SoftBank 101SB

User Guide

SoftBank

Introduction

Thank you for purchasing SoftBank 101SB.

- SoftBank 101SB is referred to as “Wi-Fi router” in this guide.
- For proper Wi-Fi router use, read “QuickStart” and this guide beforehand.
- Accessible SoftBank Mobile services may vary by subscription, etc.
- Wi-Fi router is designed for use in Japan only and cannot be used in any other countries.

SoftBank 101SB is compatible with 3G.

Notes

· Unauthorized copying of any part of this guide is prohibited.
· Contents are subject to change without prior notice.
· Steps have been taken to ensure the accuracy of descriptions in this guide. If you find inaccurate or missing information, contact SoftBank Customer Support (P.6-3).

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Operating Environment

Use Wi-Fi router in any of these operating environments:

- Compatible Operating Systems:
  Windows® XP
  Windows Vista®
  Windows® 7
  Mac OS X or later

  Compatible OS includes both English and Japanese versions.
- Compatible Browser:
  Windows
  Internet Explorer 6.0 or later
  Mac OS X
  Safari 1.0 or later
  Chrome
  Firefox

Use outside these environments may affect performance. Operating environment (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For PC support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.

General Use

- Even within service areas, transmissions may be disrupted inside buildings, aboard trains, inside tunnels, underground, behind buildings, in valleys, etc. Signal may be weak in some areas. Signals may not travel well in some areas in certain regions.
- Extremely strong or weak signals may disrupt transmissions. Transmissions may be disrupted even when signals are fine.
- Router transmissions are highly secure, however, eavesdropping can occur. Please use accordingly.
- Wi-Fi router is a radio as stipulated by the Radio Law. Under the Radio Law, it must be submitted for inspection upon request.
- Use Wi-Fi router without disturbing others.
- USIM Card must be inserted to use 3G or SoftBank Wi-Fi Spots, or to perform software update.
- SoftBank Mobile is not liable for any damages/recovery costs associated with the use of Wi-Fi router.
- Wi-Fi router is designed for use in Japan only. Keep Wi-Fi router off in any other countries.
- Wi-Fi router is not licensed for use outside Japan.
- Powering on Wi-Fi router outside Japan may be in breach of laws and subject to a penalty.
- Wi-Fi router software can be updated. Use Wi-Fi router with the latest software.

- Read Safety Precautions before using Wi-Fi router. Be sure to keep this guide handy for future reference.
- Observe precautions to avoid injury to self or others, or damage to property.
- SoftBank Mobile is not liable for any damages resulting from use of Wi-Fi router.

Labels

These labels show degree of risk from improper use; learn them before reading on:

⚠ DANGER	Great risk of death or serious injury[1]
⚠ WARNING	Risk of death or serious injury[1]
⚠ CAUTION	Risk of minor injury[2] or damage to property[3]

[1] Includes blindness, wounds, low/high heat burns, electric shock, bone fractures, poisoning or other physical harm with aftereffects, or requiring hospitalization or ongoing hospital visits.
[2] Includes wounds, burns, electric shock or other physical harm not requiring hospitalization or ongoing hospital visits.
[3] Includes damage to home, furniture, livestock, pets, etc.

Symbols

These symbols signify prohibited/compulsory actions; learn them before reading on:

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

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

⚠ DANGER

Use specified Battery, AC Charger, Micro USB Cable only.

Non-specified equipment use may cause Battery to leak, overheat, burst or ignite, and may cause AC Charger to overheat, ignite, malfunction, etc.

Do not disassemble, modify or solder Wi-Fi router or related hardware.

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

Do not expose to liquids.

Do not let exposed internal parts remain wet; do not charge wet Battery. May cause overheating, electric shock, fire, injury or malfunction. Use only as directed.

Do not charge Battery in or expose Wi-Fi router or related hardware to extreme heat (fire, heat sources, direct sunlight, inside vehicles, etc.).

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

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

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

⚠ WARNING

Do not place Wi-Fi router, Battery, AC Charger, Micro USB Cable in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.

Battery may leak, overheat, burst or ignite. Wi-Fi router/AC Charger/Micro USB Cable may overheat, emit smoke, ignite, malfunction, etc.

Keep Wi-Fi router off and AC Charger disconnected near gas stations or places with fire/explosion risk.

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

Do not drop/throw or apply strong impacts.

Battery may leak, overheat, burst or ignite, resulting in fire, electric shock, malfunction, etc.

For unusual sound/odor, smoke or other abnormality:

Continued use may cause fire, electric shock, etc.; grasp plug to disconnect AC Charger, power off, then remove Battery, being careful not to burn or injure yourself.

Keep liquid (water, pet urine, etc.) or conductive material (pencil lead, metal strip/jewelry, etc.) away from External Device Port.

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

⚠ CAUTION

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

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

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

Infants may choke from swallowing Wi-Fi router or related hardware or be injured, etc.

For use of Wi-Fi router/related hardware by child, explain instructions and supervise use.

Misuse may cause injury, etc.

Battery

Read Battery label to confirm battery type; use/dispose of Battery accordingly.

Symbol on Label	Battery Type
Li-ion 00	Lithium-ion

⚠ DANGER

Do not dispose of Battery in fire.

Battery may leak, burst, ignite, etc.

Do not damage (nail, hammer, stomp, etc.) Battery or subject it to strong impacts.

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

Keep wire or other metal objects away from Battery terminals. Do not carry/store Battery with conductive material (pencil lead, metal strip/jewelry, etc.).

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

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

Eyes may be severely damaged.

⚠ WARNING

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

May cause skin damage.

