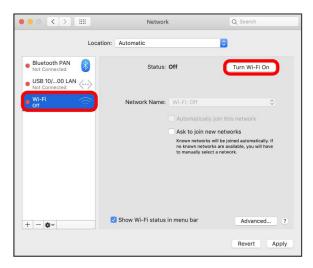


In Apple menu, System Preferences... → Network



3

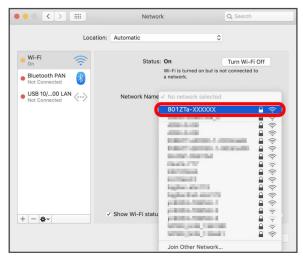
(Wi-Fi) 🔵 (Turn Wi-Fi On



WLAN function on Mac is enabled.

4

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



5

Enter Wi-Fi router password (Security Key) Olick "Remember this network" Ujoin



WLAN connection counter number on Home Screen increases by one.

# Connecting Android™ Devices

Connect an Android™ device to connect to the Internet.

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

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

Default Wi-Fi name starts with the letters and numbers "801ZTa-" or "801ZTb-."

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

Do not connect to other neighboring WLAN network.

## Android™ Device

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on Android™ 9. Some operations and screenshots vary by security method. Operation steps vary by Android™ device. For details, refer to Android™ device user guide.



Long press (1.5 seconds or more)



- Mome Screen appears, WLAN is ON, and connects to the Internet automatically.
- · When Wi-Fi router connects to the Internet, 1 (Internet connected) lights.

2

Activate Android™ device 🔷 In menu, Settings 🔷 Wi-Fi



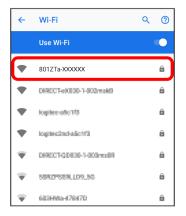




Turn on Wi-Fi

WLAN function on Android™ device is enabled.

Tap Wi-Fi router's Wi-Fi name



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



Enter Wi-Fi router password (Security Key) 🔵 Connect







WLAN connection counter number on Home Screen increases by one.

# Connecting iPhone/iPod touch/iPad

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

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

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

Default Wi-Fi name starts with the letters and numbers "801ZTa-" or "801ZTb-."

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

Do not connect to other neighboring WLAN network.

# iPhone/iPod touch

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on iPhone with iOS 12.



Long press (1.5 seconds or more)



- Home Screen appears, WLAN is ON, and connects to the Internet automatically.
- When Wi-Fi router connects to the Internet, 1 (Internet connected) lights.



Settings 🔵 [Wi-Fi]





Turn on Wi-Fi



WLAN function on iPhone/iPod touch is enabled.



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



· When Wi-Fi name is not shown, press  $\bigcirc K$  or  $\bigcirc V$  to exit Sleep mode.

Enter Wi-Fi router password (Security Key) 🗦 Join



WLAN connection counter number on Home Screen increases by one.

# iPad

This section describes setup operations with screenshots and steps for Wi-Fi (SSID A) at WPA security setting on iPad with iOS 12.



Long press  $\bigcirc$  (1.5 seconds or more)



- Home Screen appears, WLAN is ON, and connects to the Internet automatically.
- · When Wi-Fi router connects to the Internet, to (Internet connected) lights.









Turn on Wi-Fi



WLAN function on iPad is enabled.

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



5

Enter Wi-Fi router password (Security Key) 

Connect





WLAN connection counter number on Home Screen increases by one.

# Connecting WPS Supported WLAN **Devices**

Precautions for Using WPS Function

#### SSID Stealth

When SSID stealth is activated, WPS is unavailable. For SSID stealth, see "LAN Wi-Fi Basic Settings (SSID A)."

#### Security Method

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

## WPS Supported WLAN Device



Long press (1.5 seconds or more)



Home Screen appears, WLAN is ON, and connects to the Internet automatically.

· 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

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



In Home Screen,  $\bigcirc K$  or  $\bigcirc \bigcirc \bigcirc \bigcirc$  WPS



Connect to LAN Wi-Fi



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

5

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

#### Back

WPS connection is in progress. Please press the WPS button to connect a terminal device within 120 seconds. Time out: 119 seconds

6

Confirm WPS is connected.



 $\cdot$  When "WPS connection failed." appears, Tap  $\ \ \,$  OK , then retry from step  $\ \ \,$  4  $\ \ \,$  .



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

WLAN connection counter number on Home Screen increases by one.

# Connecting with Micro USB Cable (Windows)

| Device Recognition/Rer  | moval o | n Windows  | PC | 28 |
|-------------------------|---------|------------|----|----|
| Installing/Uninstalling | Driver  | (Windows). |    | 29 |

# Device Recognition/Removal on Windows PC

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

# Device Recognition (Windows)

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



Power on PC



Insert Micro USB Cable into Wi-Fi router External Device Port, and USB plug into PC



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

# Device Removal (Windows)

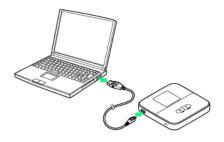
Complete any data uploads/downloads, etc. before removing Wi-Fi router.



Check that any data uploading/downloading is completed



Remove Wi-Fi router



Removal is complete.

# Cautions for Removing Wi-Fi Router

#### Standby/Hibernation

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

#### WEB UI

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

# Installing/Uninstalling Driver (Windows)

# Cautions for Installation

#### Removal of Wi-Fi Router

Do not remove Wi-Fi router during installation. May cause installation failure, system malfunction or other system errors.

# Administrator Privileges

Log in to an account with administrator privileges.

## Installation and Uninstallation

Upon connecting the first time, the device driver on PC is installed automatically. Manual installation/uninstallation is not required.

# Network Setting

When Wi-Fi router is connected to a computer for the first time, set whether to share the computer on network (Home/Work/Public etc.).

Click network icon on taskbar Click connected network Click network on Ethernet screen Follow the onscreen instructions to configure network profile.

 $\cdot$  When a popup screen appears after connecting Wi-Fi router to computer, follow the onscreen instructions.

# Connecting with Micro USB Cable (Mac)

| Device Re   | cognition/Rer | noval on  | Mac  | 32 |
|-------------|---------------|-----------|------|----|
| Installing, | Uninstalling  | Driver (I | Mac) | 33 |

# Device Recognition/Removal on Mac

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

# Notes on Removal

#### Before Entering Sleep Mode

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

#### WEB UI

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

# Device Recognition (Mac)

1

Power on Mac



Insert Micro USB Cable into Wi-Fi router External Device Port, and USB plug into Mac



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

# Device Removal (Mac)

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



Check that any data uploading/downloading is completed



Remove Wi-Fi router from Mac



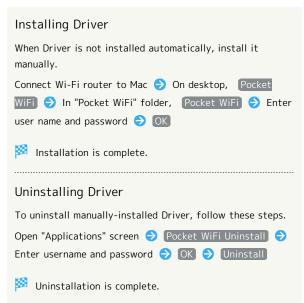
Removal is complete.

# Installing/Uninstalling Driver (Mac)

# Installation and Uninstallation

Upon connecting the first time, the device driver on Mac is installed automatically. Manual installation/uninstallation is not required.

- · When Wi-Fi router is connected to Mac, "Pocket WiFi" icon appears on desktop (no operation needed).
- When Driver is Not Installed Automatically



## Settings (Using Wi-Fi Router Menu)

| Showing/Setting Data Usage        | 36 |
|-----------------------------------|----|
| Setting Wi-Fi Spot                | 38 |
| Confirm Information               | 39 |
| Using WPS                         | 39 |
| Other Settings                    | 41 |
| Checking Wi-Fi Router Information | 46 |
| Checking Phone Number             | 47 |

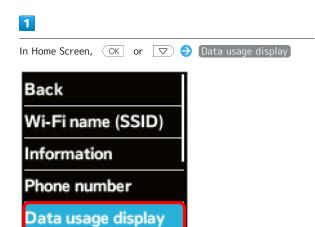
### Showing/Setting Data Usage

Set to show/hide data traffic volume for mobile network. Also, set maximum traffic, reset shown data traffic, etc. Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact administrator or Business Call Center.

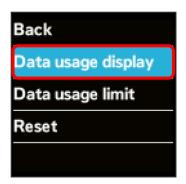
Data traffic does not include Wi-Fi Spot function.

### Showing Data Traffic on Home Screen

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



Data usage display



3



4



The displayed data usage is approximate only. Please check with your administrator for actual data usage.



Settings are modified.

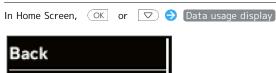
· Data traffic volume appears with three-digit numbers with decimal places rounded off.

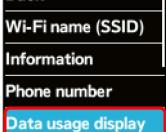
#### Setting Maximum Traffic

Set monthly data traffic volume. When data traffic volume exceeds the set volume, Notification on Home Screen appears.

- When data traffic volume is shown on Home Screen and data traffic volume exceeds the maximum volume set in Data usage limit, indicator of data traffic changes from (white) to (red).
- · Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.







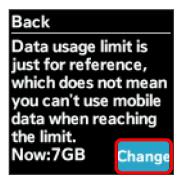
2

Data usage limit



3

Change



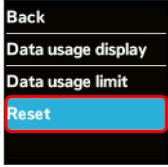
4

Enter number for maximum traffic

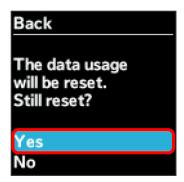


- Maximum traffic is set.
- For entering number, see "Entering Number (Entering Passcode Etc.)."
- Enter value number between 1 and 999. Select a unit GB or MB .









Data traffic is reset.

### Setting Wi-Fi Spot

Wi-Fi router connects to the Internet via SoftBank Wi-Fi Spots etc. This Internet connection is called Wi-Fi Spot.

### Setting Up SoftBank Wi-Fi Spot

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

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



4

ON)



3

Enter four-digit login password



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

• For entering number, see "Entering Number (Entering Passcode Etc.)."

### Confirm Information

Appears on Home Screen when Wi-Fi router receives new Information.

### Confirming Information

1

In Home Screen,  $\bigcirc K$  or  $\bigcirc \bigcirc \bigcirc$  Information



2

Select information to confirm



Information is shown.

## Using WPS

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

### Connecting WLAN Device

Connect WPS supported WLAN devices.

1

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.

2

In Home Screen, OK or ▽ → WPS



3

Connect to LAN Wi-Fi



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

4

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

#### Back

WPS connection is in progress. Please press the WPS button to connect a terminal device within 120 seconds. Time out: 119 seconds



Confirm WPS is connected.



· When "WPS connection failed." appears, Tap OK , then retry from step 3.

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

WLAN connection counter number on Home Screen increases by one.

### Precautions for Using WPS Function

#### SSID Stealth

When SSID stealth is activated, WPS is unavailable. For SSID stealth, see "LAN Wi-Fi Basic Settings (SSID A)."

#### Security Method

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

### Connecting to the Access Point

Connect WPS supported access point.

· Enable Wi-Fi Spot in advance. For Wi-Fi Spot, see "Enabling Wi-Fi Spot."



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

In Home Screen,  $\bigcirc K$  or  $\bigcirc \bigcirc \bigcirc \bigcirc$  WPS











Connect to Wi-Fi Spot



🯁 Wi-Fi-router is on standby to accept access point device connection.



While following window appears (within 120 seconds), set up WPS connection on access point device

#### Back

WPS connection is in progress. Please press the WPS button to connect a terminal device within 120 seconds. Time out: 119 seconds Confirm WPS is connected.



· When "WPS connection failed." appears, Tap OK, then retry from step 3.

6

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

₩ Wi-Fi router connects to access point.

### Other Settings

Make settings including passcode, Power-save mode, etc.

Key Lock

Lock OK / ▽ keys.

1

In Home Screen, OK or ▽ → Settings



2

Key lock



3

ON

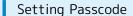
Back
If this is set to ON,
the key operation will
be invalid. During
key locking, you can
cancel by pressing
and holding "OK" key.
ON

Key lock is set.

 $^{\circ}$  Long press  $\bigcirc \text{K}$  (1.5 seconds or more) to cancel Key lock.

Setting Key Lock

Long press OK (1.5 seconds or more) to set Key lock.



Set passcode entry for unlocking the screen.



In Home Screen, OK or ▽ → Settings



2

Screen lock



3

(ON)





Enter four-digit passcode



• For entering number, see "Entering Number (Entering Passcode Etc.)."



Re-enter four-digit passcode



- Unlocking passcode is set and the screen is locked.
- If re-entered passcode is different from the first one entered, message appears indicating that it does not match.
   Select OK, then retry from passcode entry.
- When passcode is set, passcode entry screen appears when
   OK or is pressed on Home Screen. For unlocking by entering passcode, see "Entering Passcode to Unlock."
- $\cdot$  To change the set passcode, turn off Screen lock and turn it on again, then set a new passcode.

### Entering Passcode to Unlock

1

Enter four-digit passcode in Input password screen.



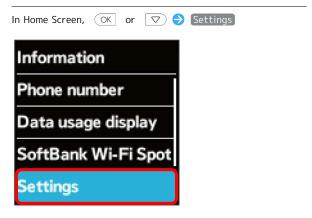
- Lock is canceled.
- $\cdot$  If passcode is incorrect, an error message appears. Select  $\boxed{\mbox{OK}}$  , then re-enter passcode.
- · If you forget passcode, reset Wi-Fi router to cancel Screen lock. To reset Wi-Fi router, see "Resetting Wi-Fi Router." By resetting, note that all Wi-Fi router settings return to their default state.

#### Using Power-Save Mode

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

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





2

Power-save mode



3

ON)



Power-save mode is enabled.



2

Software updates



3

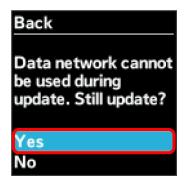
Check for updates



4

Confirm message 

Yes



Wi-Fi router checks the latest software. When the latest software is available, software is updated.

 $\cdot$  When current software is the latest, "the version is up to date." appears.

### Software Update

Packet communication charges are not applied for software update.

While software is updated, other functions are disabled.

### Checking WEB UI

Access setting page (WEB UI) on web browser to make detailed settings. Check URL for WEB UI and Login password etc.

1

In Home Screen, OK or ▽ → Settings









2

Detailed setup



- URL and QR code for WEB UI and Login password are shown.
- $\cdot$  Read QR code by a smartphone etc. to access WEB UI from web browser of the smartphone.

#### Setting Language

Select Japanese/English/Chinese for language shown on Display.

1

In Home Screen, ○K or ▽ → Settings









2

[Language]



Select Language



Language is set.

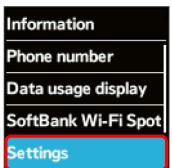
### Setting Quick Boot

Enable Quick boot to shorten boot time.

 $\cdot$  Set to ON by default. When Quick boot is ON, It consumes a small amount of battery even when the power is off.







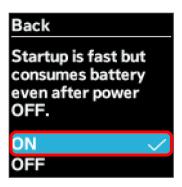
2

#### Quick boot



3

### [ON]



"Quick boot" is enabled.

## Checking Wi-Fi Router Information

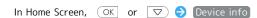
Check Wi-Fi router status such as software version and certification.

### Checking Wi-Fi Router Information

Check the following information.

| Item                | Description   |
|---------------------|---|
| Carrier name        | Carrier name of USIM Card                             |
| IMEI                | Serial number   |
| Software<br>version | Software version                                      |
| Model name          | Product name (801ZT)                                  |
| Certificate         | Various standards for which Wi-Fi router is certified |







Information appears.



# Settings (Using WEB UI)

| Overview of WEB UI                  | 50  |
|-------------------------------------|-----|
| WEB UI Window on Computer           | 53  |
| Setting LAN Wi-Fi                   | 57  |
| Checking Connected WLAN Devices     | 78  |
| Showing/Setting Data Usage          | 81  |
| Setting Mobile Network              | 84  |
| Device Settings                     | 95  |
| Advanced Settings                   | 103 |
| Checking Notifications              | 122 |
| Showing Device Information          | 126 |
| Showing Support Information         | 128 |
| Setting from Mobile Device          | 129 |
| Setting Wi-Fi                       | 134 |
| Showing/Setting Data Usage          | 145 |
| Setting Wi-Fi Spot                  | 156 |
| Setting Mobile Network              | 163 |
| Changing Login Password for WEB Ul  | 167 |
| Setting Power Save Mode             | 172 |
| Setting Software Update             | 176 |
| Checking Information                | 184 |
| Checking Wi-Fi Router Information   | 189 |
| Chacking Support from Mobile Device | 101 |

### Overview of WEB UI

Use the WEB UI in a browser to check information and change settings for Wi-Fi router, from a computer or mobile device connected via a WLAN or Micro USB Cable.

For supported browsers, see "Operating Environment (Compatible OSes)."

## Activating WEB UI on Computer

Screen shots and steps described here are for computer (Windows 10) compatible with WEB UI.



Confirm that computer and Wi-Fi router are connected via WLAN or USB Cable

· For WLAN connection with computer, see "Connecting with WLAN," and for USB connection, see "Connecting with Micro USB Cable (Windows)," "Connecting with Micro USB Cable (Mac)."



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

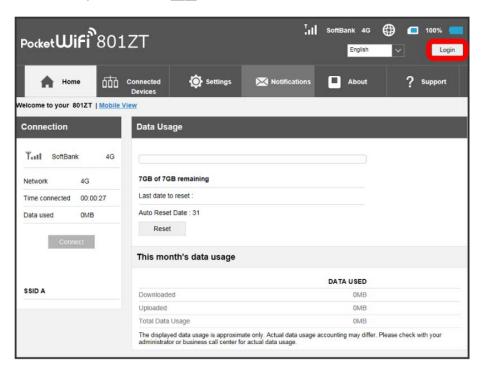


· Select English from Language list.

### Logging into WEB UI on Computer

1

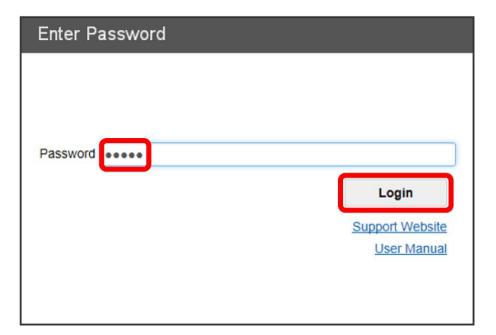
WEB UI Home Page ("Home" tab) Login



Login window opens.

2

Enter Login password 🔵 Login



- 🏁 "Logout" button appears at top right of screen, then logging in is completed.
- · 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 following for WEB UI login.

- · While operating Wi-Fi router, login to WEB UI is not available. After Wi-Fi router goes back to Home Screen, then login to WEB UI.
- $\cdot$  Login to WEB UI from two or more devices simultaneously is not available.

By default, connecting to WEB UI is not available from Wi-Fi name (SSID B). To connect to WEB UI from Wi-Fi name (SSID B):

"Settings" tab Turn "Multi SSID" to ON Save Changes (Checkmark Allow the clients with SSID B access to the Web UI

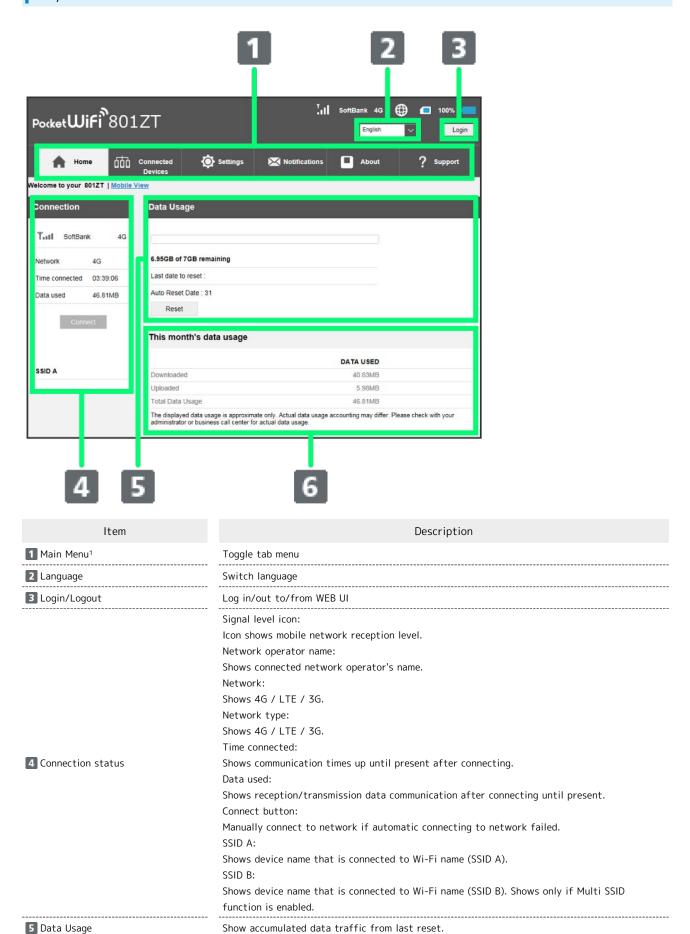
· When five minutes passes with no operation on WEB UI, you are logged out automatically, and entered information is deleted.