If Battery does not charge properly, stop trying.

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

For abnormal odor, excessive heat, discoloration or distortion, remove Battery, being careful not to burn or injure yourself. Avoid fire sources.

Continued use may cause Battery to leak, overheat, burst, ignite, etc.

Keep Battery away from pets.

Pet bites may cause Battery to leak, burst, overheat, ignite, resulting in fire, malfunction, etc.

⚠ CAUTION

Do not dispose of an exhausted Battery with ordinary refuse.

Tape over Battery terminals before disposal. Take Battery to a SoftBank Shop or follow the local disposal regulations.

Wi-Fi Router

⚠ WARNING

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

Excessive pressure may damage Wi-Fi router or Battery, resulting in overheating, fire or injury.

Power off near electronic devices that employ high precision control systems or weak signals.

May cause electronic malfunctions, etc. Take added care near these devices: Hearing aids, implanted pacemakers/defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.

Power off before boarding aircraft.

May cause radio wave interference with aircraft operations. The use of portable electronic devices such as cellular phones aboard aircraft is prohibited by law and subject to a penalty.

If thunder is audible while outdoors, power off; find cover.

There is a risk of lightning strike or electric shock.

⚠ CAUTION

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

Wi-Fi router use inside vehicles may cause electronic equipment to malfunction, resulting in accidents.

For any skin irritation associated with use, discontinue use and consult a doctor.

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.

	Parts	Materials/Finishing
101SB	Wi-Fi router (including Battery Cover)	ABS+PC, paint finishing
	Display cover (lens)	Glass + PET
	Label	PP
	Frame	ABS+PC, NCVM
	Power Button/WPS Button	PC, VM
	External Device Port	Stainless
	USIM/SD Card connector	Stainless
	Battery	PC
	Battery sponge cover	Sponge
	Screws	Carbon steel, nickel plating + nylon
Cradle	Body	ABS+PC
	Bottom	Rubber
	Micro USB Port	Stainless
	LAN Port	PBT
	Power Lamp	PC
	Screws	Carbon steel, nickel plating
Micro USB Cable	Exterior coating material	TPE
	Plug	Iron + nickel plating
	Micro USB plug	Stainless
AC Charger	Body	ABS+PC
	Plug	Copper + nickel plating

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

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

Wi-Fi router may become hot while in use, especially at high temperature.

Prolonged contact with skin may cause burn injuries.

USIM Card

⚠ CAUTION

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

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

Do not use USIM Card other than specified one.

May cause data loss or malfunction.

AC Charger, Micro USB Cable, Cradle

⚠ WARNING

Do not cover/wrap AC Charger/Cradle while charging.

AC Charger/Cradle may overheat, resulting in fire, malfunction, etc.

Use only the specified voltage.

Non-specified voltages may cause fire, malfunction, etc.
AC Charger: AC 100V-240V Input
Do not use power adapters. Transformer use may cause fire, electric shock or malfunction.

Unplug AC Charger for periods of disuse; grasp plug to disconnect.

May cause electric shock, fire or malfunction.

If liquid (water, pet urine, etc.) gets inside, grasp plug to disconnect it immediately.

May cause electric shock, fire or malfunction.

To remove debris, grasp plug to disconnect AC Charger, then clean with dry cloth.

Fire may result.

Plug AC Charger firmly into the outlet, keeping plug and AC Charger/Cradle/Micro USB Cable charging terminals away from conductive material (pencil lead, metal strip/jewelry, etc.).

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

Do not touch plug with wet hands.

May cause electric shock, malfunction, etc.

Do not touch AC Charger if thunder is audible.

May cause electric shock, etc.

⚠ CAUTION

Grasp plug to disconnect AC Charger before cleaning.
May cause electric shock, etc.

Always grasp plug (not cord) to disconnect AC Charger.
Pulling plug by cord may damage cord; cause electric shock, fire, etc.

Do not subject AC Charger to strong impacts while it is plugged in.
May cause malfunction or injury.

Do not touch Wi-Fi router with sweaty hands or place it into a sweaty clothes pocket.
Sweat and humidity may corrode internal components of Wi-Fi router and cause overheating or malfunction.

Do not pull, bend with excessive force or twist Micro USB Cable.
Do not damage or modify Micro USB Cable. Do not place objects on Micro USB Cable.
Do not expose Micro USB Cable to excessive heat.
Damage to Micro USB Cable may cause electric shock, overheating or fire.

Wi-Fi Router Use & Electronic Medical Equipment

⚠ WARNING

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

Persons with implanted pacemaker/defibrillator should keep Wi-Fi router more than 22cm away.
Radio waves may interfere with implanted pacemakers or defibrillators.

If you intend to use electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.
Radio waves may interfere with electronic medical equipment.

Observe these rules inside medical facilities to avoid effects of radio waves on electronic medical equipment:

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying a Wi-Fi router.
- Keep Wi-Fi router off in hospitals.
- Even in lobbies or other places where Wi-Fi router use is permitted, keep Wi-Fi router off near electronic medical equipment.
- Obey medical facility rules on Wi-Fi router use.

Power off in crowds or trains where persons with implanted pacemaker/defibrillator may be near.
Radio waves may interfere with implanted pacemakers or defibrillators causing such devices to malfunction.

General Notes

General Use

- Wi-Fi router transmissions may be disrupted inside buildings, tunnels or underground, or when moving into/out of such places.
- Use Wi-Fi router without disturbing others. Theaters and public transportation systems may or may not allow use of Wi-Fi router.
- Wi-Fi routers are radios as stipulated by the Radio Law. Under the Radio Law, Wi-Fi routers must be submitted for inspection upon request.
- Files may be lost or damaged in the following situations. SoftBank Mobile is not liable for damages incurred due to lost or altered information. To minimize damages, back up data and store separately.
  - When using Wi-Fi router incorrectly.
  - When affected by static electricity or electrical noise.
  - Powering Wi-Fi router off while in use.
  - When Wi-Fi router breaks down or is submitted for repair.
- The Ordinance of the Ministry Specifying Goods and Technologies Pursuant to Provisions of the Appended Table 1 of the Export Trade Control Order and the Appended Table of the Foreign Exchange Order documents might be needed depending on what kinds of devices are taken overseas, but no such license is required when you take Wi-Fi router abroad for personal use on a vacation or business trip and then bring it back. However, an export license may be required to carry Wi-Fi router into other countries if it is to be used by or transferred to another person. Export control regulations in the United States provide that an export license granted by the US government is required to carry Wi-Fi router into Cuba, Iran, North Korea, Sudan or Syria. For details on the particulars of regulations for export laws and ordinances and procedures visit the Ministry of Economy, Trade and Industry's Security Export Control Division's website.
- 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).
- If Wi-Fi router is used for a long time or while charging, Wi-Fi router may become hot.
- Prolonged contact with skin may cause burn injuries.
- AC Charger may become hot while charging.

Aboard Aircraft

- Power off before boarding aircraft. May cause radio wave interference with aircraft operations. The use of portable electronic devices such as cellular phones aboard aircraft is prohibited by law and subject to a penalty.

Handling

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

Wi-Fi (Wireless LAN)

Precautions

- Do not use Wi-Fi (WLAN) near magnetic devices such as electrical appliances, audiovisual equipment, office automation equipment, or where there are electromagnetic waves.
  - Magnetism or electrical noise may increase noise or disable communications (especially when using a microwave oven).
  - Wi-Fi router use near TV, radio, etc. may cause interference.
  - The target access point may not be detected correctly if there are multiple access points nearby.
- Wireless Frequencies & Modulations
  Wi-Fi frequency information: Inside Wi-Fi router Battery Cover.

  2.4: 2400 MHz range
  DS/OF: DSSS or OFDM modulation
  4: Maximum interference range of 40 m
  ■■■: Utilizes 2400 - 2483.5 MHz band, and it is possible to avoid using the frequency band of the mobile unit identification apparatus.
  - Available channels vary depending on the country.
  - For use aboard aircraft, contact the airline beforehand.

2.4 GHz Device Cautions

Wi-Fi router operates in the 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 no 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 to premises radio stations for identifying mobile units, immediately change frequency band, stop use, move to another location to avoid crosstalk (e.g. wall partitions, etc.).

WLAN Usage Security Precautions

Using Wi-Fi router without setting security increases risk of data interception. Wi-Fi router security is set by default. SoftBank recommends changing default security settings to enhance data safety. For more information on security settings, see this guide or Wi-Fi device guide.

- For assistance with security settings, contact SoftBank Customer Support.
- SoftBank cannot be held liable for WLAN security issues.

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1 Getting Started

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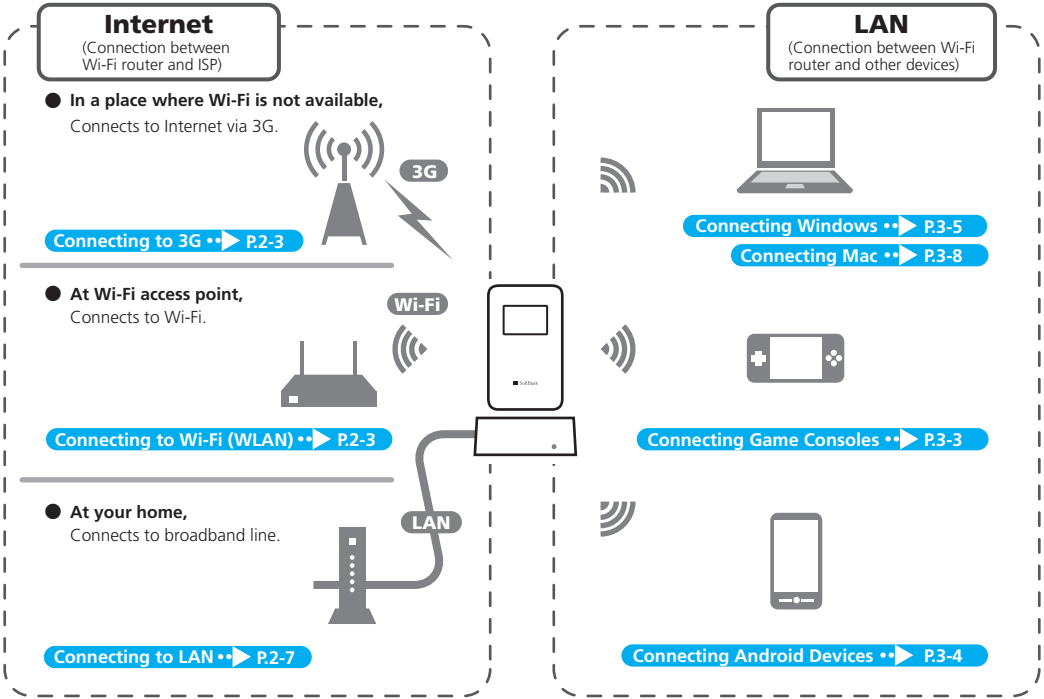
Charging Battery 1-14

What 101SB Wi-Fi router does:

Wi-Fi router automatically selects high-speed connection from 3G, Wi-Fi and LAN; connects up to 20 Wi-Fi devices (PCs, smartphones, etc.) to Internet simultaneously.