#### Changing Settings via WLAN Connection

Changing Wi-Fi Spot setting, LAN Wi-Fi setting on WEB UI from device connected via WLAN may disconnect WLAN connection. When disconnected, reload web browser to reconnect.

## WEB UI Window on Computer

#### Layout of Home Tab

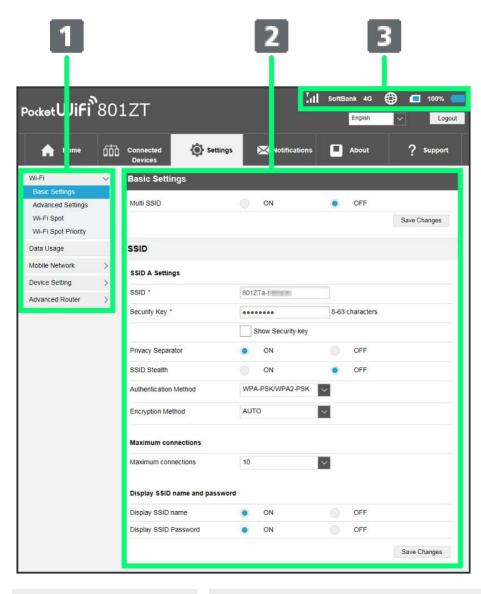


6 This month's data usage:

Show data usage of upload/download etc. after reset.

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

### Layout of Settings Tab



| Item           | Description  |
|----------------|--|
| 1 Menu List    | Show Submenus; click option to toggle setting page |
| 2 Setting Page | Information/Setting for each function              |

Mobile network signal level

(Strong) (Weak) (Out of Service Area)

Wi-Fi Spot signal level

(Strong) (Weak)

Network type

4G: 4G connected

III: LTE connected

3G: 3G connected

Network status:

②: Starting Internet connection

(1): Connected to the Internet

👄 : Downloading data

👄 : Uploading data

: Data communications are in progress (uploading and downloading data)

📉: Not connected to Internet

Software update:

숱 : Detected updatable software

Notifications:

☑: There are unread notifications.

USIM Card:

: USIM Card is inserted.

■ : USIM Card is not inserted.

Battery level (%, icon):

(High)⇒ (Low)

: Charging

3 Status Icon

## Setting LAN Wi-Fi

Connect to PCs, smartphones, 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 the Internet using Wi-Fi Spot function of Wi-Fi router.

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

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

### Note on Changing LAN Wi-Fi Settings

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

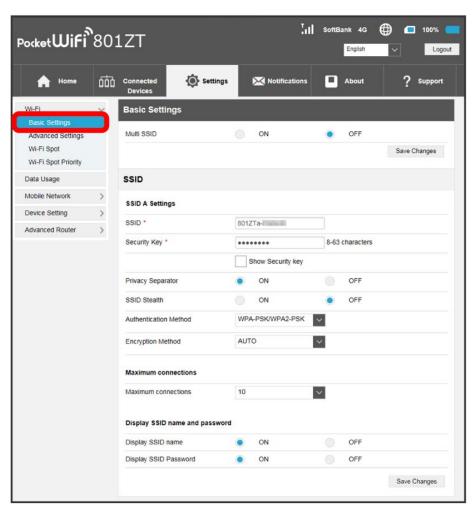
### LAN Wi-Fi Basic Settings (SSID A)

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

| Item                  | Description   |
|-----------------------|---|
| Multi SSID            | Set whether to enable Wi-Fi name (SSID B)   |
| SSID                  | Set Wi-Fi name (Network name) that is shown on WLAN devices   |
| Security Key          | Appears when "WPA2-PSK" or "WPA-PSK/WPA2-PSK" is selected in "Authorization Method;" enter password (Security Key)  |
| Privacy Separator     | Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID A)   |
| SSID Stealth          | Set whether to send Wi-Fi name of Wi-Fi router  |
| Authentication Method | Set authorization method  |
| Encryption Method     | Set encryption method   |
| Default Key           | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" one to four keys are selectable        |
| Key                   | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" input the selected default key WEP key |
| Maximum connections   | Set the number of connectable devices to Wi-Fi router   |
| Display SSID name     | Set whether to make "Wi-Fi name (SSID)" selectable on Wi-Fi router  |
| Display SSID Password | Set whether to show Security Key when "Wi-Fi name (SSID)" is selected on Wi-Fi router   |

1

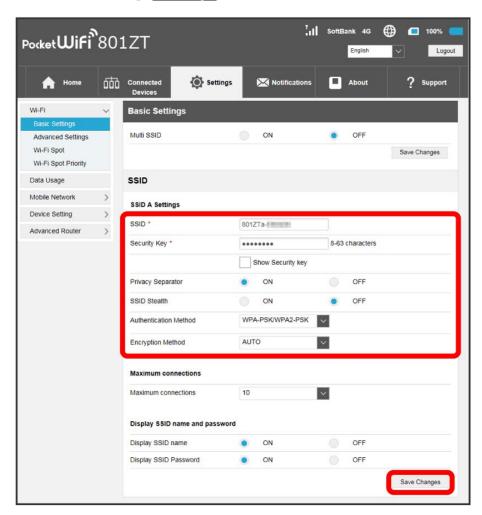
"Settings" tab ♦ Wi-Fi ♦ Basic Settings



Wi-Fi Basic Settings screen appears.

Set each item for SSID A 

Save Changes



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

### Enabling Multi SSID Function (SSID B)

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

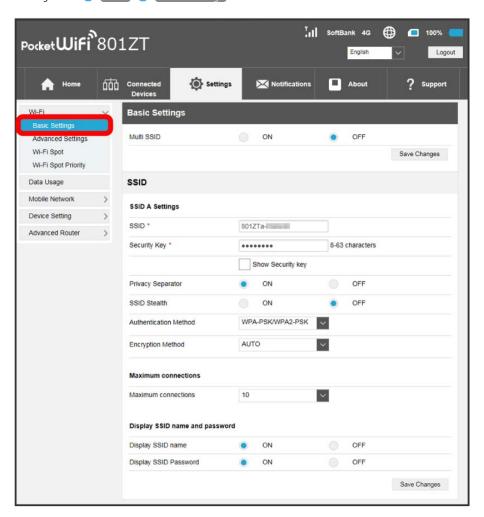
- · To use Wi-Fi name (SSID B), turn off Wi-Fi Spot function. Connect to the Internet via mobile network.
- $\cdot$  When Multi SSID is enabled, connect to Wi-Fi name (SSID A) and Wi-Fi name (SSID B) up to 5 devices each.
- $\cdot$  When Multi-SSID is enabled, communication speed may decrease depending on number of WLAN devices connected.

Setting items are as follows:

| Item   | Description   |
|--|---|
| Multi SSID Isolation                               | Set whether to permit interactive communication between SSID A and SSID B connected devices   |
| Allow the clients with SSID B access to the Web UI | Set whether to permit WEB UI access to SSID B users   |
| SSID   | Set Wi-Fi name (Network name) that is shown on WLAN devices   |
| Security Key                                       | Appears when "WPA2-PSK" or "WPA-PSK/WPA2-PSK" is selected in "Authorization Method;" enter password (Security Key)  |
| Privacy Separator                                  | Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID B)   |
| SSID Stealth                                       | Set whether to send Wi-Fi router SSID   |
| Authentication Method                              | Set authorization method  |
| Encryption Method                                  | Set encryption method   |
| Default Key  | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" one to four keys are selectable        |
| Key  | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" input the selected default key WEP key |

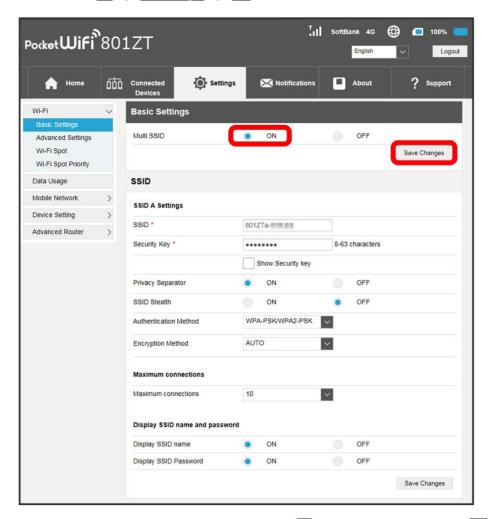


"Settings" tab  $\bigcirc$  Wi-Fi  $\bigcirc$  Basic Settings



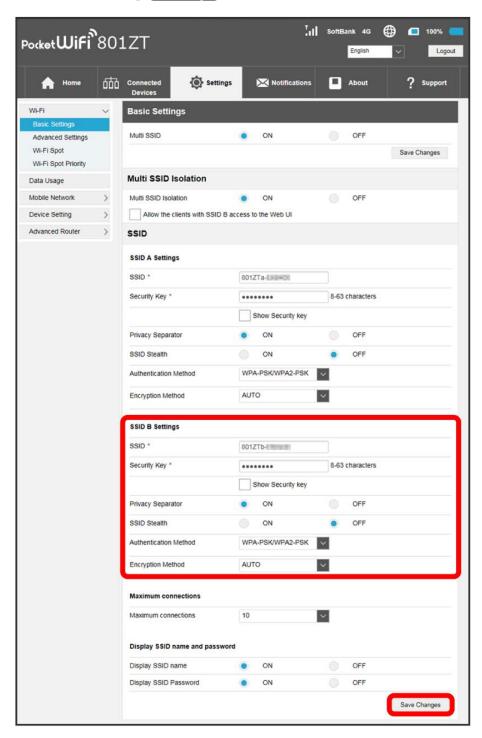
Wi-Fi Basic Settings screen appears.





<sup>&#</sup>x27; Information screen appears when setting "Multi SSID" to ON with Wi-Fi Spot enabled. Click Yes to disable Wi-Fi Spot automatically.

Set each item for SSID B 
Save Changes



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

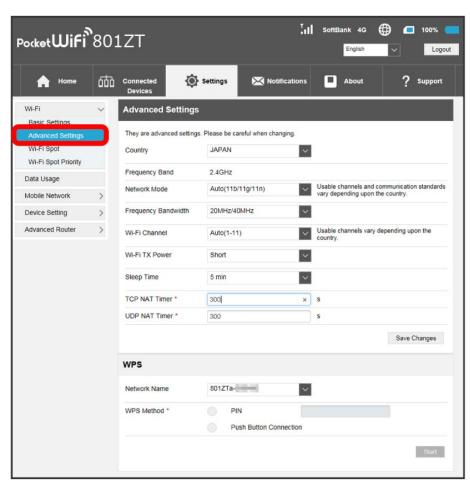
### LAN Wi-Fi Advanced Settings

Setting items are as follows:

| Item                | Description   |
|---------------------|---|
| Country             | Set country where you use WLAN  |
| Frequency Band      | Show frequency band   |
| Network Mode        | Set WLAN communication standard   |
| Frequency Bandwidth | Set WLAN channel frequency band width; Select 20 MHz or 20 MHz/40 MHz frequency band  |
| Wi-Fi Channel       | Set WLAN channel; only Auto is selected when Wi-Fi Spot is enabled  |
| Wi-Fi TX Power      | Set WLAN transmissions output. Suppressing transmissions output reduces interference with other communications  |
| Sleep Time          | Set whether to disable WLAN function automatically when Wi-Fi router does not connect to WLAN devices   |
| TCP NAT Timer       | Set the times that sessions are maintained via the absence of communications after a TCP session has been established. Input values from 300 to 86400 seconds |
| UDP NAT Timer       | Set the times that UDP state management is maintained via the absence of communications.  Input values from 30 to 86400 seconds                               |
| WPS                 | Use when connecting WLAN devices via WPS method   |

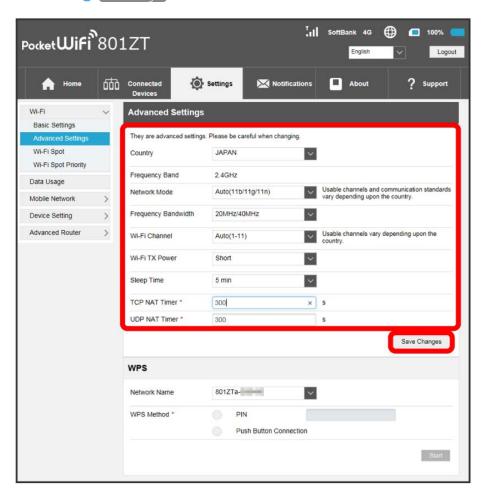


"Settings" tab → Wi-Fi → Advanced Settings



Set each item 

Save Changes



🔀 LAN Wi-Fi advanced settings are configured.

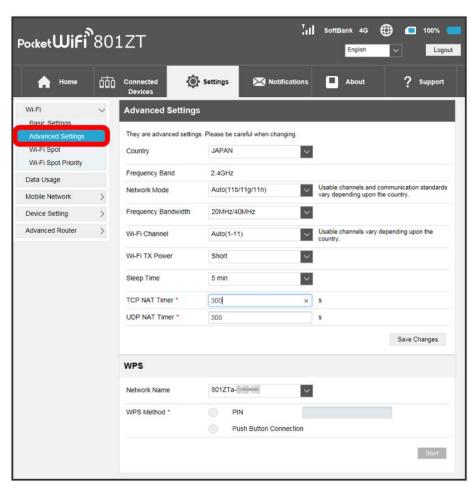
### Connecting WPS Supported WLAN Device

Connect WPS supported WLAN devices. Both SSID A and SSID B are connectable. To connect using Wi-Fi (SSID B), enable Multi SSID.

- $\cdot$  Enable WLAN function on WLAN device, then prepare for WPS settings as required.
- $\cdot$  Method of setting WPS function varies by device. See WLAN device user guide etc.

1

"Settings" tab 🔵 Wi-Fi 🔵 Advanced Settings



2

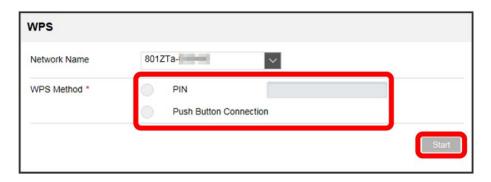
Select Wi-Fi name (SSID) that sets the WPS



· Select Wi-Fi name (SSID) in pulldown list.

3

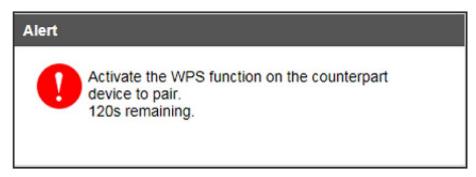
Select WPS Method 
Start



- Wi-Fi-router is on standby to accept WLAN device connection.
- · Select PIN or Push Button Connection.

4

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



 $^{\cdot}$  When "Failed to enable WPS" appears, select  $\boxed{\mathsf{OK}}$  , then retry from step  $\boxed{\mathsf{3}}$  .

5

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

WLAN connection counter number on WEB UI Home Page increases by one.

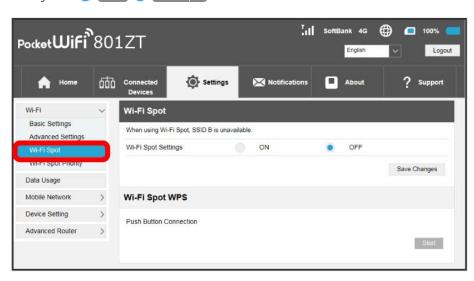
### Wi-Fi Spot Settings

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

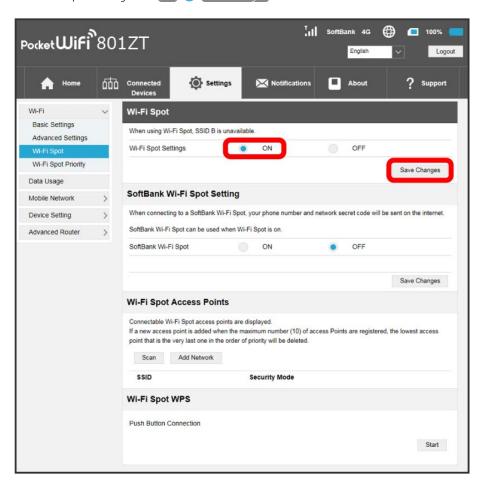
 $\cdot$  When Wi-Fi Spot function is enabled, communication speed may decrease depending on number of WLAN devices connected.



"Settings" tab 🔵 Wi-Fi 🔵 Wi-Fi Spot



Turn "Wi-Fi Spot Settings" to ON → Save Changes

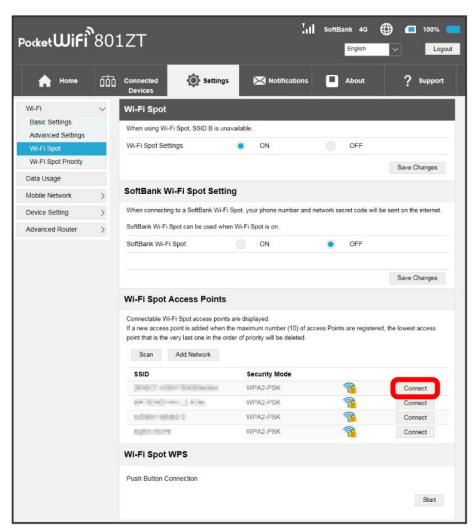


- Connectable Wi-Fi Spot access points are shown.
- · Information screen appears when setting "Wi-Fi Spot" to ON with Multi SSID (SSID B) enabled. Click Yes to disable Multi SSID automatically.



In access point to connect, Connect 

Yes



- Will disconnect from WAN. Continue?" appears. Click Yes and password (Security Key) entry screen appears.
- · Click Scan to re-scan surrounding Wi-Fi Spot access points.

4

Enter password (Security Key) 

Yes



Connection is established and a changes to  $\square \Rightarrow \square$  in Wi-Fi name (SSID) of access point. In Status Bar, network status icon changes from  $\square$  to  $\square$ , and WLAN signal level icon appears.

■ Connecting to New Networks via Wi-Fi Spot

"Settings" tab Wi-Fi Wi-Fi Spot Add Network Enter Wi-Fi name (SSID) Select Authentication Method and Encryption Type and enter password (Security Key) Apply

Wi-Fi router connects to the entered Wi-Fi name (SSID) device.

Note on Changing Wi-Fi Spot Settings

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

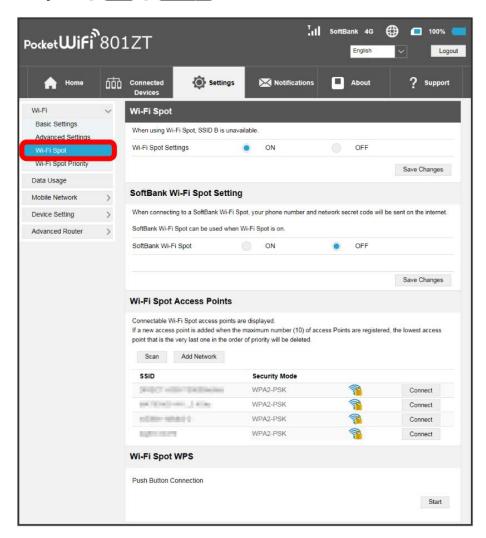
#### Setting Up SoftBank Wi-Fi Spot

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.