* LAN connection via USB cable is unavailable.

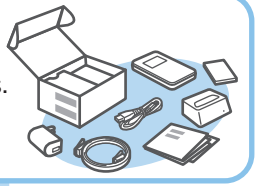
Installation Flow

Set up Wi-Fi router in the following order:

STEP 1

Check package contents.

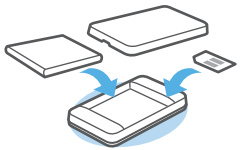
Package Contents P.1-4



STEP 2

Insert USIM Card and Battery.

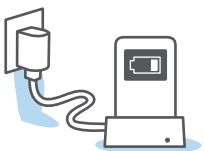
USIM Card P.1-11



STEP 3

Charge Battery.

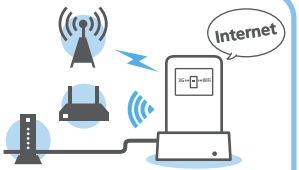
Battery P.1-14



STEP 4

Power on Wi-Fi router and set up Internet connection.

2. Internet Connectivity P.2-1



STEP 5

Make LAN connection settings.

3. Using LAN P.3-1

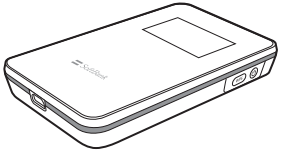
STEP 6

Make detailed settings as required.

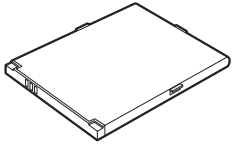
4. Settings P.4-1

Package Contents

Please confirm package contents before use.
Contact SoftBank Customer Support (P.6-3) for missing items.
Keep Warranty in a safe place.

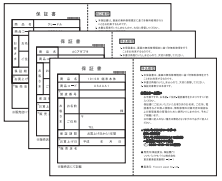


101SB

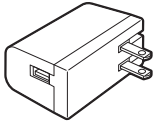


Battery (Two)
(USBAA1)

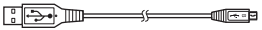
QuickStart (Japanese)



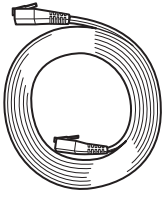
Warranty
(Wi-Fi Router, AC Charger, Cradle)



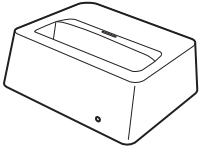
AC Charger (USCAA1)



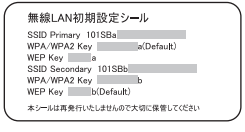
Micro USB Cable (sample)



LAN Cable (sample)



Cradle (USEAA1)



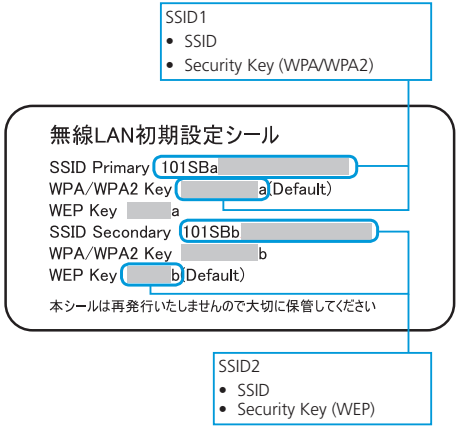
WLAN Initialization Sticker (Two)*

* If WLAN Initialization Sticker becomes lost, remove Battery and see inner label on Wi-Fi Router.

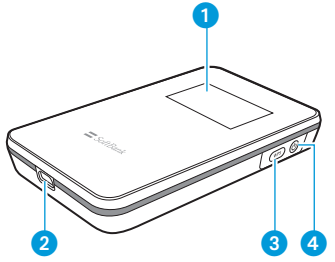
Factory Default Settings

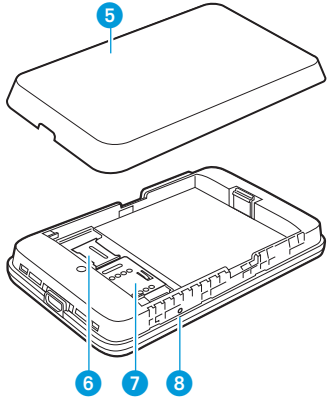
When connecting to a Wi-Fi (WLAN) device, SSID and security keys are required.
SSID and security keys are set by default. See WLAN Initialization Sticker for SSID, WPA/WPA2 Key, and WEP Key.

- Two SSIDs are set to Wi-Fi router. By default, WPA/WPA2 is set to SSID1 (SSID Primary); WEP is set to SSID2 (SSID Secondary). For greater security, use WPA/WPA2. Some game consoles may not be WPA compatible. See game console user guide for compatibility.



Part Names & Functions (Wi-Fi router)





1. **Display**
2. **External Device Port**
   - Connect Micro USB Cable here.
3. **WPS Button**
   - With Wi-Fi on, press and hold for WPS (Wi-Fi Protected Setup); adjust settings for WPS compatible Wi-Fi devices. See "Connecting to WPS Supported Wi-Fi Device" (P.2-5) and "Connecting WPS Supported Wi-Fi Devices" (P.3-3).
   - Press to check Wi-Fi router status and toggle information display.
   - Toggle Display, select or enter items.
4. **Power Button & Power Lamp**

   Press and hold to toggle power on/off.

   Power on to enable Wi-Fi.
   - Toggle Display, select or enter items.
   - Lamp illuminates or blinks in the following statuses:

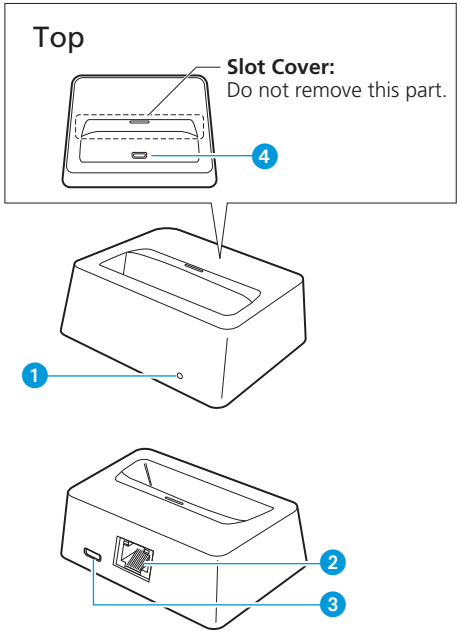
     Illuminates: Powered on, charging

     Blinking (slow): System standby/System deep standby mode

     Blinking (rapid): Error occurred or software update exists
5. **Battery Cover**
6. **Micro SD Card Slot**

   (Micro SD Card Slot is provided, but it does not accept Micro SD Cards.)
7. **USIM Card Slot**
8. **RESET Key**
   - Press to reset settings to defaults.

Part Names & Functions (Cradle)



1 Power Lamp
- Illuminates when AC Charger is plugged in.
  Green: 101SB is set in Cradle and powered on
  Red: 101SB is not set in Cradle or powered off

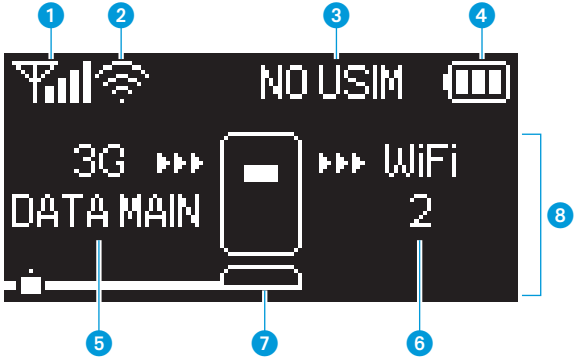
2 LAN Port & LINK/ACT Lamp
- Connect LAN cable.
- LINK/ACT Lamp illuminates or blinks in the following statuses:
  Green: LAN available
  Green (blinking): During data communication via LAN
  Yellow: Connected (100 Mbps)
  OFF: Connected (10 Mbps)

3 Micro USB Port
- Connect AC Charger with Micro USB Cable.

4 Cradle Port
- Wi-Fi router connects here.

- If Slot Cover is removed, Wi-Fi router will not stand stably in Cradle. Also, Cradle Port or External Device Port may be damaged.

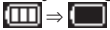
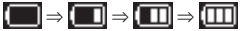
Display



1 Signal Strength
- ⇔ : Strong ⇔ Weak
- : Outside service area

2 Wi-Fi Signal Strength
- ⇔ : Strong ⇔ Weak

3 Error Indicator
- NO USIM : USIM Card is not installed.
- 3G OFF : 3G connection is disconnected.

4 Battery Strength
-  : Full ⇒ Empty
-  : Charging

5 Connection Status
- Type of network currently connected appears.

3G: Connected to 3G
- No Service: Outside service area
- DATA MAIN: Wi-Fi router is in Unlimited Data Discount Area
- DATA SUB: Wi-Fi router is in Unlimited Data Discount Sub Area

WiFi: Connected to Wi-Fi

INTERNET: Connected to LAN

6 Connected Wi-Fi devices

7 Cradle
- Appears when Wi-Fi router is inserted into Cradle.
- LAN status:

: LAN cable is not connected

: LAN cable is connected (Disconnected from Internet)

: LAN cable is connected (Connected to Internet)

8 Status Notifications
- Battery charging or WPS connection status. See "Status Notifications" (P.1-9).

- If Wi-Fi router is not used for a while, Display turns off automatically. Press Power Button to illuminate Display.

Status Notifications

These notifications may appear on Wi-Fi router:

Display	Status
	Charging (Power Off)
	Charging (Inactivated)
WPS Processing	Configuring WPS connection
WPS Succeed	WPS connection established
WPS Failed	WPS connection failed
Insert USIM	USIM Card is not installed
3G OFF	3G connection is off
Enter PIN	PIN entry is required
Enter PUK	PUK entry is required
PUK Lock	USIM Card is locked
SIM Lock	Invalid USIM Card is installed
Low Battery	Charge Battery now
Update Succeed	Software is updated successfully
Charging Failed	Wi-Fi router cannot be charged