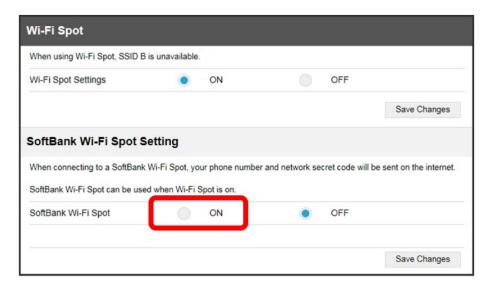


"Settings" tab → Wi-Fi → Wi-Fi Spot

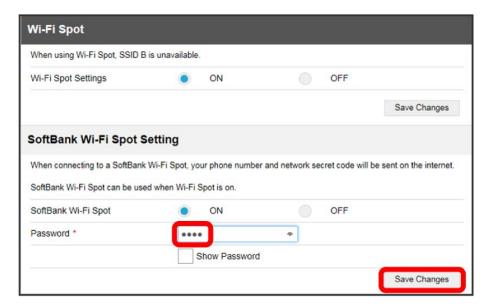


2

Confirm that "Wi-Fi Spot Settings" is ON  $\Rightarrow$  Turn "SoftBank Wi-Fi Spot" in SoftBank Wi-Fi Spot Setting to ON



Enter SoftBank Wi-Fi Spot password 
Save Changes



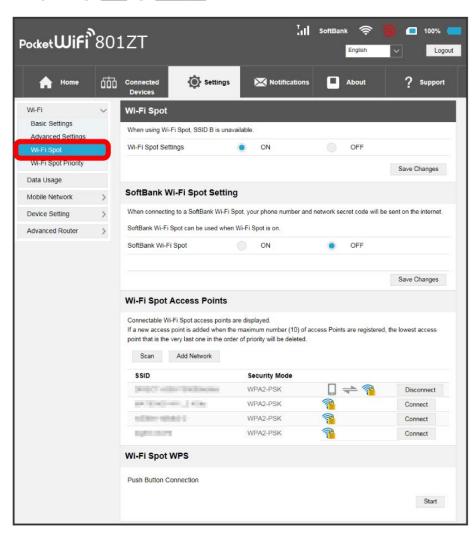
SoftBank Wi-Fi Spot setup is complete.

#### Preferred Access Point

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

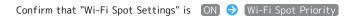


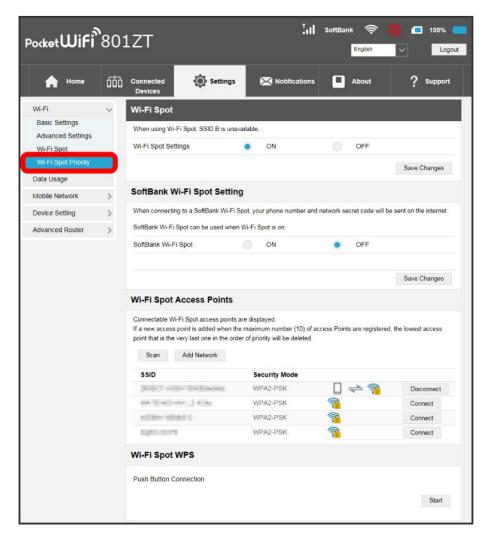
"Settings" tab → Wi-Fi → Wi-Fi Spot



Connected Wi-Fi Spots are shown.

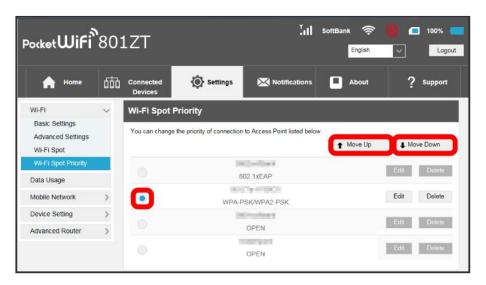






3

Select access point 
Move Up / Move Down



- 🔀 Access point name moves up or down with each click.
- · To edit access point, select access point, 

  → Edit 

  → Edit set content 

  → Apply
- · To delete access point, select access point, 🗦 Delete 🗦 Yes

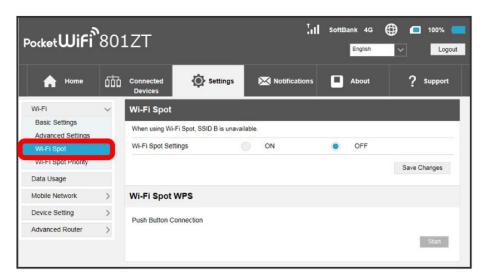
### Connecting to WPS Supported Access Point

Connect WPS supported access point.

- · Enable Wi-Fi Spot in advance.
- $\cdot$  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.

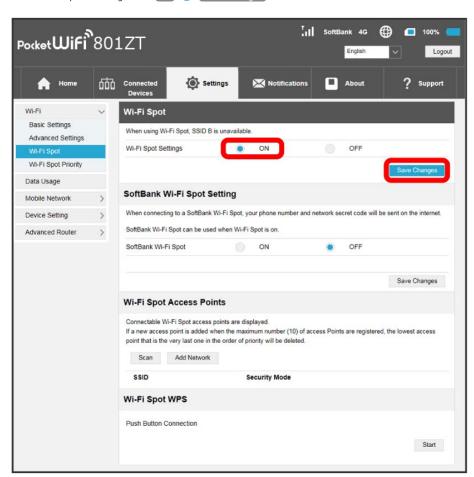
1

"Settings" tab → Wi-Fi → Wi-Fi Spot

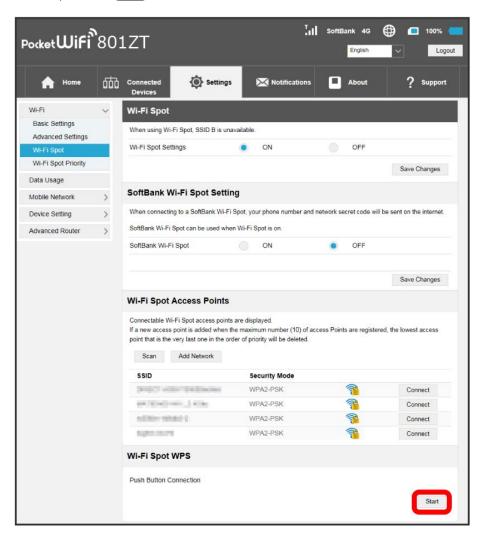


2

Turn "Wi-Fi Spot Settings" to ON → Save Changes



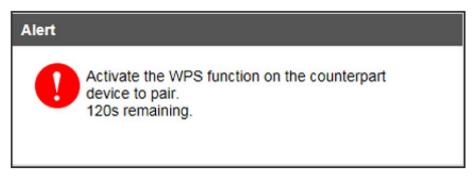
In "Wi-Fi Spot WPS," Start



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

4

While following window appears (within 120 seconds), set up WPS connection on access point device



 $^{\circ}$  When "Failed to enable WPS" appears, select  $\boxed{\mathrm{OK}}$  , then retry from step  $\boxed{\mathbf{3}}$  .

5

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

Wi-Fi router connects to access point.

# Checking Connected WLAN Devices

Check connected devices in "Connected Devices" tab, and restrict connectable devices.

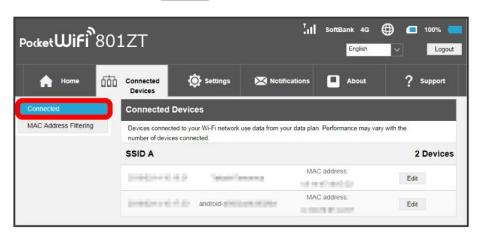
## Showing Connected WLAN Devices

Show list of WLAN devices connected to Wi-Fi router. When Multi SSID is enabled, devices connected to Wi-Fi name (SSID B) can also be checked.



In "Connected Devices" tab 

Connected



- Connected device names and MAC addresses appear.
- $\,^{\cdot}$  Click  $\,$  Edit  $\,$  to change device name as necessary. Enter name and click  $\,$  Save  $\,^{\cdot}$

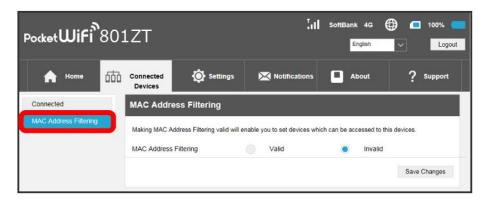
#### MAC Address Filtering

Enable MAC address filtering to restrict WLAN device connections.

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

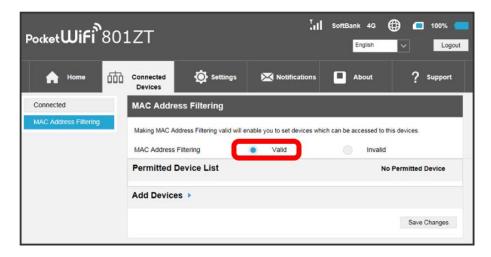
1

"Connected Devices" tab ( ) MAC Address Filtering



- MAC Address Filtering setting screen appears.
- 2

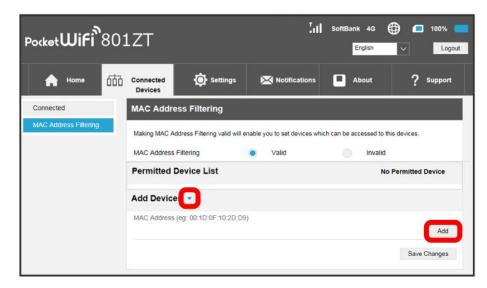
[Valid]



- Permitted Device List and Add Devices appear.





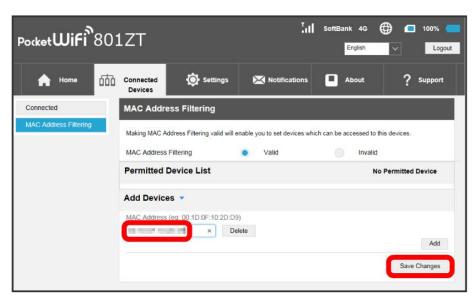


MAC address entry box appears.

4

Enter MAC address 

Save Changes



- Permitted devices appear in Permitted Device List.
- · When MAC addresses are deleted or edited, also click Save Changes .

## Note on Changing MAC Address Filtering

Be sure to add and save MAC addresses of WLAN devices currently connected to Wi-Fi router when enabling MAC Address Filtering of WEB UI.

## Showing/Setting Data Usage

Set to show/hide data usage for mobile network on Home Screen and set maximum data usage and reset accumulated data usage.

Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact administrator or Business Call Center

Data traffic does not include Wi-Fi Spot function.

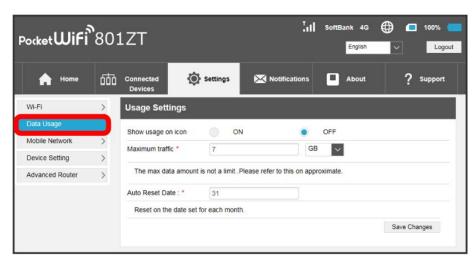
#### Showing Data Traffic on Home Screen

Show/hide accumulated data traffic on Home Screen at the moment from start of use or reset.

 $\cdot$  Set to ON by default and data usage is shown on Home Screen.

1

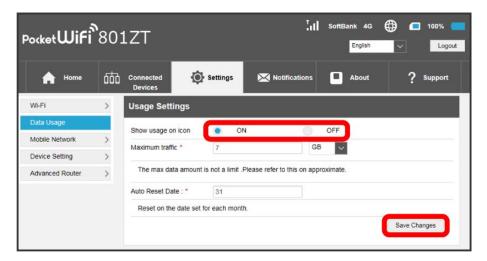
"Settings" tab 🔵 Data Usage



2

Turn "Show usage on icon" to ON / OFF 

Save Changes



Accumulated data traffic at the moment from start of use or reset and maximum traffic appear on Home Screen.

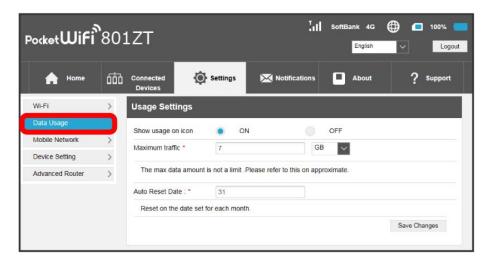
#### Setting Maximum Traffic

Set monthly data traffic volume. When data traffic volume exceeds the set volume, Notification on Home Screen of Wi-Fi router appears.

- · When data traffic volume exceeds the set maximum volume, indicator of data traffic changes from 💽 (white) to 🧧 (red).
- · Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.

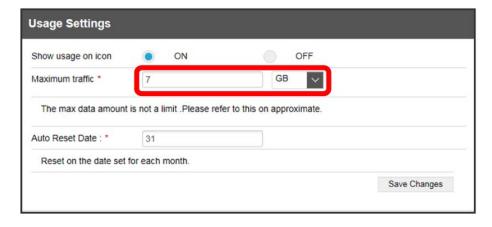


"Settings" tab 🔵 Data Usage



2

Enter number for maximum traffic 
Select unit



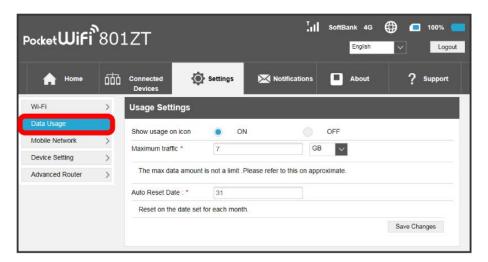
- Maximum traffic is set.
- · Enter value number between 1 and 999.
- · Select a unit GB or MB.

#### Auto Reset Date

Set the date on which data usage is to be automatically reset every month.

1

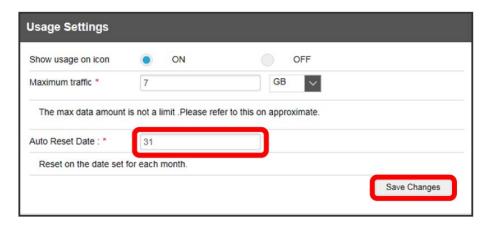
"Settings" tab 🔵 Data Usage



2

Enter Auto Reset Date 

Save Changes



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

#### "Reset" and "Auto Reset"

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

With "Reset," accumulated data traffic is reset immediately by clicking Reset in "Data Usage" in "Home" tab or performing Reset on Wi-Fi router.

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

Check "Last date to reset" in "Data Usage" in "Home" tab for the latest reset date.

## Setting Mobile Network

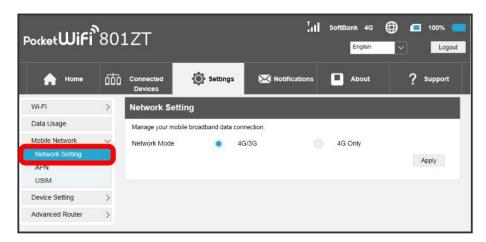
Wi-Fi router connects to mobile network automatically without any setting. To change access point (APN), creating profiles may be required according the access point.

#### Setting Network

Set mobile network manually.

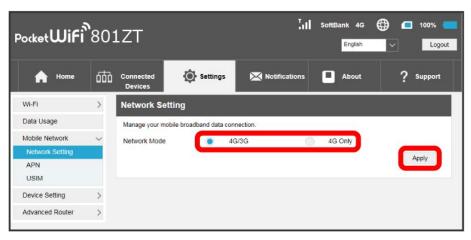


"Settings" tab → [Mobile Network] → [Network Setting]

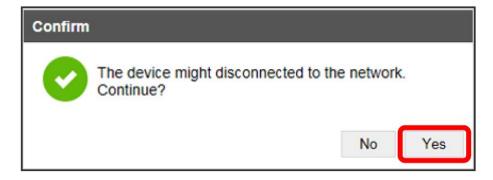


2









Network is set.

### Creating Profile

To add or change APN, create a new profile by setting the following items.

| Item           | Description              |
|----------------|--------------------------|
| IP Type        | Select IP Type           |
| Profile Name   | Enter profile name       |
| APN            | Enter APN <sup>1</sup>   |
| Authentication | Set authorization method |
| User Name      | Enter user name          |
| Password       | Enter password           |
| DNS Mode       | Select DNS mode          |

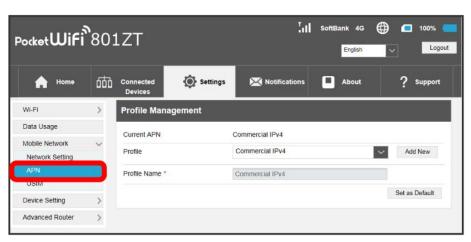
1 Common APN(for enterprise closed networks) is a common APN dedicated to closed network service "Network/VPN gateway secure mobile access" offered by the company for corporate customers.

A contract is required to use "Network/VPN gateway secure mobile access."

For details on "Network/VPN gateway secure mobile access," see https://www.softbank.jp/biz/cloud/sdngateway/secure\_mobile\_ac/.

1

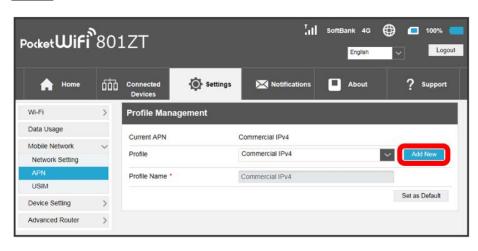
"Settings" tab  $\Rightarrow$  Mobile Network  $\Rightarrow$  APN



Current APN is shown.

2

Add New

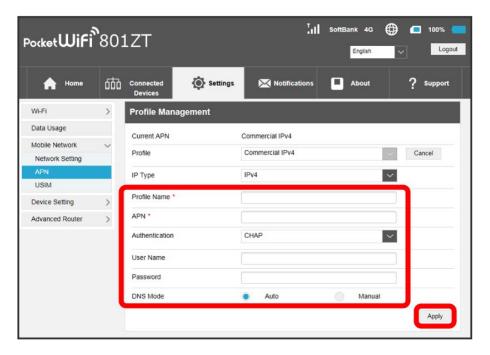


Creation screen for a new profile appears.



Set each item 

Apply



- The new profile is created and screen returns to Profile Management screen. Select the new profile name in "Profile" pulldown list to change profile.
- · Select the new profile and click Set as Default / Delete to set it as default or delete it.

## **USIM PIN**

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

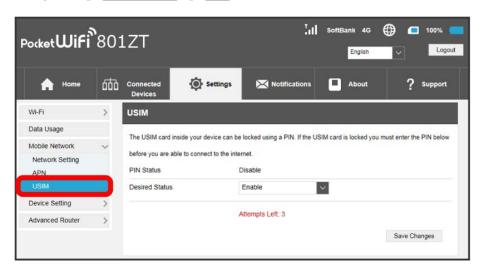
- $\cdot \ \, \text{Enable PIN verification to use Wi-Fi router by PIN entry on Wi-Fi router or WEB \, UI \, when \, Wi-Fi \, router is powered \, on.}$
- · Incorrectly entering PIN three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact Customer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

#### PIN Verification

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

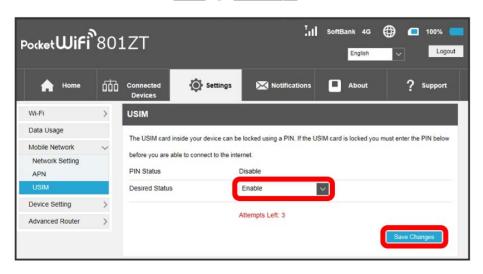
1

"Settings" tab 🔵 Mobile Network 🗦 USIM



2

Confirm that "Desired Status" is Enable Save Changes





Enter PIN code 🔵 OK



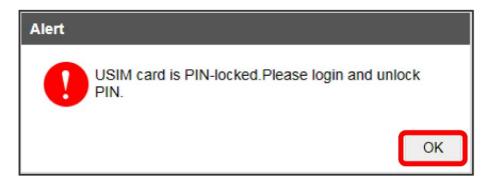
- PIN entry from Wi-Fi router or WEB UI is required when Wi-Fi router is powered on.
- · To disable PIN verification, in step 2, confirm that "Desired Status" is Disable → Save Changes → Enter PIN code → OK.

#### PIN Verification (WEB UI)

When accessing WEB UI on computer after Wi-Fi router is powered on and connected to computer, an alert screen "USIM card is PIN-locked. Please login and unlock PIN." appears.



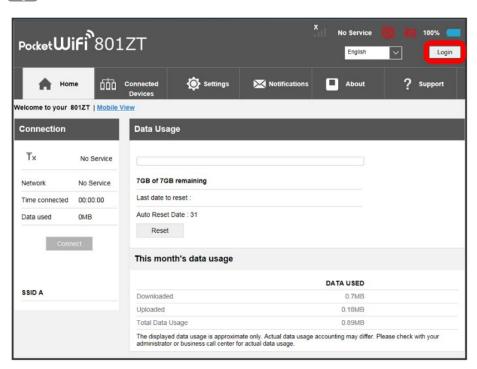
In alert screen, OK



WEB UI "Home" tab screen appears.