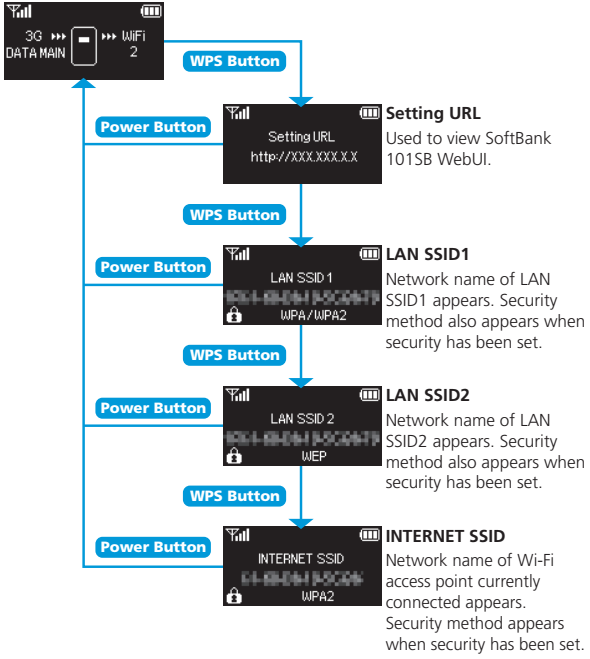
System Standby/System Deep Standby Mode

After no data communication and operation for a while, Wi-Fi router disconnects Wi-Fi and enters into Power saving mode (System standby mode). The mode is off while Wi-Fi router is inserted in Cradle or charging.
After no operation for a while in System standby mode, Wi-Fi router enters into System deep standby mode.
Press Power Button to cancel System standby/System deep standby mode.
The following animation appears while returning from System deep standby mode.

- Returning from System deep standby mode takes some time.

Status

Press WPS Button to view URL for SoftBank 101SB WebUI or Wi-Fi router's SSIDs.



Setting URL
Used to view SoftBank 101SB WebUI.

LAN SSID1
Network name of LAN SSID1 appears. Security method also appears when security has been set.

LAN SSID2
Network name of LAN SSID2 appears. Security method also appears when security has been set.

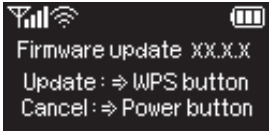
INTERNET SSID
Network name of Wi-Fi access point currently connected appears. Security method appears when security has been set.

Software Update

Wi-Fi router software can be updated. Wi-Fi router regularly checks for software updates.
A confirmation appears when update exists.
Manual update is also available in SoftBank 101SB WebUI. Be sure to Wi-Fi router with the latest software.

Updating Automatically

1 In Software Update Confirmation Window, press WPS Button
Software is updated and Wi-Fi router reboots automatically.
- To cancel software update, press Power Button.



2 Press Power Button

Updating Manually

Connect Wi-Fi router to PC and log in to SoftBank 101SB WebUI.
See "Software Update" (P.4-25).

- By default, Wi-Fi router is set not to perform automatic software update during 3G connection.
  Packet communication fee is incurred when updating via 3G. This setting can be changed.
  SoftBank recommends to update software via Wi-Fi or LAN.
  For settings, see "Software Update" (P.4-25).

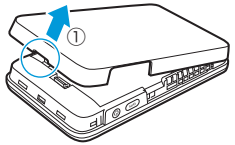
USIM Card is the property of SoftBank Mobile. The IC chip contains customer information including phone number. USIM Card must be installed for use. Without USIM Card, 3G, SoftBank Wi-Fi Spot and software update are unavailable. See USIM Card user guide (Japanese).

USIM Card Installation

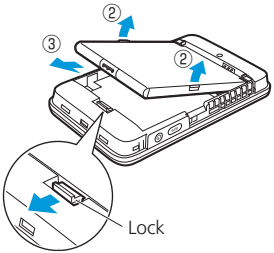
1 Power off

2 If Micro USB Cable is connected, remove it

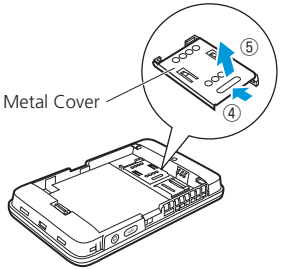
3 Hook finger in circled location and remove Cover ①



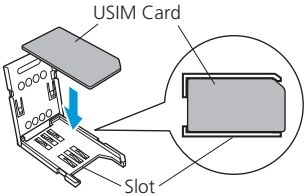
4 Unlock Battery, lift ② and remove it ③



5 Slide USIM Card Metal Cover ④ and lift it ⑤

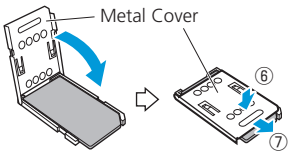


6 Insert USIM Card into Slot with IC chip down

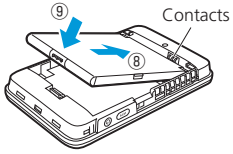


7 Put Metal Cover down, hold ⑥ and slide it ⑦ until it clicks

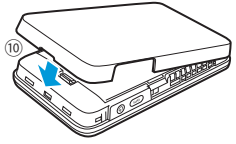
- If Metal Cover cannot be locked, lift it again and confirm USIM Card orientation.



8 **Align Battery terminal with contacts, slide forward ⑧, press down ⑨ to insert**



9 **Align Cover tab with groove, press down ⑩ until it clicks**

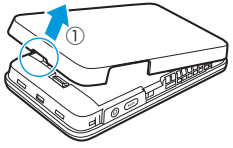


Removing USIM Card

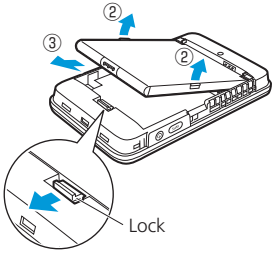
1 **Power off**

2 **If Micro USB Cable is connected, remove it**

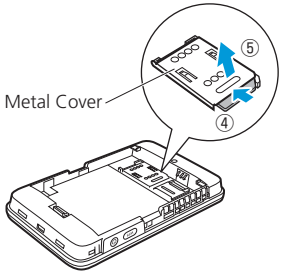
3 **Hook finger in circled location and remove Cover ①**



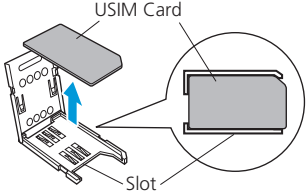
4 **Unlock Battery, lift it ② and remove it ③**



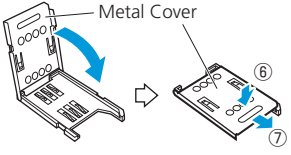
5 **Slide USIM Card Metal Cover ④ and lift it ⑤**



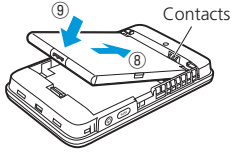
6 **Remove USIM Card from Slot**



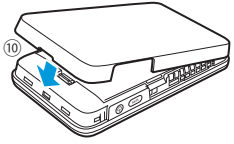
7 **Put Metal Cover down, hold ⑥ and slide it ⑦ until it clicks**



8 **Align Battery terminal with contacts, slide forward ⑧, press down ⑨ to insert**



9 **Align Cover tab with groove, press down ⑩ until it clicks**



- Put Metal Cover down firmly.
- Avoid touching the IC chip; may cause damage. Forcibly inserting/removing USIM Card may damage it.
- Be careful not to lose removed USIM Card.
- Prevent children from accidentally swallowing USIM Card.
- If IC chip is dirtied, clean with a soft cloth.
- Do not use excessive force when inserting or removing Battery.

Inserting Battery

Insert Battery before use. For Battery installation steps, see "USIM Card" (P.1-11).

- Always power off Wi-Fi router before removing Battery. If Battery is removed when powered on, Wi-Fi router may fail or other error may occur.

Charging Battery

Battery is not charged fully at time of purchase. Charge Battery fully before using Wi-Fi router.

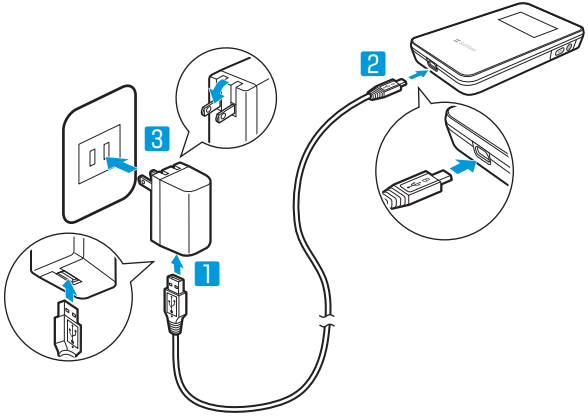
When charging Battery, note the following:

- Battery must be installed to charge it.
- Always use specified AC Charger or Micro USB Cable.
- Battery discharges even if Wi-Fi router is not in use. Charge after long periods of disuse.

- Replace Battery if operating time shortens noticeably.
- If Wi-Fi router overheats during data communication, charging may be interrupted to protect Battery from becoming damaged.

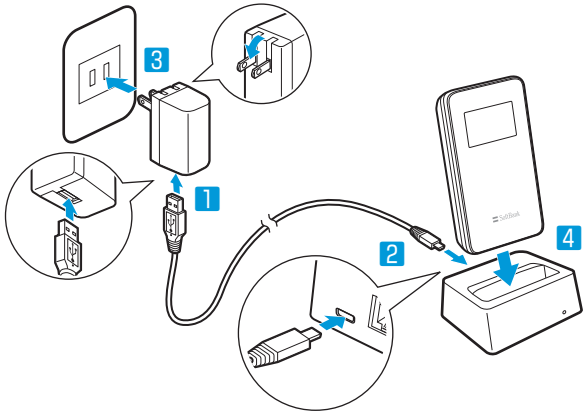
Using AC Charger

1. **Insert Micro USB Cable plug into AC Charger**
2. **Insert Micro USB Cable Micro USB plug into Wi-Fi router External Device Port**
3. **Plug AC Charger into AC 100 V outlet**



Using Cradle

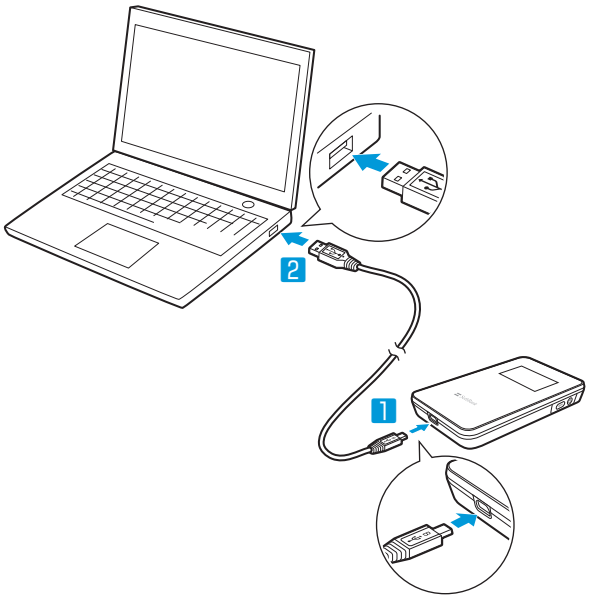
1. **Insert Micro USB Cable plug into AC Charger**
2. **Insert Micro USB Cable Micro USB plug into Cradle Micro USB Port**
3. **Plug AC Charger into AC 100 V outlet**
   Power Lamp illuminates in red.
4. **Insert Wi-Fi router into Cradle**
   Cradle Power Lamp illuminates in green.



- Charging is not possible by connecting Cradle to PC.