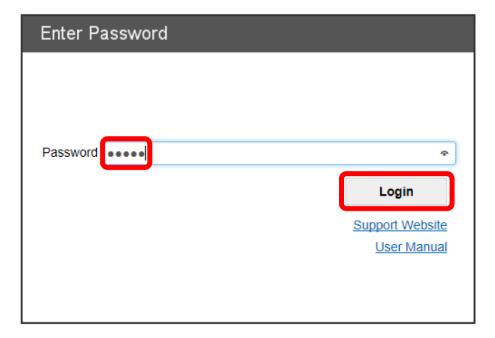
2

Login



Login password entry window opens.

Enter password 🔵 Login

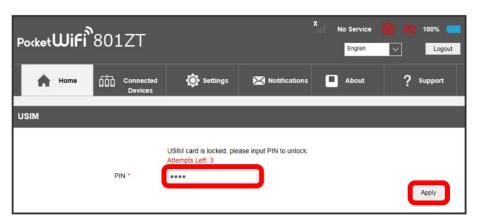


PIN code entry screen appears.

4

Enter four- to eight-digit digit PIN code 

Apply



- Logged-in WEB UI "Home" tab screen appears.
- $\cdot$  Home Screen appears on Wi-Fi router Display.

#### PIN Verification (Wi-Fi Router)

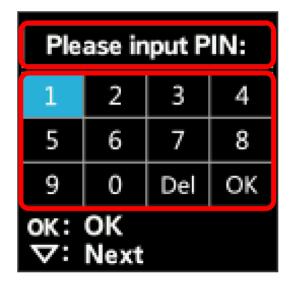
When Wi-Fi router is powered on, PIN code entry screen appears.



Enter four- to eight-digit PIN code 🗦 OK









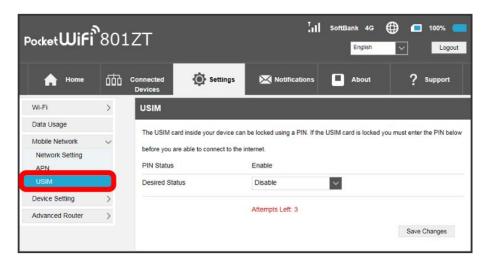
<sup>·</sup> For entering PIN code, see "Entering Number (Entering PIN Etc.)."

#### Changing PIN

Change the PIN to any four- to eight-digit number if required. Change PIN when PIN verification is enabled.

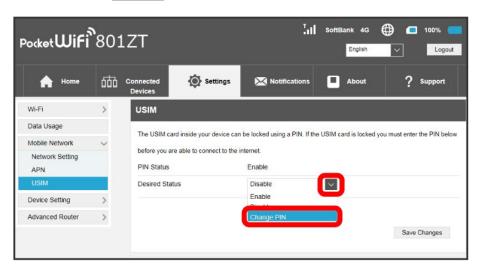
1

"Settings" tab 🗦 Mobile Network 🗦 USIM



2

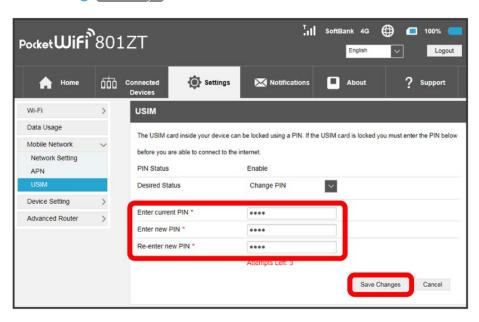
In "Desires Status," Change PIN



PIN code change entry box appears.

3

Set each item 🗦 [Save Changes]



PIN code is modified.

## **Device Settings**

Confirm Wi-Fi router status, and change WEB UI login password.

Also, 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.

#### Changing Login Password for WEB UI

Change Login password.

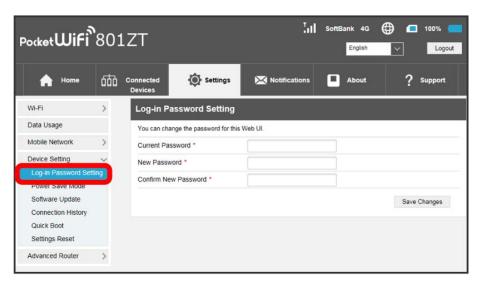
- · For enhancing security, it is recommended to change Login password regularly.
- $\cdot$  Set safer Login password when setting a new one.



"Settings" tab 

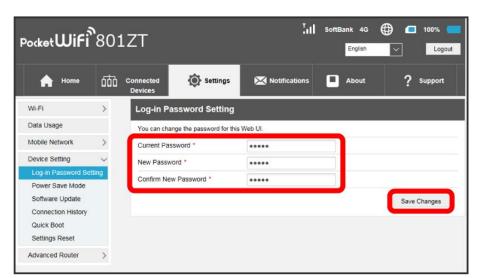
Device Setting 

Log-in Password Setting



2

Enter current password 🗦 Enter a new password 🗦 Re-enter the new password 🗦 Save Changes



New password is set and WEB UI Home Page appears.

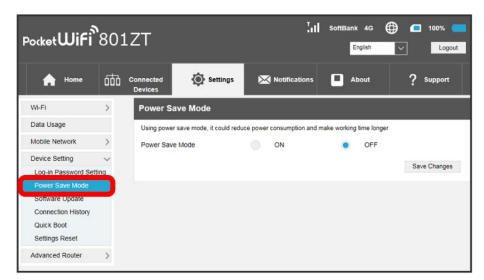
#### Setting Power Save Mode

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

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

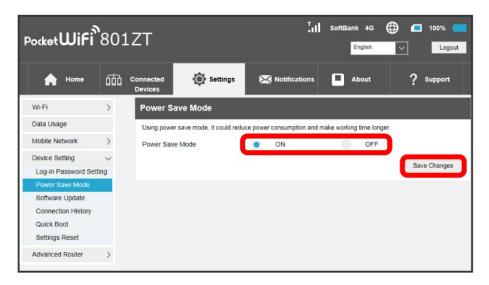
1

"Settings" tab ( ) Device Setting ( ) Power Save Mode



2

ON / OFF  $\Rightarrow$  Save Changes



Power Save Mode is set.

#### Setting Auto Software Update

Make settings for software updates.

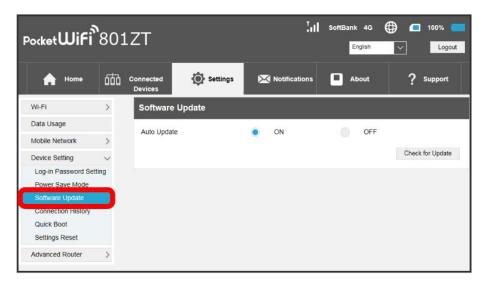
Enable auto-software update to automatically update. If it is disabled, Wi-Fi router checks updates but does not update automatically.

1

"Settings" tab 

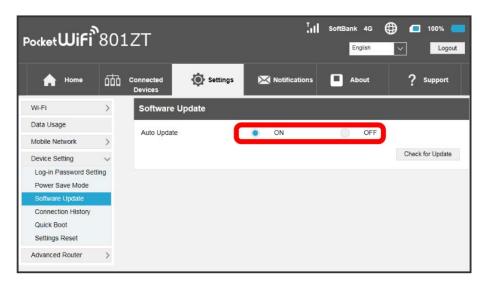
Device Setting 

Software Update



2

ON / OFF



Auto-software update downloading is ON/OFF.

#### **Updating Software**

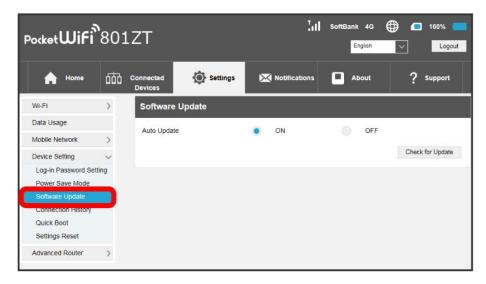
1

"Settings" tab 

Device Setting 

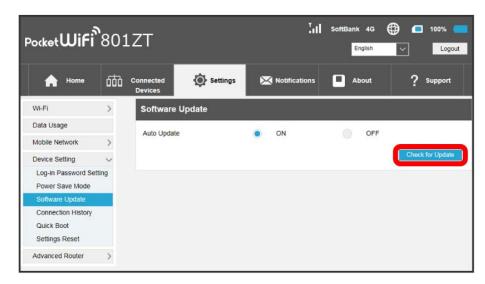
Software Update

→



2

Check for Update



- Wi-Fi router checks the latest software. When the latest software is available, software is updated.
- $\cdot$  When current software is the latest, "The latest version" appears.

## 👸 Software Update

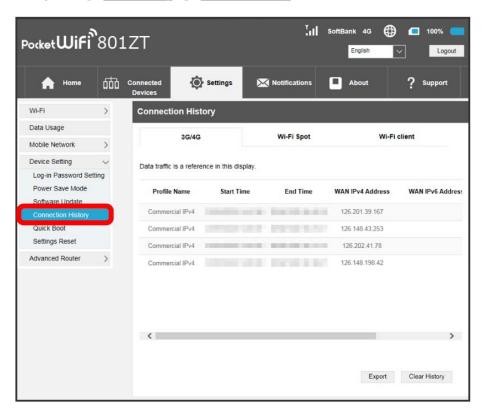
Packet communication charges are not applied for software update. While software is updated, other functions are disabled.

#### Showing/Editing Connection History

Show/edit Connection History. In Connection History, Profile Name, Start Time/End Time, Time, Uploaded Data, Downloaded Data, etc. are shown.

1

"Settings" tab 
Device Setting 
Connection History



- Connection history lists are shown.
- Editing Connection History

Click Clear History to delete all the shown history.

Click Export to download history as a text file to computer.

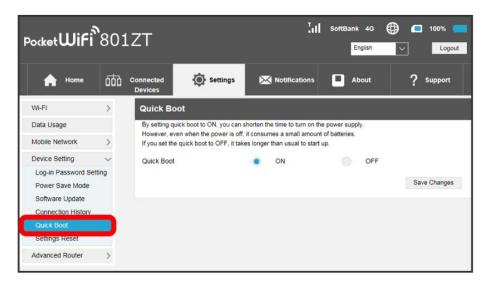
### Setting Quick Boot

By setting Quick Boot to ON, shorten the time to turn on the power supply.

· It consumes a small amount of battery even when the power is off.

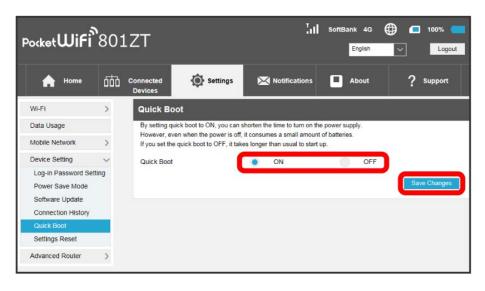


"Settings" tab → Device Setting → Quick Boot



2





Quick Boot is set.

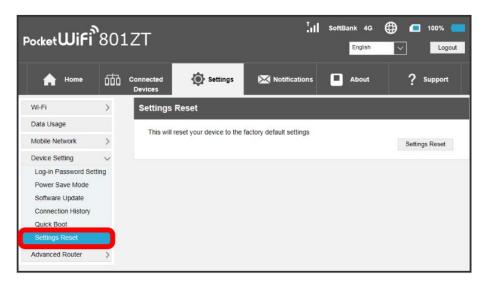
#### Resetting Wi-Fi Router

Restore Wi-Fi router settings to their factory defaults.

- · All settings are restored except contents in USIM Card.
- · Alternatively, use Reset Button of Wi-Fi router.

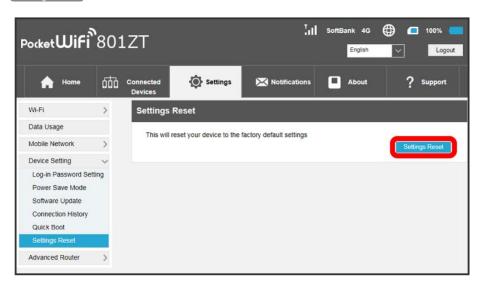
1

"Settings" tab → Device Setting → Settings Reset



2

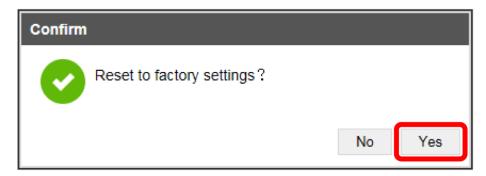
Settings Reset



Confirmation screen appears.







Wi-Fi router reboots to its default settings.

# **Advanced Settings**

Set Wi-Fi router functions such as IP address filtering and portmapping, etc.

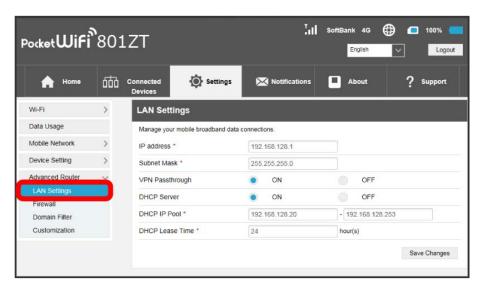
#### DHCP

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   |
| VPN Passthrough | Set whether to allow VPN client packets that have private IP addresses inside LAN to pass through to the Internet |
| DHCP Server     | Set whether to use DHCP function  |
| DHCP IP Pool    | Set minimum and maximum IP addresses that are allotted to WLAN devices  |
| DHCP Lease Time | Set IP address lease time   |

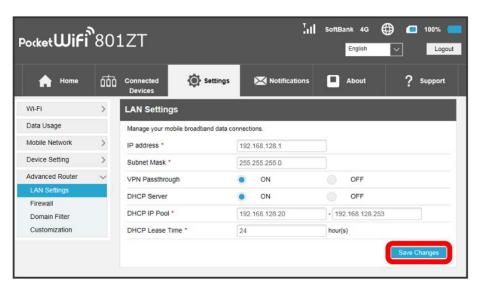
1

"Settings" tab ( ) Advanced Router ( ) LAN Settings



2

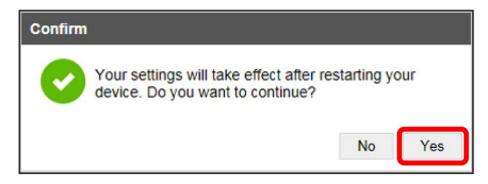
Set each item → Save Changes



Confirmation screen appears.



Yes



Wi-Fi router is rebooted and DHCP is set.

#### Firewall Switch

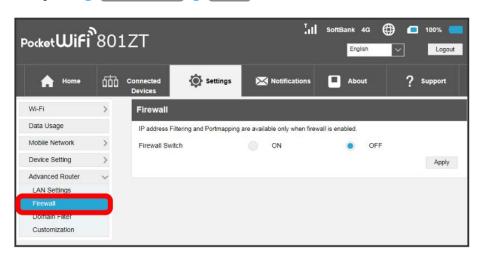
Set Firewall function.

Setting items are as follows:

| Item                 | Description                                   |
|----------------------|---|
| Firewall Switch      | Set whether to use Firewall function          |
| IP Address Filtering | Set whether to use IP Address Filter function |
| Portmapping Switch   | Set whether to use Portmapping function       |

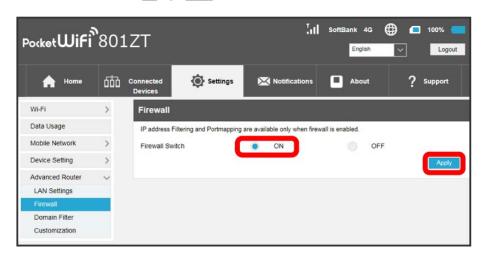
1

"Settings" tab → [Advanced Router] → [Firewall]



2

Turn "Firewall Switch" to ON → Apply



Firewall is enabled and IP Address Filtering and Portmapping can be set.

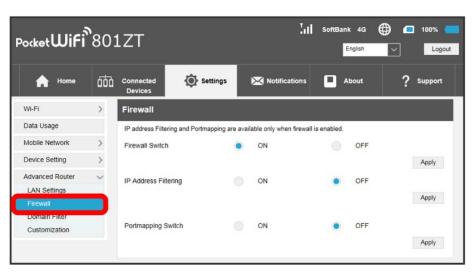
#### Setting IP Address and Port Filtering

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

| Item              | Description   |
|-------------------|---|
| Source IP Address | Set source IP address to apply rules;<br>specify IP address from IP addresses used on LAN |
| Source Port Range | Set source port number to apply rules   |
| Dest. IP Address  | Set destination IP address to apply rules   |
| Dest. Port Range  | Set destination port number to apply rules  |
| Protocol          | Select protocol to apply rules  |
| Status            | Set whether to apply rules  |
| IP Settings       | Set IPv4/IPv6   |



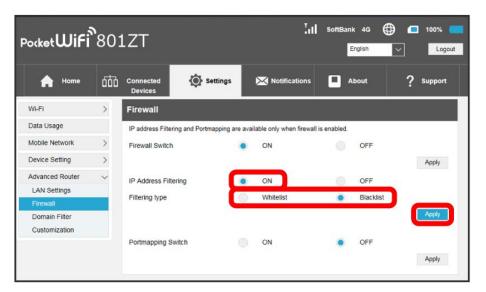
"Settings" tab → [Advanced Router] → [Firewall]



· See "Firewall Switch" and enable Firewall beforehand.

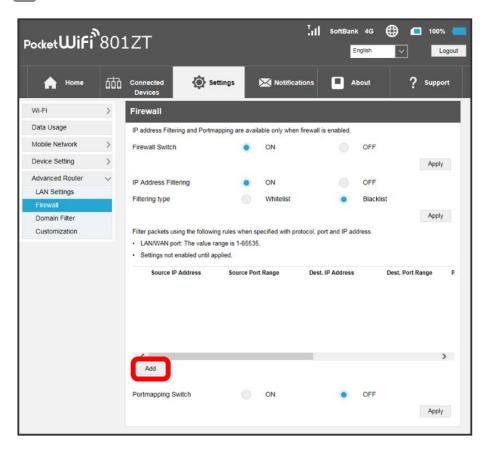


Turn "IP Address Filtering" to ON → Whitelist / Blacklist → Apply



· Select ON and select Filtering type.

Add



Filtering rules to set appear.

4

Enter each item 

Save

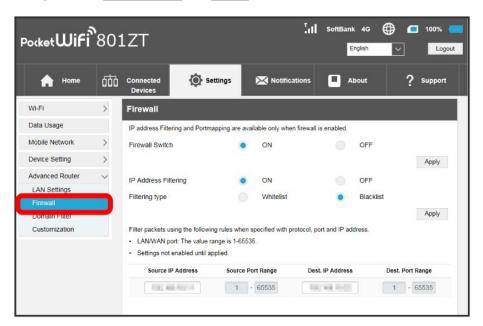


- Set rules are saved and filtering is set.
- $\cdot$  To set IPv6 addresses, enter a prefix at the end of the IP address.
- Turn Status to Drop to filter set IP addresses and reject connection.
- Turn Status to Accept not to filter set IP addresses and permit connection. Use for temporarily deactivating filtering. Filtering is not canceled.

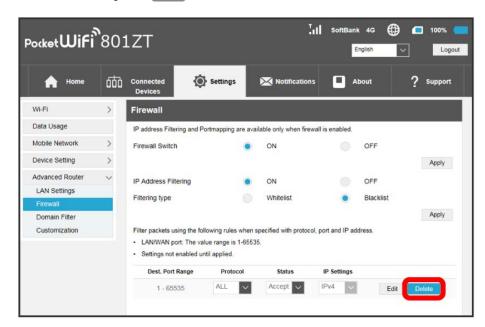
## Canceling IP Address and Port Filtering

1

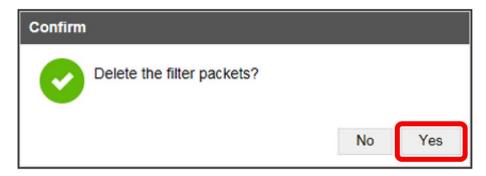
"Settings" tab 
Advanced Router 
Firewall



2



Yes



It is deleted.

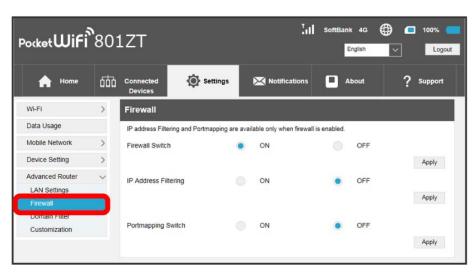
## Setting Portmapping

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

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



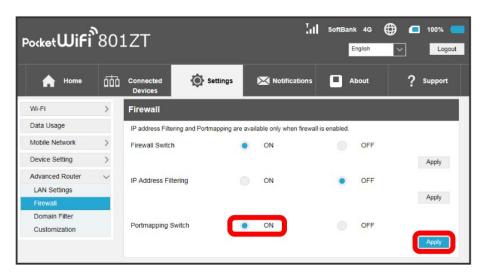
"Settings" tab 
Advanced Router
Firewall



· See "Firewall Switch" and enable Portmapping Switch beforehand.

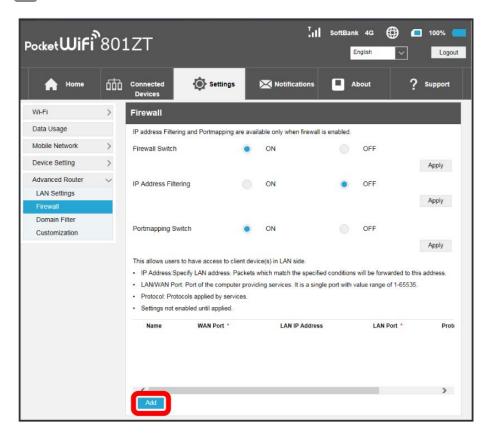
2

Turn "Portmapping Switch" to ON → Apply



· Select ON and select Filtering type.

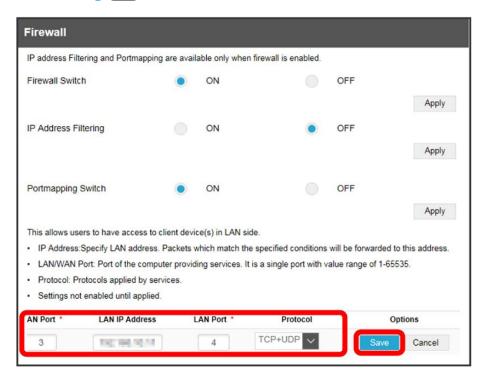
Add



4

Enter each item 

Save

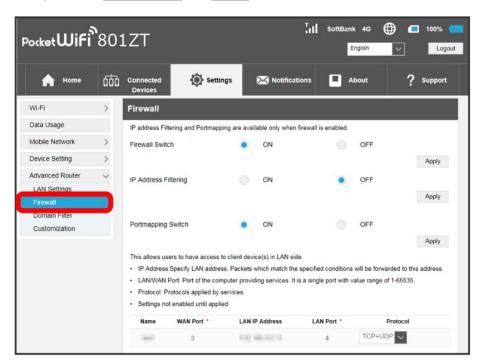


Set rules are saved and Portmapping is set.

# Canceling Portmapping

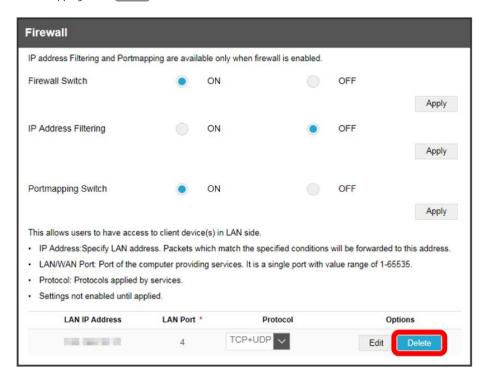
1

"Settings" tab 
Advanced Router 
Firewall

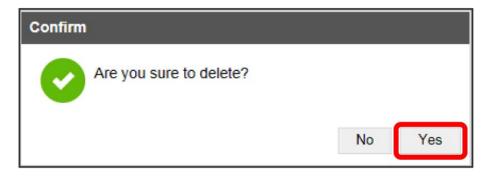


2

In Portmapping list, Delete



Yes



It is deleted.

# Setting Domain Filter

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

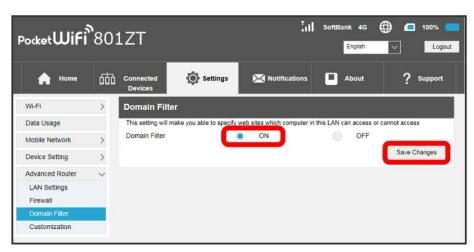
1

"Settings" tab ( ) (Advanced Router ) ( ) ( Domain Filter

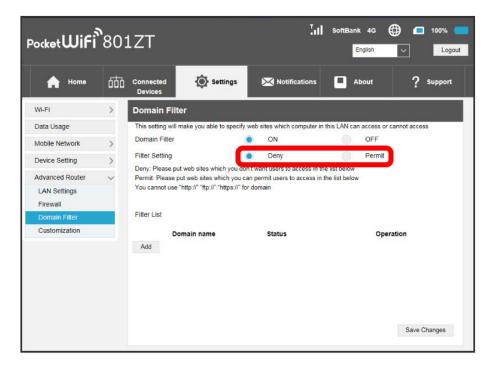


2



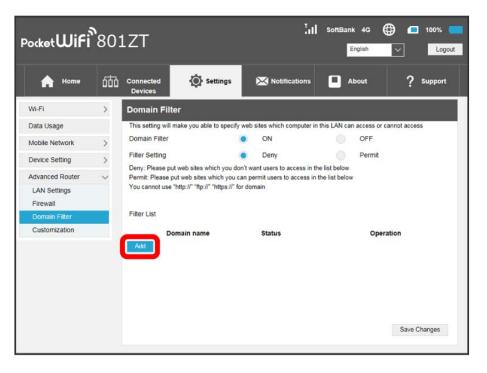


Turn "Filter Setting" to Deny / Permit



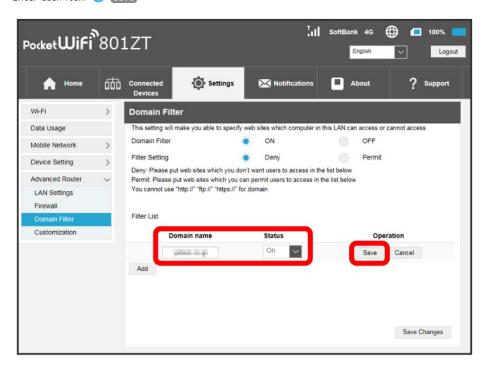
4

[Add]





Enter each item 
Save

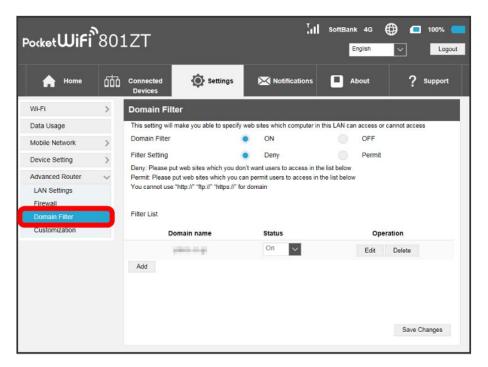


Domain Filter is set.

# Canceling Domain Filter

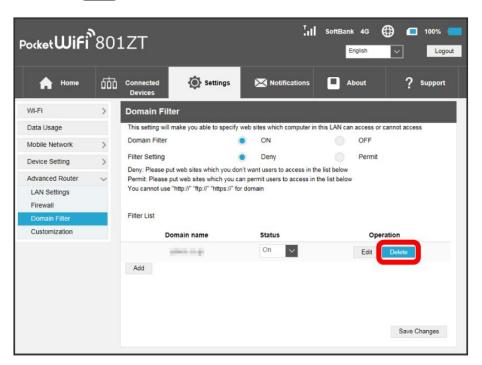
1

"Settings" tab ( ) [Advanced Router ] ( ) [Domain Filter ]



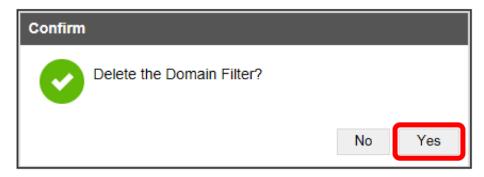
2

In Filter List, Delete









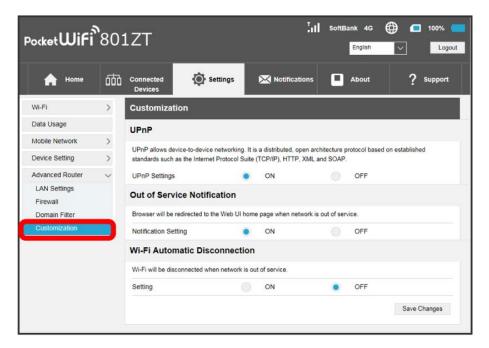
It is deleted.

# UPnP

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

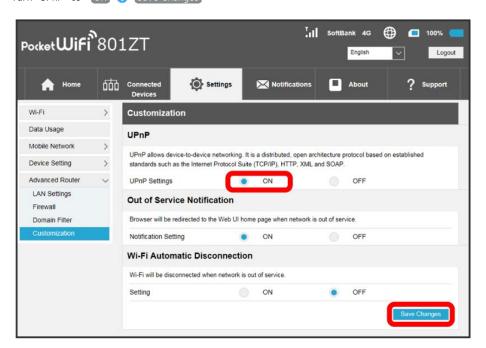
1

"Settings" tab ( ) Advanced Router ( ) Customization



2

Turn "UPnP" to ON → Save Changes



UPnP is set.

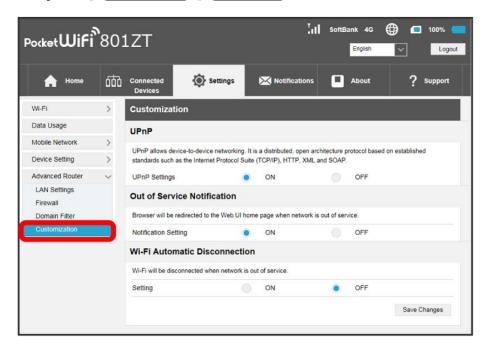
## Out-of-Service Notification

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

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



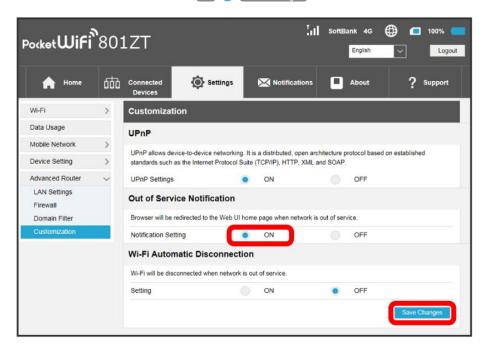
"Settings" tab ( Advanced Router ) (Customization)



2

Turn "Out of Service Notification" to ON 

Save Changes



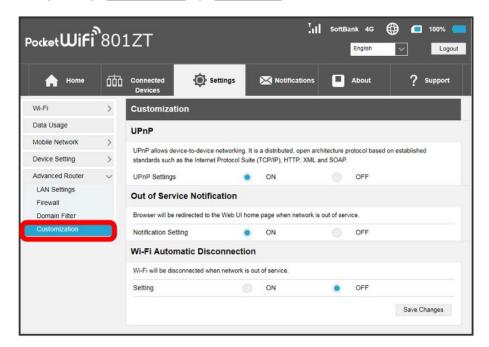
Notification is set.

## Setting Wi-Fi Automatic Disconnection

Set whether to automatically disconnect transmissions with WLAN device out of network area.

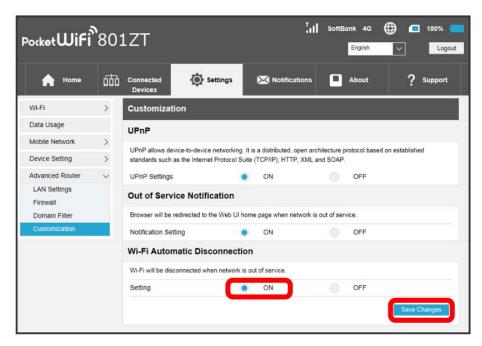
1

"Settings" tab ( ) [Advanced Router ) [Customization]



2

Turn Wi-Fi Automatic Disconnection "Setting" to ON → Save Changes



Wi-Fi Automatic Disconnection is set.

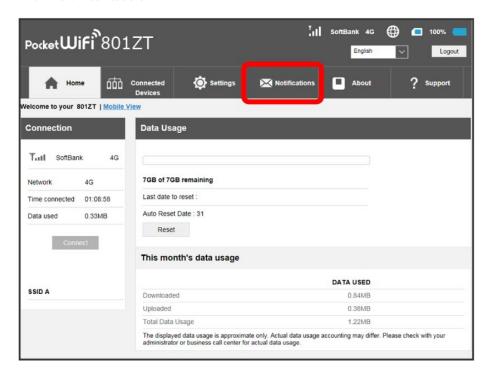
# Checking Notifications

appears on Home Screen of Wi-Fi router when Wi-Fi router receives new notification. During WEB UI operation, reception notification messages are shown. Check notifications in "Notifications" tab.

## **Checking Notifications**

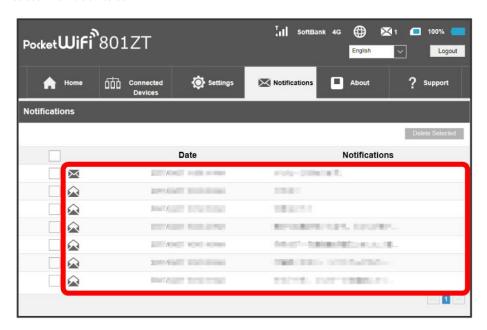
1

In Main Menu "Notifications"



2

Select information to confirm



Notification is shown on popup screen.

· When new reception notification message appears on popup screen, click Yes .



Check notification 🔵 OK

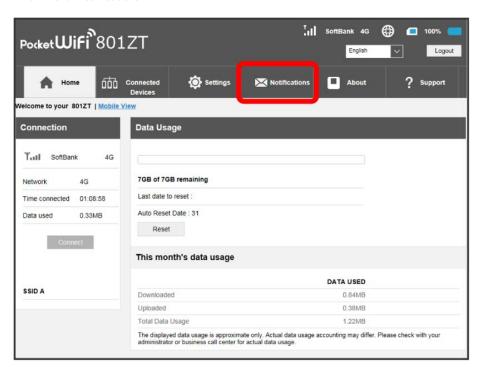


Close popup screen.

# Selecting and Deleting Notifications

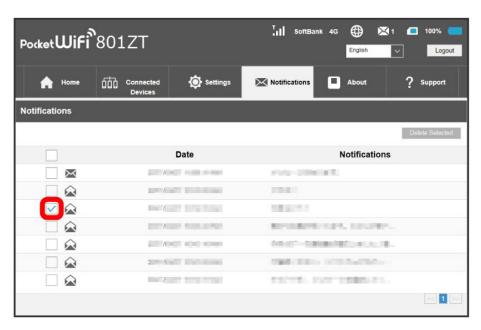
1

In Main Menu "Notifications"



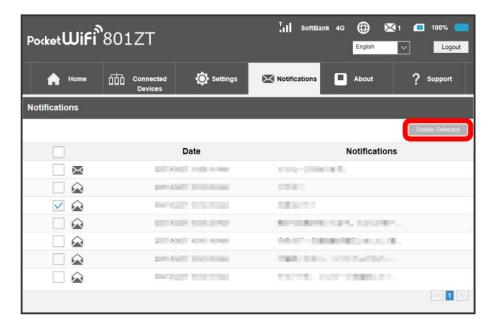
2

Checkmark notifications to delete



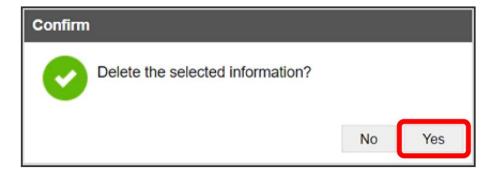
 $\cdot$  Checkmark the top checkbox to select all.

[Delete Selected]



4

[Yes]



Selected notifications are deleted.

# **Showing Device Information**

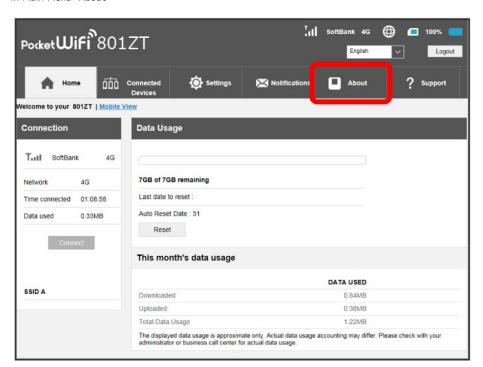
# Checking Wi-Fi Router Information

Check Wi-Fi router status such as software version.

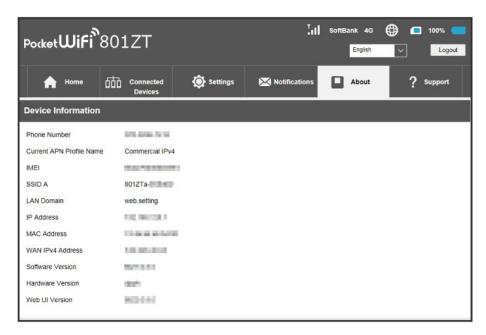
| Item                     | Description   |
|--------------------------|---|
| Phone Number             | Phone number saved to USIM Card   |
| Current APN Profile Name | Current APN   |
| IMEI                     | Serial number of Wi-Fi router   |
| SSID A                   | Wi-Fi name (SSID A) of Wi-Fi router                                     |
| SSID B                   | Wi-Fi name (SSID B) of Wi-Fi router; shows if Multi SSID is enabled     |
| LAN Domain               | LAN domain of Wi-Fi router  |
| IP Address               | IP address for device inside LAN to make available as a server          |
| MAC Address              | Wi-Fi router MAC address  |
| WAN IPv4 Address         | Wi-Fi router IPv4 address; connect to the Internet with this IP address |
| WAN IPv6 Address         | Wi-Fi router IPv6 address; connect to the Internet with this IP address |
| Software Version         | Current software version  |
| Hardware Version         | Hardware version  |
| Web UI Version           | Web UI version  |

1

In Main Menu "About"



#### Check information



Information appears.

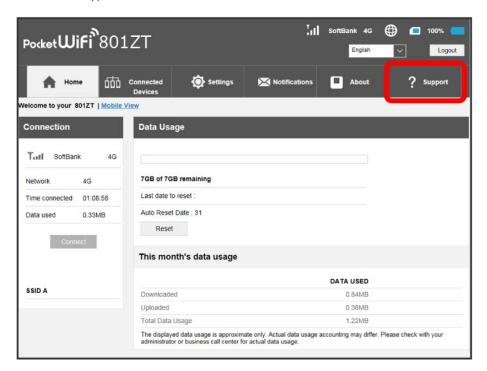
# **Showing Support Information**

# Showing Support Website

Show Website for ZTE Support Information.

1

In Main Menu "Support"



2

Select item



Support Website"/"User Manual" are shown.

# Setting from Mobile Device

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

## Activating WEB UI from Mobile Device

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



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

· For instruction for WLAN connection, see "Connecting with WLAN."



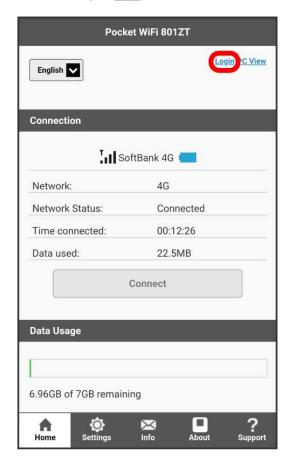
Activate web browser and enter URL (http://web.setting) in address bar

- WEB UI Home Page appears.
- · Select English from language list.

# Logging In to WEB UI from Mobile Device



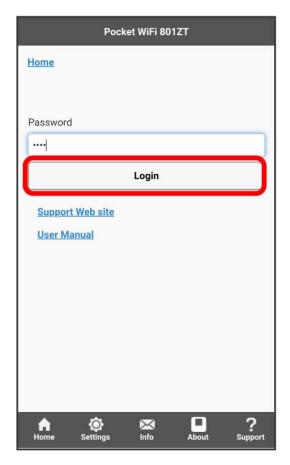
WEB UI Home Page, Login





 $\dot{}$  Alternatively, Tap Main Menu item ( Settings / Info / About / Support ).

Enter Login password 🗦 Login



- "Logout" button appears at top right of screen, then logging in is completed. For login from Main Menu item ( Settings / Info / About / Support ), tapped item page appears.
- $\cdot \ \mathsf{Password} \ \mathsf{is} \ \mathsf{"admin"} \ \mathsf{by} \ \mathsf{default}. \ \mathsf{For} \ \mathsf{Login} \ \mathsf{password}, \ \mathsf{see} \ \mathsf{"Changing} \ \mathsf{Login} \ \mathsf{Password} \ \mathsf{for} \ \mathsf{WEB} \ \mathsf{UI."}$

## WEB UI Screen on Mobile Device



| Switch language   |
|---|
| -   |
| Icon shows mobile network recention level                                       |
| reoff shows mobile network reception level.                                     |
| Network operator name:  |
| Shows connected network operator's name.  |
| Network:  |
| Shows 4G / LTE / 3G.  |
| Battery level icon:   |
| Icon shows Battery level of Wi-Fi router.                                       |
| Network:  |
| Shows 4G / LTE / 3G.  |
| Network Status:   |
| Shows network connection status.  |
| Time connected:   |
| Shows communication times up until present after connecting.                    |
| Data used:  |
| Shows reception/transmission data communication after connecting until present. |
| Connect button <sup>1</sup> :   |
| · Japan   |
| If automatically connecting to network fails, manually connect to network.      |
|   |

| 3 Data Usage             | Data used: Shows reception/transmission data communication from reset to present. Last date to reset: Latest reset date Auto reset date: Date that is automatically reset Reset button: Manually reset data usage meter. This month's data usage: Transmitted/received data usage for the current month |
|--------------------------|---|
| 4 Main Menu <sup>1</sup> | Toggle menu   |
| 5 Login/Logout           | Log in/out to/from WEB UI   |
| 6 PC View                | Changes to PC WEB UI.   |

<sup>1</sup> Input Login password when having not logged in to WEB UI.

# Setting Wi-Fi

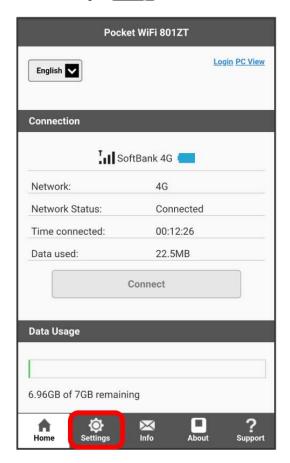
# Wi-Fi Basic Settings (SSID A)

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

| Item                  | Description   |
|-----------------------|---|
| Multi SSID            | Set whether to enable Wi-Fi name (SSID B)   |
| SSID                  | Set Wi-Fi name (Network name) that is shown on WLAN devices   |
| Security Key          | Appears when "WPA2-PSK" or "WPA-PSK/WPA2-PSK" is selected in "Authorization Method;"  Enter password (Security Key)   |
| Privacy Separator     | Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID A)   |
| SSID Stealth          | Set whether to send Wi-Fi name (SSID) of Wi-Fi router   |
| Authentication Method | Set authorization method  |
| Encryption Method     | Set encryption method   |
| Default Key           | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" one to four keys are selectable        |
| Key                   | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" input the selected default key WEP key |
| Maximum connections   | Set the number of connectable devices to Wi-Fi router   |

<sup>·</sup> Tap 🔘 to show Security Key.

WEB UI Home Page, Settings



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

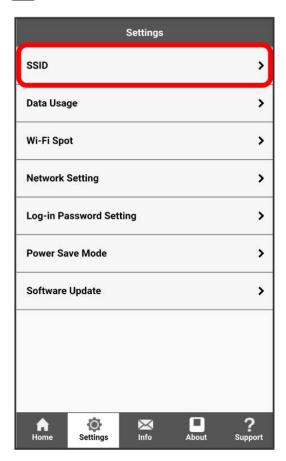


Enter Login password 🔵 Login





[SSID]

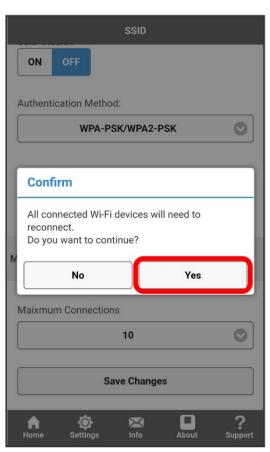


Set each item 🗦 Save Changes



5

[Yes]







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

# Enabling Multi SSID Function (SSID B)

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

- · To use Wi-Fi name (SSID B), turn off Wi-Fi Spot function. Connect to the Internet via mobile network.
- $\cdot \ \text{When Multi-SSID} \ \text{is enabled, communication speed may decrease depending on number of WLAN devices connected.}$

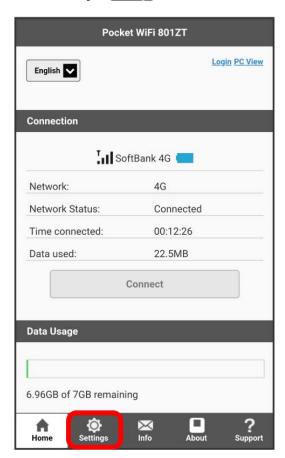
#### Setting items are as follows:

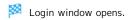
| Item                  | Description   |
|-----------------------|---|
| Multi SSID Isolation  | Set whether to permit interactive communication between SSID A and SSID B connected devices   |
| SSID                  | Set Wi-Fi name (Network name) that is shown on WLAN devices   |
| Security Key          | Appears when "WPA2-PSK" or "WPA-PSK/WPA2-PSK" is selected in "Authorization Method;" Enter password (Security Key)  |
| Privacy Separator     | Set whether to prohibit interactive communication between WLAN devices connected to Wi-Fi name (SSID B)   |
| SSID Stealth          | Set whether to send Wi-Fi name (SSID) of Wi-Fi router   |
| Authentication Method | Set authorization method  |
| Encryption Method     | Set encryption method   |
| Default Key           | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" one to four keys are selectable        |
| Key                   | Appears when "AUTO" or "SHARED" is selected in Authentication Method, and when Authentication Method is "OPEN" and Encryption Method is "WEP;" input the selected default key WEP key |

<sup>·</sup> Tap 🔘 to show Security Key.



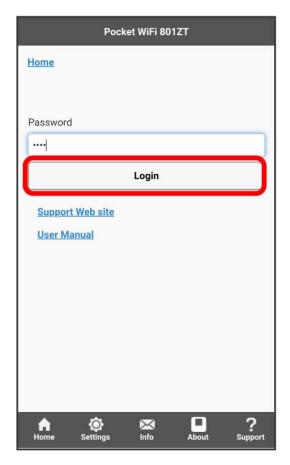
WEB UI Home Page, Settings





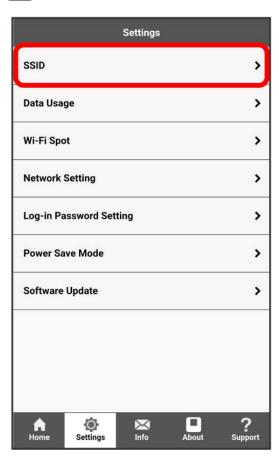
 $^{\circ}$  When already logged in, go to step  $\boxed{\mathbf{3}}$  .

Enter Login password 🔵 Login



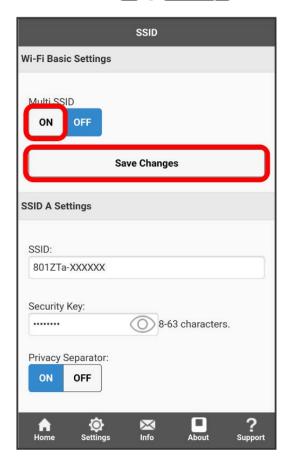
3

[SSID]





Turn "Multi SSID," to ON → Save Changes



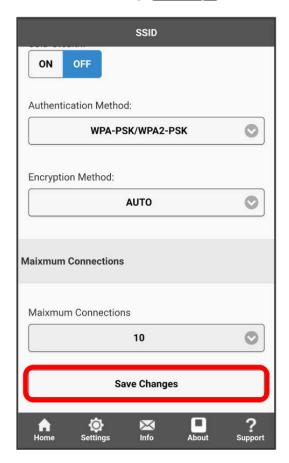
· Confirmation screen appears when setting "Multi SSID" to ON with Wi-Fi Spot enabled. Tap Yes to disable Wi-Fi Spot automatically.





SSID B Settings appears.

Set each item for SSID B → Save Changes



7

Yes







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

### Showing/Setting Data Usage

Set to show/hide data usage for mobile network on Home Screen and set maximum data usage and reset accumulated data usage.

Data traffic is an estimation. May differ from actual traffic volume. For actual traffic volume, contact administrator or Business Call Center

Data traffic does not include Wi-Fi Spot function.

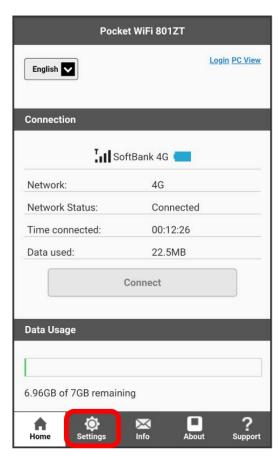
### Showing Data Traffic on Home Screen

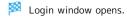
Show/hide accumulated data traffic on Home Screen at the moment from start of use or reset.

 $\cdot$  Set to ON by default and data usage is shown on Home Screen.

1

WEB UI Home Page, Settings





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

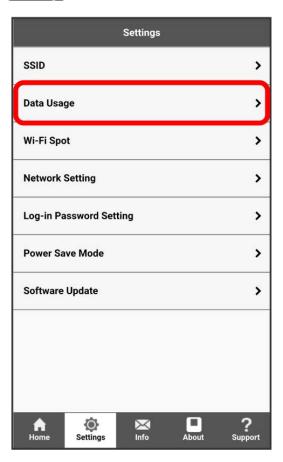
2

Enter Login password 🔵 Login



3

[Data Usage]









5



🚧 Accumulated data traffic at the moment from start of use or reset and maximum traffic appear on Home Screen.

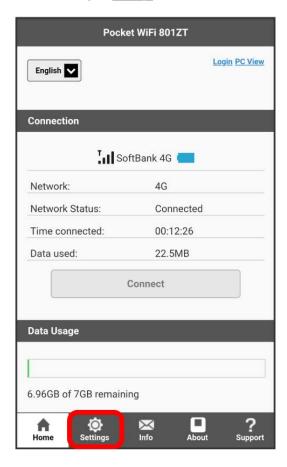
### Setting Maximum Traffic

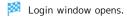
Set monthly data traffic volume. When data traffic volume exceeds the set volume, Notification on Home Screen of Wi-Fi router appears.

- · When data traffic volume exceeds the set maximum volume, bar icon ( ) of data traffic changes to red ( ).
- · Maximum traffic does not mean a limit on data communication. Use this volume as measure of usage.



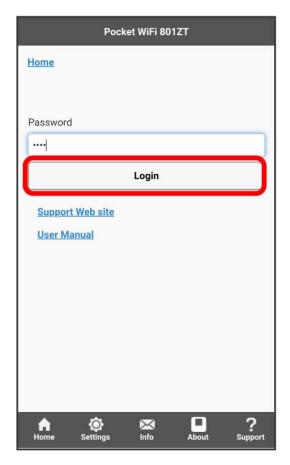
WEB UI Home Page, Settings





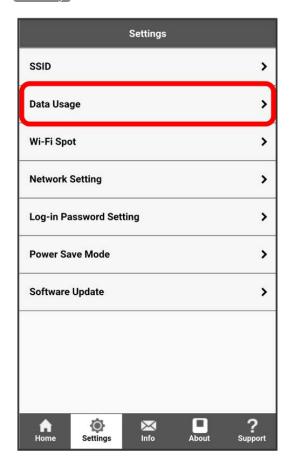
· When already logged in, go to step 3.

Enter Login password 🔵 Login





#### [Data Usage]

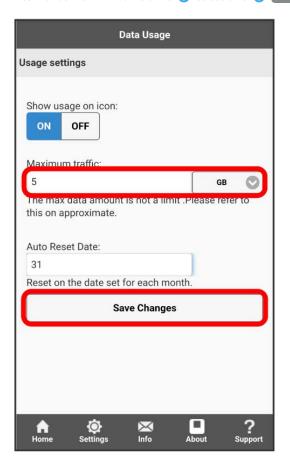


4

Enter number for maximum traffic 

Select unit 

Save Changes







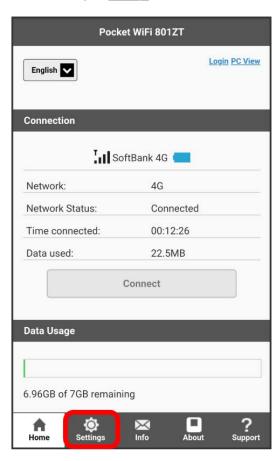
- Maximum traffic is set.
- $\cdot$  Enter value number between 1 and 999.
- · Select a unit GB or MB .

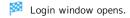
### Auto Reset Date

Set the date on which data usage is to be automatically reset every month.



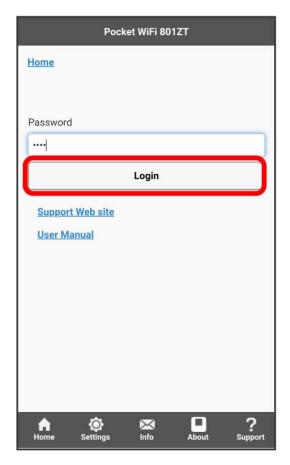
WEB UI Home Page, Settings





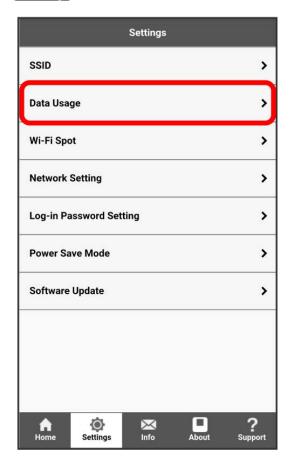
<sup>·</sup> When already logged in, go to step 3.

Enter Login password 🗦 Login





#### [Data Usage]



4

Enter Auto Reset Date 

Save Changes







- Auto reset date is set.
- $\cdot$  Set value number between 1 and 31.
- $\cdot$  If 31 is set, data usage is reset at the end of the month.

# Setting Wi-Fi Spot

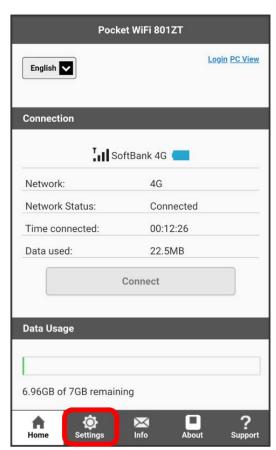
Connect Wi-Fi router to the Internet via WLAN router at office or SoftBank Wi-Fi Spot etc. This Internet connection is called Wi-Fi Spot. Simultaneous use of Wi-Fi Spot and Multi SSID (SSID B) is not available.

### Enabling Wi-Fi Spot

By setting Wi-Fi Spot on WEB UI on computer beforehand, connection is established automatically when Wi-Fi Spot is turned on.



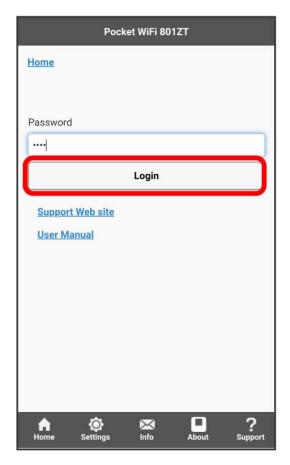
WEB UI Home Page, Settings





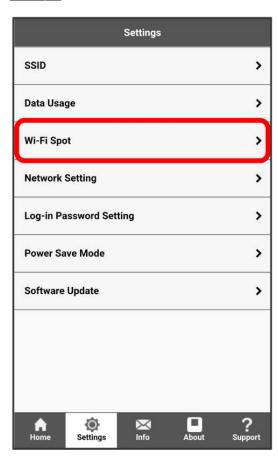
 $<sup>^{\</sup>circ}$  When already logged in, go to step  $\boxed{\mathbf{3}}$  .

Enter Login password 🔵 Login



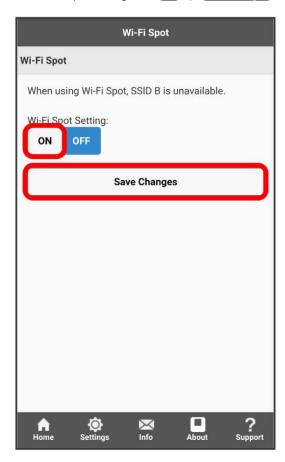
3

[Wi-Fi Spot]





Turn "Wi-Fi Spot Settings" to ON → Save Changes



· Confirmation screen appears when setting "Wi-Fi Spot Setting" to ON with Multi SSID (SSID B) enabled. Tap Yes to disable Multi SSID automatically.





Wi-Fi Spot is set to ON.

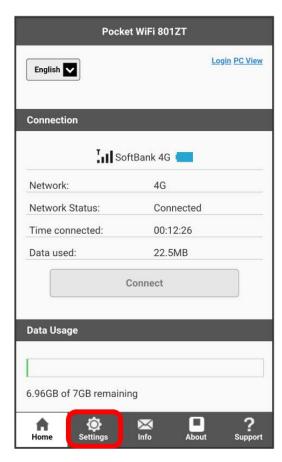
### Setting Up SoftBank Wi-Fi Spot

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

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



WEB UI Home Page, Settings

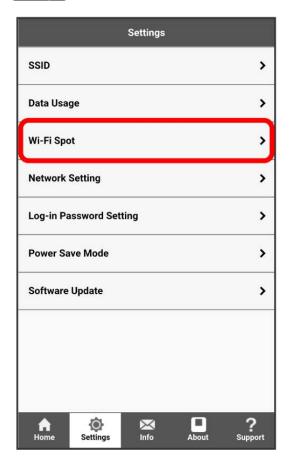


- Login window opens.
- · When already logged in, go to step 3.

Enter Login password 🔵 Login

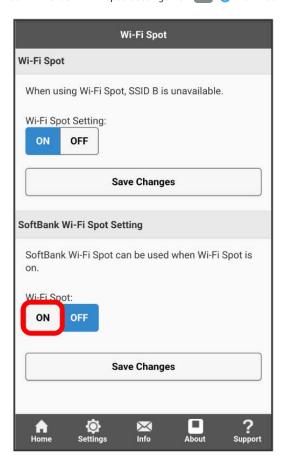


[Wi-Fi Spot]



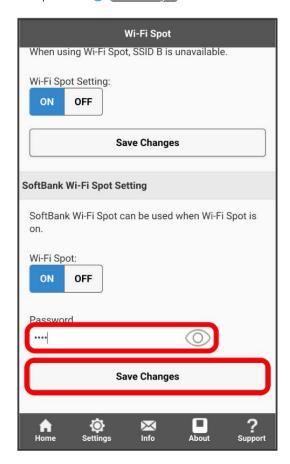
4

Confirm that "Wi-Fi Spot Settings" is ON  $\Rightarrow$  Turn "SoftBank Wi-Fi Spot Setting" to ON





Enter password 
Save Changes







SoftBank Wi-Fi Spot setup is complete.

# Setting Mobile Network

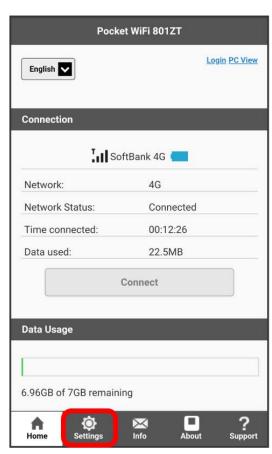
Wi-Fi router connects to mobile network automatically.

### Setting Network

Set mobile network manually.



WEB UI Home Page, Settings



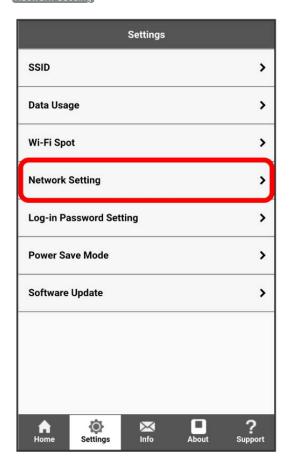
- Login window opens.
- $^{\circ}$  When already logged in, go to step  $\boxed{\mathbf{3}}$  .



Enter Login password 🔵 Login

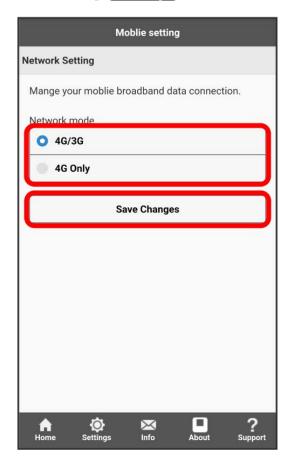


### Network Setting





Select Network 
Save Changes



Network list is created.





Network is set.

# Changing Login Password for WEB UI

Change Login password.

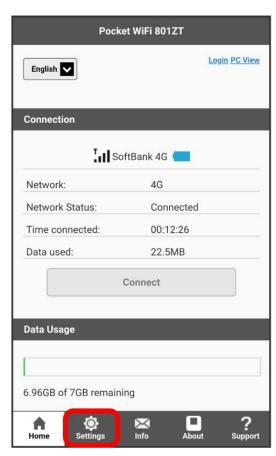
For enhancing security, it is recommended to change Login password regularly.

### Changing Login Password for WEB UI

 $\cdot$  Set safer Login password when setting a new one.



WEB UI Home Page, Settings



Login window opens.

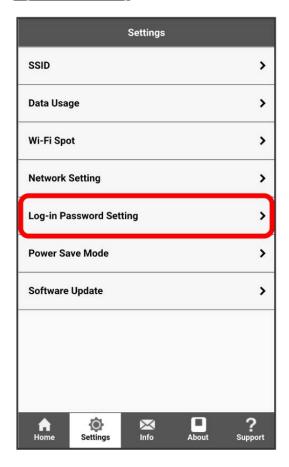
 $^{\circ}$  When already logged in, go to step  $\boxed{\mathbf{3}}$  .



Enter Login password 🔵 Login

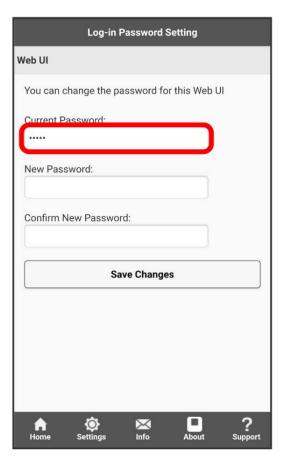


#### [Log-in Password Setting]



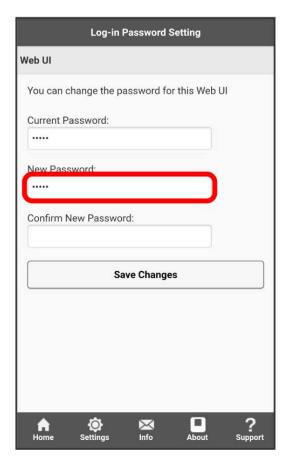
4

Enter Current Password



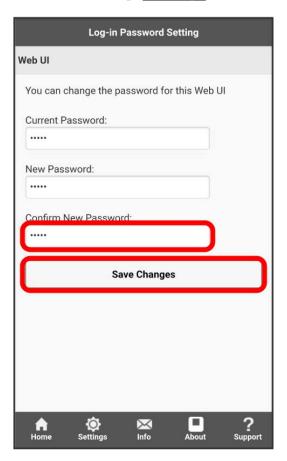


Enter New Password



6

Confirm New Password 
Save Changes



7

OK)

New password is set.

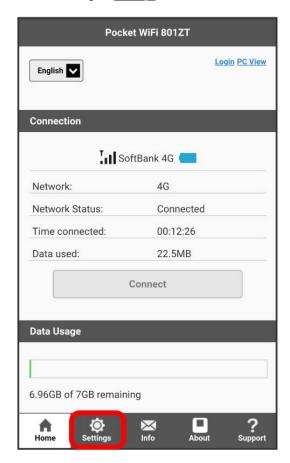
# Setting Power Save Mode

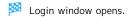
Set Power Save Mode to ON to save power consumption during use for longer usage time.

Setting Power Save Mode



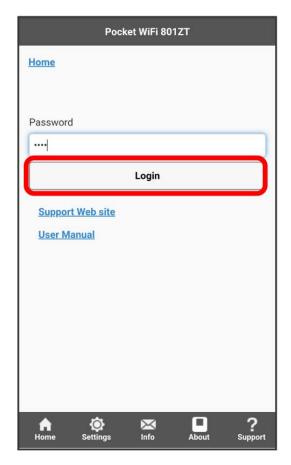
WEB UI Home Page, Settings





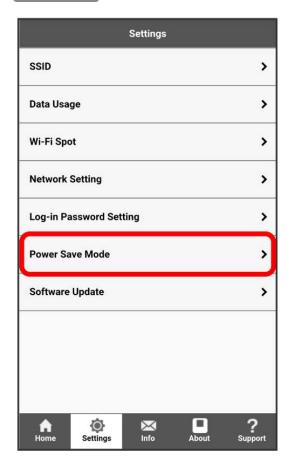
· When already logged in, go to step 3.

Enter Login password 🗦 Login



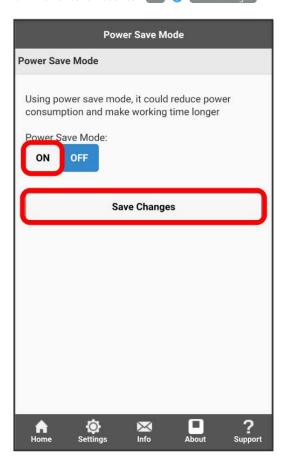


Power Save Mode



4

Turn "Power Save Mode" to ON → Save Changes







Power Save Mode is enabled.

# Setting Software Update

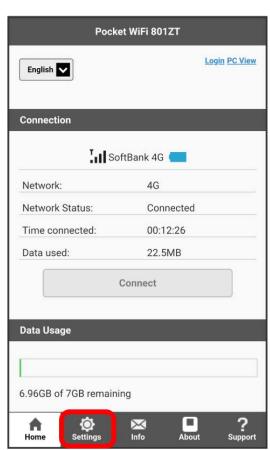
Make settings for software updates.

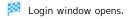
Enable auto-software update to automatically update. If it is disabled, Wi-Fi router checks updates but does not update automatically.

### Setting Auto Software Update



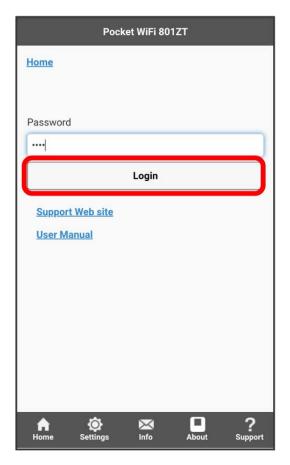
WEB UI Home Page, Settings





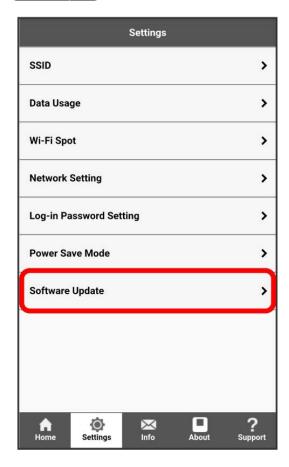
 $^{\circ}$  When already logged in, go to step  $\boxed{\mathbf{3}}$  .

Enter Login password 🗦 Login





Software Update





Turn "Auto Update" to ON / OFF



5

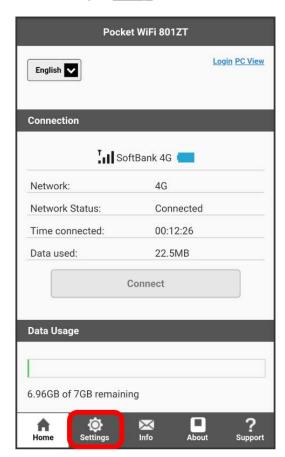
OK)

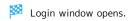
Auto-software update downloading is ON/OFF.

# **Updating Software**



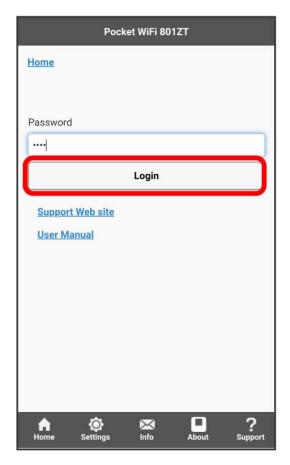
WEB UI Home Page, Settings





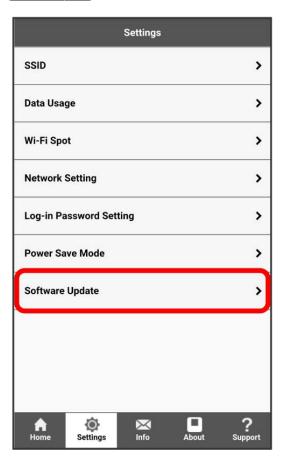
<sup>·</sup> When already logged in, go to step 3.

Enter Login password 🔵 Login



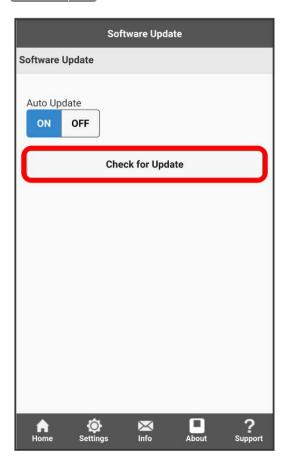
3

[Software Update]

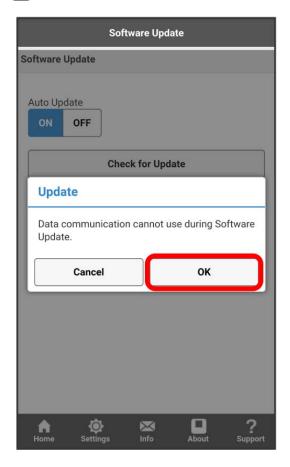




Check for Update







- When the latest software is available, software is updated.
- $\cdot$  When current software is the latest, "The latest version." appears.
- Software Update

Packet communication charges are not applied for software update. While software is updated, other functions are disabled.

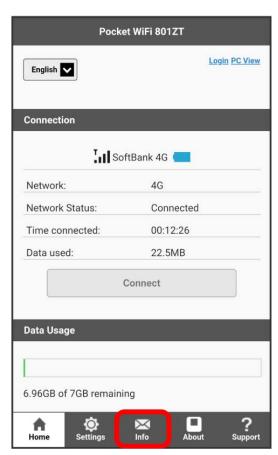
# Checking Information

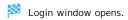
appears on Home Screen of Wi-Fi router when Wi-Fi router receives new information. Check "Info" tab while using WEB UI on mobile device.

# Checking Information



WEB UI Home Page, Info





· When already logged in, go to step 3.

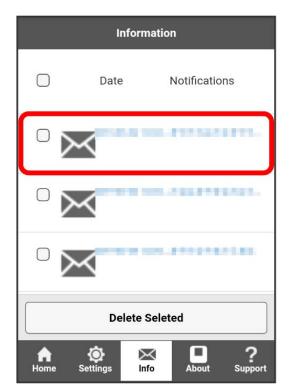
Enter Login password 🗦 Login



Information list is shown.

3

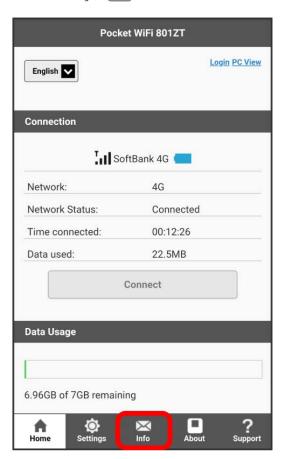
Select information to confirm



# Selecting and Deleting Information



WEB UI Home Page, Info

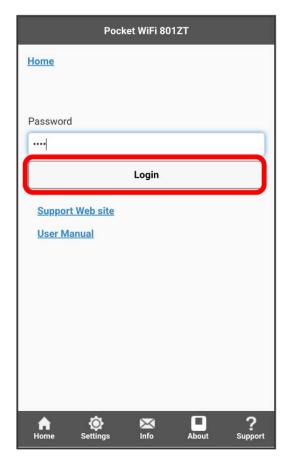




<sup>·</sup> When already logged in, go to step 3.

2

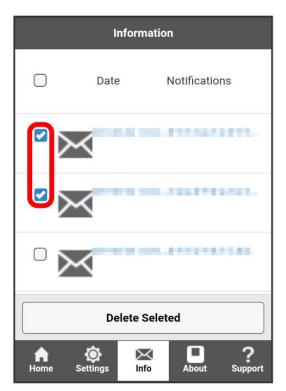
Enter Login password 🗦 Login



Information list is shown.

3

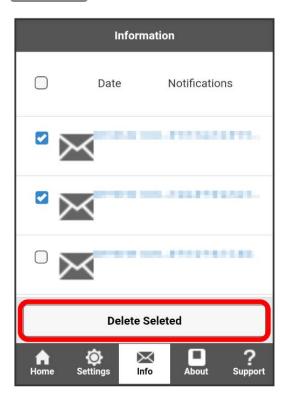
Checkmark notifications to delete



 $<sup>\</sup>cdot$  Checkmark the top  $\ \ \ \ \$  to select all.

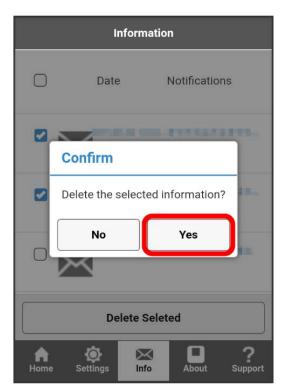
4

[Delete Selected]



5





6

OK)

Selected notifications are deleted.

# Checking Wi-Fi Router Information

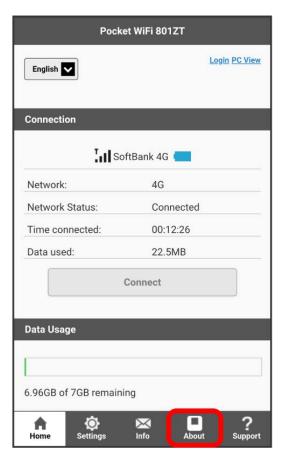
# Checking Wi-Fi Router Information

Check Wi-Fi router status such as software version.

| Item                     | Description   |
|--------------------------|---|
| Phone Number MAIN        | Phone number saved to USIM Card   |
| Current APN Profile Name | Current APN   |
| IMEI                     | Serial number of Wi-Fi router   |
| SSID A                   | Wi-Fi name (SSID A) of Wi-Fi router   |
| SSID B                   | Wi-Fi name (SSID B) of Wi-Fi router; shows only if Multi SSID function is enabled |
| LAN Domain               | LAN domain of Wi-Fi router  |
| IP Address               | IP address for device inside LAN to make available as a server                    |
| WAN IPv4 Address         | Wi-Fi router IPv4 address; connect to the Internet with this IP address           |
| WAN IPv6 Address         | Wi-Fi router IPv6 address; connect to the Internet with this IP address           |
| MAC Address              | Wi-Fi router MAC address  |
| Software Version         | Current software version  |
| Hardware Version         | Hardware version  |
| WEB UI Version           | Current WEB UI version  |

1

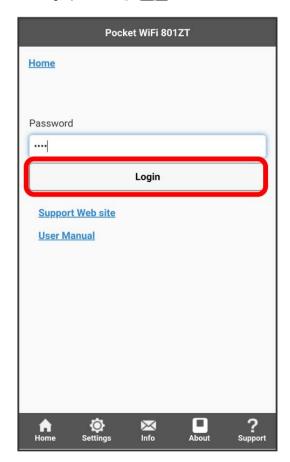
WEB UI Home Page, About





<sup>·</sup> When already logged in, go to step 3.

Enter Login password 🔵 Login



Information appears.

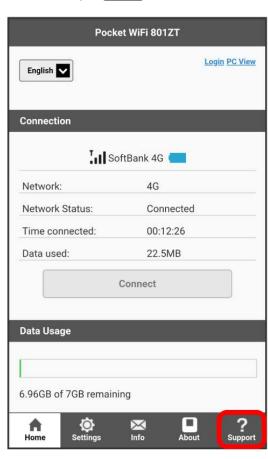
# Checking Support from Mobile Device

# Checking Support from Mobile Device

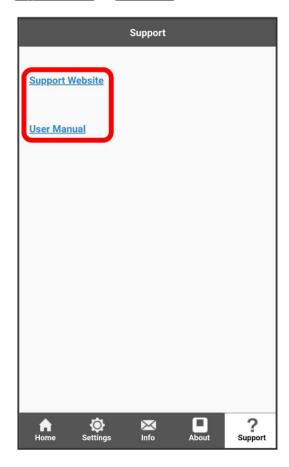
Support Website and User Manual are shown.



WEB UI Home Page, Support







Support Website and User Manual are shown.

# Appendix

| Troubleshooting    | 194 |
|--------------------|-----|
| Specifications     | 197 |
| Warranty & Service | 198 |
| Customer Service   | 199 |

# Troubleshooting

#### Check Here First

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

#### ? Hints

- O. Unable to connect WLAN
- A. Make sure Wi-Fi router and WLAN device WLAN functions are activated. When five minutes elapse after no WLAN devices are connected and Display turns off, Wi-Fi router goes into Sleep mode and WLAN function of Wi-Fi router is disabled. Press OK or to enable WLAN function. Change time before turning off in "Sleep Time" in Wi-Fi Advanced Settings. For details, see "LAN Wi-Fi Advanced Settings."
- A. Confirm that Wi-Fi name of Wi-Fi router is selected and correct password (Security Key) is set on WLAN device. If you forget Wi-Fi name or password (Security Key), see Wi-Fi name (SSID) in Wi-Fi router or Wi-Fi Basic Settings on WEB UI and change password (Security Key). For details, see "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. For details, see each topic of "Connecting with WLAN."
- Q. PC does not recognize Wi-Fi router by USB connection (Windows 10)
- A. Confirm that Wi-Fi router is properly connected to PC.
- A. Remove Wi-Fi router from PC, restart PC, then reconnect Wi-Fi router.
- A. Follow these steps to confirm proper Wi-Fi router
  - Right-click the Start menu 

    Device Manager

    Confirm that the following are shown
  - Before driver installation: "ZTE USB SCSU CD-ROM USB Device" in "DVD/CD-ROM drives," "USB Mass Storage Device" in "Universal Serial Bass Controllers"
  - · After driver installation: "Remote NDIS based Internet Sharing Device" in "Network adapters"

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

Open Desktop window Explorer Right-click

PC Properties System Properties Confirm that the following are shown.

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

Open Desktop window Explorer Right-click

Computer Properties System Properties

Hardware Device Manager Confirm that the following are shown.

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

Start Explorer Right-click Computer Hardware System Properties Hardware Device Manager Confirm that the following are shown.

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

- Q. Installer does not automatically activate (Windows PC)
- A. It takes time to recognize new hardware. Wait for approximately ten seconds.
- A. When some security software is installed in your PC, stop security software before installing. For stopping security software, see security software user quide.
- Q. Charging time is long
- A. Charging via USB connection with PC takes longer. Do not use except for compatible AC Charger (sold separately) or supplied Micro USB Cable to charge Battery. May cause malfunction.
- A. It takes longer to charge while using Wi-Fi router.
- O. Internet connection fails
- A. Make sure you are within the service area.
- A. If signal reception is poor, move to where signal is strong, then reconnect.
- A. The access point might be busy depending on the time of day, wait a little while then reconnect.
- A. Activate WEB UI and confirm that Wi-Fi Spot setting and network settings are correct.
- Q. Unable to connect Wi-Fi Spot
- A. Confirm that access point to be connected is compatible with Wi-Fi router. For specifications of access point, see access point user guide.
- A. Confirm that Wi-Fi Spot settings such as password (Security Key) are properly made. For settings, see "Setting Wi-Fi Spot" and "Wi-Fi Spot Settings."
- Q. Transmission fails
- A. Signal may be weak. Move to where signal is stronger.
- A. Check Battery of Wi-Fi router. If Battery is low, charge Battery with PC using Micro USB Cable or AC Charger (sold separately).
- A. Confirm that Wi-Fi router and WLAN device, PC, etc. are properly connected via WLAN or Micro 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.
- O. Transmissions are slow
- A. Signal may be weak. Move to where signal is stronger.
- A. Connection may be poor. Try again later.
- A. Interference with nearby WLAN device etc. may occur. Change Wi-Fi router channel or connect with Micro USB Cable. For changing WLAN channel, see "LAN Wi-Fi Advanced Settings."
- A. Using TV, radio or microwave oven may cause interference signal reception of Wi-Fi router. Use them apart from Wi-Fi router or turn them off to check if they interfere Wi-Fi router signal reception.
- A. If temperature of Wi-Fi router remains high for a long time, communication may be restricted. Try to connect after a while.
- A. If Wi-Fi router is covered with cover or case, remove it.
- A. When Power-save mode is ON, the maximum communication speed is reduced to save power consumption. Turn Power-save mode to OFF. For details, see "Using Power-Save Mode" and "Setting Power-Save Mode."
- Q. Forgot PIN/Unknown PUK Code/USIM Card is locked
- A. Contact Customer Service, General Information.
- Q. USIM Card is not recognized/recognized as an invalid USIM Card
- A. Make sure USIM Card is inserted correctly. For details, see "Installing USIM Card."
- A. Check USIM Card for warping.
- A. Check USIM Card IC chip for scratches/corrosion.
- A. Debris on USIM Card (particularly on IC chip) may prevent recognition. Clean it with a soft cloth.
- A. If problem persists, contact Customer Service, General Information.
- Q. Confirming Administrator logon
- A. For Windows 10, follow these steps to check.
   Right-click the Start menu (a) Control Panel (b)
   User Accounts (b) Make sure that the account type you are logging in as is "Administrator."
- A. For Windows 8.1, follow these steps to check.



- A. For Windows 8, follow these steps to check.

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



- A. For Mac OS X (10.14), follow these steps to check.

  In the Apple menu, System Preferences

  Users & Groups Confirm that account type is "Administrator."
- Q. Resetting factory defaults (Reset)
- A. Use Reset Button or WEB UI to reset. For details, see "Front/Top/Bottom" or "Resetting Wi-Fi Router" (for WEB UI).
- Q. Canceled phone number appears on WEB UI
- A. Phone number may appear on WEB UI screen depending on terms of contract or cancellation method.
- Q. Wi-Fi router operations are unstable
- A. Confirm that Wi-Fi router is not used in extreme temperatures/high humidity/direct sunlight/dusty areas. Read "Safety Precautions" beforehand for using under proper environment.
- Q. Wi-Fi router goes off
- A. Confirm that Wi-Fi router is not used in extreme temperatures/high humidity/direct sunlight/dusty areas. Read "Safety Precautions" beforehand for using under proper environment.
- A. Reboot Wi-Fi router and check battery level. If Battery is low, charge Battery, power on 10 minutes after charging starts, then check if Wi-Fi router works properly.
- Q. 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 Advanced Router Customization Select "ON" for "UPnP Settings" in "UPnP" Save Changes

- Q. IP address error is shown
- A. If IP address of Wi-Fi Spot and IP address of Wi-Fi router are duplicated, IP address error is shown on Display of Wi-Fi router. When using the Wi-Fi Spot function, and connect to the Internet through the access point of the public WLAN service, duplicating the IP address of the LAN Wi-Fi and Wi-Fi Spot may occur and Internet connection is unavailable in this situation. Activate WEB UI and Settings 
  Advanced Router 
  LAN Settings 🔷 Change current IP address in "IP address" to a different IP address. (by default, IP address of Wi-Fi router is set to "192.168.128.1." If an IP address error occurs in this setting, change the third portion of the "128" in the "192.168.128.1" from the left to another number). Accordingly, change starting IP address/ending IP address in "DHCP IP Pool" and click Save Changes . When Wi-Fi router's IP address is changed, changing some settings of Advanced Router for functions linked to the IP address may be required.

# Specifications

# Wi-Fi Router

| Item                                | Description  |
|-------------------------------------|--|
| Product Name                        | 801ZT  |
| Dimensions                          | Approx. 71 mm (H) x 71 mm (W) x 14.2 mm (D)  |
| Weight                              | Approx. 93 g   |
| Interface                           | USB 2.0 (Micro USB terminal)   |
| Power<br>Consumption                | On standby: 0.008 W On communication: 1.0 W *Power consumption varies by usage.  |
| Operation<br>Environment            | Operating Temperature: 0 to 35℃<br>Humidity: 5% to 95%   |
| Compatible<br>Networks              | Japan: AXGP: 2.5 GHz<br>FDD-LTE: 900 MHz, 1.7 GHz, 2.1 GHz<br>3G: 900 MHz, 2.1 GHz   |
| Frequency                           | AXGP: Upstream: 2496 MHz to 2690 MHz Downstream: 2496 MHz to 2690 MHz FDD-LTE: Upstream: 900 MHz to 915 MHz, 1710 MHz to 1785 MHz, 1920 MHz to 1980 MHz Downstream: 945 MHz to 960 MHz, 1805 MHz to 1880 MHz, 2110 MHz to 2170 MHz 3G: Upstream: 880 MHz to 915 MHz, 1920 MHz to 1980 MHz Downstream: 925 MHz to 960 MHz, 2110 MHz to 2170 MHz WLAN: 2400 MHz to 2482.5 MHz (13ch all) |
| Continuous<br>Standby Time          | 1050 hours   |
| Continuous<br>Communication<br>Time | Power-save mode ON: Approx. 10 hours Power-save mode OFF: Approx. 8.5 hours  |

 $<sup>\</sup>cdot$  Continuous standby time and continuous communication time depend on environment, signal conditions, etc.

# Internal Battery

| Item     | Description |
|----------|-------------|
| Voltage  | 3.85 V      |
| Туре     | Lithium-ion |
| Capacity | 2000 mAh    |

# Micro USB Cable

| Item                             | Description              |
|----------------------------------|--------------------------|
| Product Name                     | Micro USB Cable (ZEDAD1) |
| Cable Length                     | 1200 mm                  |
| Plug Type                        | Standard-A, micro-B      |
| Charging<br>Temperature<br>Range | 0 to 55℃                 |

## Material List

| Parts  | Materials/Finishing                           |
|--|---|
| Wi-Fi router:<br>Outer Case<br>(Front)                     | PC/PET, Backside printing/Hard coating        |
| Wi-Fi router: Outer Case (Side)                            | PC+10% GF, UV coating                         |
| Wi-Fi router: POWER Key                                    | PC, UV coating                                |
| Wi-Fi router:<br>LOCK Key                                  | PC, UV coating                                |
| Wi-Fi router:<br>Outer Case<br>(Backside)                  | PC, UV coating                                |
| Wi-Fi Router:<br>USIM Card<br>Slot cover                   | PC+Elastomer, UV coating                      |
| Wi-Fi Router:<br>USIM Card<br>Slot (Resin<br>Part)         | LCP   |
| Wi-Fi Router:<br>USIM Card<br>Slot (Metal<br>Part)         | Phosphor bronze, gold plating/nickel plating  |
| Micro USB Cable: External Connection Terminal (Resin Part) | PA resin                                      |
| Micro USB Cable: External Connection Terminal (Metal Part) | SUS+Copper alloy, nickel plating/gold plating |
| Micro USB<br>Cable: Outer<br>case                          |   |
| Micro USB<br>Cable: USB<br>plug                            | Iron, nickel plating                          |
| Micro USB<br>Cable: Micro<br>USB plug                      |   |

# Warranty & Service

#### Warranty

- $\cdot$  Wi-Fi router warranty is for 1 year from date of purchase.
- Repair may be made free of charge under the terms of free repair. See SoftBank Website for terms of free repair. https://cdn.softbank.jp/mobile/set/common/pdf/legal/ spguide/common/warranty.pdf (Japanese)
- · Warranty covers Wi-Fi router. Cables and complimentary sample accessories are not covered by warranty.

#### Precaution

#### **Damages**

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

#### Accidents/Repair

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

#### Disassembling/Modifying Wi-Fi Router

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

#### Servicing

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

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

  Repair parts (for maintaining product performance) are stocked for approximately four years after end of production.

However, repair may not be possible even at cost within this period due to stock conditions.

# Further Inquiry

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

## Customer Service

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

#### General Information

Direct all inquiries to SoftBank, from charges to service information, here.

From a SoftBank handset, dial toll free at 157
From a landline/IP phone, dial toll free at @ 0800-919-0157
Hours of service: 9 am to 8 pm

#### For Customer Assistance

Use the number below in case of loss or needing repair:
From a SoftBank handset, dial toll free at 113
From a landline/IP phone, dial toll free at ® 0800-919-0113
Hours of service: 9 am to 8 pm

## SoftBank Technical Support Center

Setup, Operations & Technical Issues: From a SoftBank handset, dial toll free at  $\,\times\,$  5525 From a landline/IP phone, dial toll free at  $\,\oplus\,$  0088-21-5525

· Service hours

Weekdays 9:00 am - 7:00 pm Saturdays, Sundays, and holidays 9:00 am - 5:00 pm

## SoftBank Global Call Center

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

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

Hours of service: 24 hours

# Safety Precautions

| Safety Precautions                                  | 202 |
|---|-----|
| General Notes                                       | 208 |
| Specific Absorption Rate (SAR) Information for this |     |
| Product   | 210 |

# Safety Precautions

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

#### Labels & Symbols

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

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

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

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

# Wi-Fi Router, USIM Card, Micro USB Cable, Charger

# **⚠** DANGER



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

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



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

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



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

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



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

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



Do not subject Wi-Fi router to excessive force or break it. Especially when carrying it in your pocket, do not hit it or press it between other objects.

Internal Battery ignition, explosion, heat generation, or leak breakage may cause fire, burns, injury, etc.

- \* Take additional care in instances such as the following:
- $\cdot$  Sitting or squatting with the Wi-Fi router in your pants or skirt pocket
- · Wi-Fi router becoming caught in a sliding door or vehicle door when in a jacket pocket
- $\cdot$  Stepping on Wi-Fi router when it is on something soft such as a sofa, bed, or futon or on the floor



Do not disassemble or modify.

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



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

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



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

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



Use specified optional accessories only.

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

## **⚠ WARNING**



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

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



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

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



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

May cause fire, burns, etc.



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

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



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

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



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

- · Unplug Wi-Fi router/related hardware.
- · Power off.

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

# **A** CAUTION



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

May cause fire, burns, injury, etc.



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

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



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

May cause fire, burns, electric shock, etc.



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

May cause injury.



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

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



Wi-Fi router temperature may become high when used continuously or while charging. Avoid

continued contact with Wi-Fi router for a long time involuntarily such as by falling asleep, etc.

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

#### Wi-Fi Router

## **⚠** DANGER



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

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



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

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



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

May cause blindness or poor health.



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

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

# **⚠** WARNING



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

Insert USIM Card in correct position and orientation.

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



Power off when boarding aircraft.

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



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

Power off in a prohibited area. Wi-Fi router radio waves may affect electronic equipment or electric medical equipment.



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

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



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

Wi-Fi router radio waves may cause electronic malfunction, etc.

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



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

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



If Internal Battery leaks or has an unusual smell, immediately stop using, and keep away from fire

The leaked fluid may catch on fire causing ignition, explosion, etc.



Do not allow a pet, etc. to bite Wi-Fi router.

Internal Battery may ignite, explode, overheat, or leak causing fire, burns, injury, etc.

# **A** CAUTION



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

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



Do not dispose Wi-Fi router together with ordinary trash.

May cause fire, burns, injury, etc. Also, may cause environmental destruction. Bring unnecessary handset into a sales outlet such as a Y!mobile Shop or follow the municipality instructions for recycling.



If the internal fluid is leaked from Internal Battery, do not allow it to contact the skin of your face or hands, or clothes.

May cause injury to eyes, skin, etc. If the internal substance gets into your eyes, mouth, etc., or contacts your skin or clothes, immediately rinse with clean water. Also, in case it gets into your eyes, mouth, etc., immediately consult a doctor after rinsing.



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

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



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

May deteriorate vision.



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

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

#### AC Charger & Micro USB Cable

## ♠ WARNING



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

May cause fire, burns, electric shock, etc.



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

May cause fire, burns, electric shock, etc.



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

May cause electric shock, etc.



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

May cause fire, burns, electric shock, etc.



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

May cause fire, burns, electric shock, etc.



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

May cause fire, burns, electric shock, etc.



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

May cause ignition, overheating, electric shock, etc.



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

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



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

May cause fire, burns, electric shock, etc.



Use specified power supply and voltage.

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

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



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

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



Plug Micro USB Cable firmly into Wi-Fi router.

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



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

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



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

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



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

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



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

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



If liquid such as water (drinking water, sweat, seawater, urine of pets, etc.) gets on equipment, immediately disconnect the power plug from an outlet.

Liquid on equipment may result in short-circuit causing fire, burns, electric shock, etc.



Disconnect Micro USB Cable from Wi-Fi router before cleaning.

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

# **⚠** CAUTION



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

May cause burns.

#### **USIM** Card

## **⚠** CAUTION



When handling SIM Cards, be careful of the cut surface so as not to hurt your body parts such as fingers.

Cut surface may be sharp and may cause injury, etc.

# Wi-Fi Router Use & Electronic Medical Equipment

## **⚠** WARNING



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

 $\mbox{Wi-Fi}\ \mbox{router}\ \mbox{radio}\ \mbox{waves}\ \mbox{may}\ \mbox{affect}\ \mbox{the}\ \mbox{electric}\ \mbox{medical}$  device.



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

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



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

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



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

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

#### General Notes

#### For Safety

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

## Do Not Disturb Others

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

#### General Use

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

#### Wi-Fi (Wireless LAN)

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

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



· 2.4: 2400 MHz range

avoided.

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

- · Available channels vary depending on the country.
- · For use aboard aircraft, contact the airline 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 and take measures (e.g. wall partitions, etc.), or move to another location to avoid crosstalk.
- Since information is exchanged between terminals and the Wireless LAN access points, an advantage of Wireless LAN connections is that LAN connections can be freely enabled within the reachable range of the signals. However, if the security settings are not set, there is a possibility that security issues may arise from the interception of communication data and illegal intrusions. Wi-Fi router is configured to work with its security functions at the time of purchase. However, in consideration of security, it is recommended that the security settings at the time of purchase be changed.
- Use Wi-Fi router with the understanding that the Wireless LAN specifications can be breached via special methods.
- Inquire with Customer Service to consult if you are unable to configure the security settings.
- SoftBank Corp. cannot be held liable for WLAN security issues.

# Specific Absorption Rate (SAR) Information for this Product

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

This product [801ZT] meets Japanese technical regulations\* and international guidelines for exposure to radio waves. The Japanese technical regulations for exposure to radio frequency energy established permitted levels of radio frequency energy, based on standards developed by independent scientific organizations through periodic and thorough evaluation of scientific studies.

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

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

The limit includes a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The value of the limit is equal to the value given in international guidelines recommended by ICNIRP\*\*, which is in collaboration with the World Health Organization (WHO). The highest SAR value for this product is 1.73 W/kg\*\*\* when used close to the body in the below manner\*\*\*\*. While there may be differences between the SAR levels of various products and at various positions, all products meet

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

· Use close to the body\*\*\*\*

the Japanese technical regulations.

- To use this product close to the body, maintain a separation of 0.5 cm with no metal (parts) between it and the body. This will ensure this product meets the Japanese technical regulations for exposure and international guidelines for radio wave protection.
- \* The technical regulations are provided in Article 14-2 of the Ministry Ordinance Regulating Radio Equipment.
- \*\* International Commission on Non-Ionizing Radiation Protection
- \*\*\* The value is under simultaneous transmission use conditions.

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

For more information about SAR, see the following websites:

-Ministry of Internal Affairs and Communications (MIC)

http://www.tele.soumu.go.jp/e/sys/ele/body/index.htm

-Association of Radio Industries and Businesses (ARIB) http://www.arib-emf.org/01denpa/denpa02-02.html

This product [801ZT] is confirmed to comply with guidelines relating to effects of radio wave exposure as set forth by the Council of Europe (CE). Refer to the following.

#### European RF Exposure Information

Your mobile device is a radio transmitter and receiver. It is designed not to exceed the limits for exposure to radio waves recommended by international guidelines. These guidelines were developed by the independent scientific organization ICNIRP and include safety margins designed to assure the protection of all persons, regardless of age and health. The guidelines use a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit for mobile devices is 2.0 W/kg. As mobile devices offer a range of functions, they can be used in other positions, such as on the body. In this case, the highest tested SAR value is 1.063 W/kg\* at the separation distance of 0.5 cm from the body. For electronic safety, maintain the separation distance with accessories containing no metal, that position handset a minimum of the above distance. Use of other accessories may not ensure compliance with RF exposure guidelines.

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

## EU DECLARATION OF CONFORMITY



It is hereby declared that following designated product:

Product Type: LTE Ufi Model No: 801ZT

Product Description: LTE Ufi

Complies with the essential protection requirements of Directives on Radio Equipment Directive 2014/53/ EU,Restriction of the Certain Hazardous Substances in electrical and electronic equipment (Directive 2011/65/EU) and their amendments.

This declaration applies to all specimens manufactured identical to the samples submitted for testing/evaluation. The assessments were based on the following regulations and standards:

| Requirement       | Description  |
|-------------------|--|
| Health and safety | Standard: EN 50566:2013/AC:2014 EN 62209-2:2010 Report No.: SRTC2017-9004(R)-0048 Assessment Body: PHOENIX TESTLAB GmbH (Notified body 0700) EU-type examination certificate: 17-210939 Standard: EN 60950-1:2006+A11:2009 +A1:2010+A12:2011+A2:2013 Report No.: SRTC2017-9003(R)-0020 Assessment Body: PHOENIX TESTLAB GmbH (Notified body 0700) EU-type examination certificate: 17-210939 |
| EMC               | Standard: Draft EN 301 489-1 V2.2.0 Draft EN 301 489-17 V3.2.0 Draft EN 301 489-52 V1.1.0 Report No.: SRTC2017-9003(R)-0021 Assessment Body: PHOENIX TESTLAB GmbH (Notified body 0700) EU-type examination certificate: 17-210939  |

|          | Standard:                                |
|----------|--|
|          | EN 301 908-1 V 11.1.1                    |
|          | EN 301 908-2 V 11.1.1                    |
|          | EN 301 908-13 V 11.1.1                   |
|          | EN 300 328 V2.1.1                        |
| Radio    | Report No.:                              |
|          | SRTC2017-9004(R)-0045                    |
| Spectrum | SRTC2017-9004(R)-0046                    |
|          | SRTC2017-9004(R)-0047                    |
|          | Assessment Body:                         |
|          | PHOENIX TESTLAB GmbH (Notified body      |
|          | 0700) EU-type examination certificate:   |
|          | 17-210939                                |
|          | Standard:                                |
| RoHS     | IEC 62321                                |
|          | Report No.:                              |
|          | SET2017-03540                            |
|          | Assessment Body:                         |
|          | CCIC Southern Electronic Product Testing |
|          | (Shenzhen) Co., Ltd.                     |
|          |  |

This declaration is the responsibility of the manufacturer:  $\ensuremath{\mathsf{ZTE}}$  Corporation

ZTE Plaza, Keji Road South, Hi-Tech, Industrial Park, Nanshan District, Shenzhen, Guangdong, 518057, P.R.China Authorised person signing for the company: Yao Cuifeng Chief Quality Officer of ZTE Corporation

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Shenzhen, 27th Apirl 2017

## Specification

#### EUT supported radio applications

- · WCDMA Band 1, 8
- · LTE Band 1,3,8,41
- · 802.11b/g/n

#### HSDPA:

- · DL 14.4Mb/s(Category 10)
- · DL 21Mb/s(Category 14)

#### HSUPA:

· UL 5.76Mb/s(Category 6)

## LTE FDD(Category 4):

- · DL 150Mb/s
- · UL 50Mb/s

#### LTE TDD(Category 4):

- · DL 117Mb/s
- · UL 9Mb/s

#### Maximum RF output power

- · WCDMA Band 1: 24dBm
- · WCDMA Band 8: 24dBm
- · LTE Band 1: 23dBm
- · LTE Band 3: 23dBm
- · LTE Band 8: 23dBm
- · LTE Band 41: 23dBm
- · 802.11b/g/n: 17.8dBm(EIRP)



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# 801ZT User Guide

April 2019, First Edition SoftBank Corp.

Visit SoftBank Shop for assistance

Model: 801ZT Manufacturer: ZTE Corporation