Using USB

1. **Insert Micro USB Cable Micro USB plug into Wi-Fi router External Device Port**
2. **Insert Micro USB Cable plug into PC USB port**



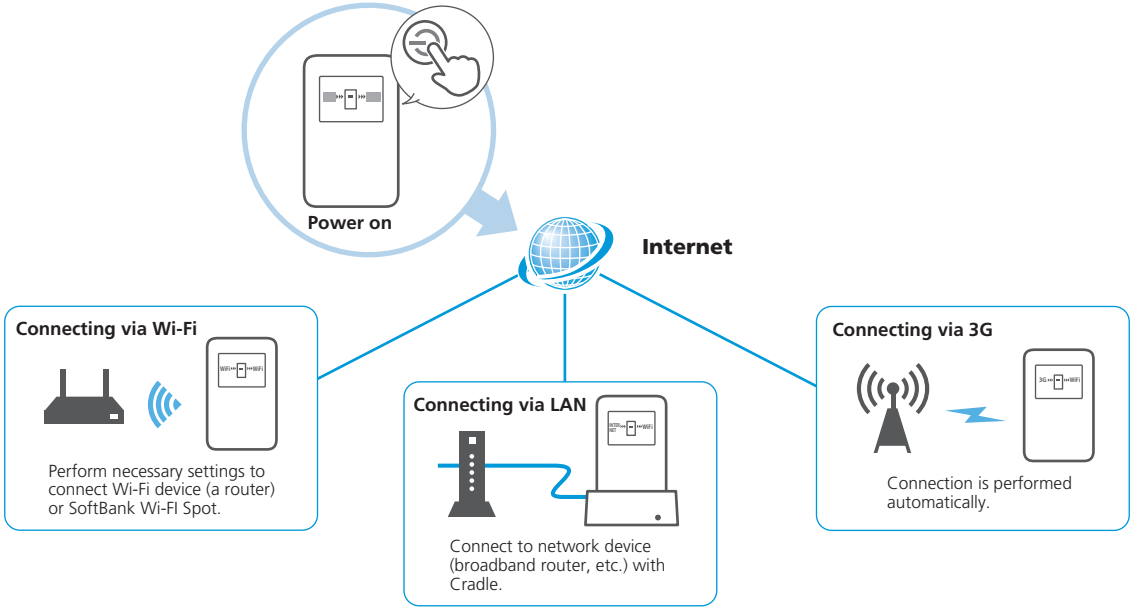
- USB charging may not be possible during data communication.

2 Internet Connectivity

Internet Connectivity **2-2**
Connecting to 3G **2-3**
Connecting to Wi-Fi (WLAN) **2-3**
Wi-Fi 2-3
Connecting to non-WPS Supported Wi-Fi Device 2-4
Connecting to WPS Supported Wi-Fi Device 2-5
Connecting to SoftBank Wi-Fi Spot 2-5
Connecting to LAN **2-7**
Using Cradle 2-7

Internet Connectivity

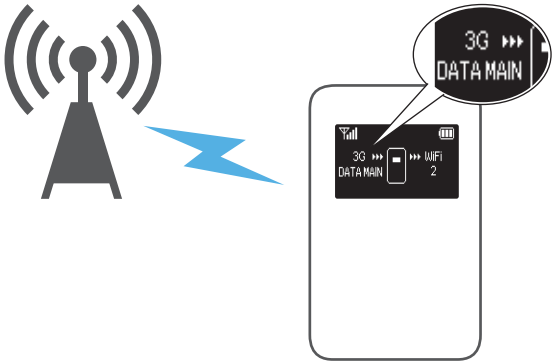
When first powering on, Wi-Fi router automatically connects to Internet; via 3G connection, Wi-Fi or LAN depending on environment.
When Wi-Fi router can be connected to LAN, 3G or Wi-Fi is disconnected and Wi-Fi router switches to LAN.



• When powering on for the first time, Setting Window for SoftBank Wi-Fi Spot appears. See "Connecting to SoftBank Wi-Fi Spot" (P.2-5).

Connecting to 3G

Wi-Fi router automatically connects to 3G if LAN or Wi-Fi is not connected or is disconnected.



- Wi-Fi router is not connected to Internet when only ***3G*** appears for Connection Status. When ***DATA MAIN*** or ***DATA SUB*** appears, Wi-Fi router is connected to Internet.
- If not using 3G, set ***3G connection*** to ***Off*** in SoftBank 101SB WebUI. See "3G" under "Internet setting" (P.4-8).

Connecting to Wi-Fi (WLAN)

Wi-Fi

Wi-Fi router supports IEEE 802.11b/g/n standards. Connect Wi-Fi devices to Internet via Wi-Fi.
Wi-Fi router supports Wi-Fi Protected Setup (WPS), which easily configures Wi-Fi connection settings on any WPS compliant Wi-Fi device.
Enter Wi-Fi router's SSID and WEP keys to connect non-WPS compliant Wi-Fi devices.

This section describes setup operations for connecting to Internet via Wi-Fi.

- These settings should be performed the first time Wi-Fi router is connected to another Wi-Fi device. Thereafter, simply power on Wi-Fi router in a Wi-Fi available area.
- Change Wi-Fi settings as required. See "Settings" (P.4-1).

Connecting to non-WPS Supported Wi-Fi Device

Connect to Internet via non-WPS supported Wi-Fi device.
Setup operation with PC is described here.

1 Power on Wi-Fi router

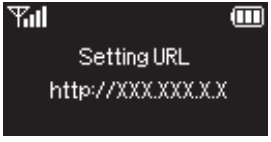
Activate Wi-Fi for an Internet connection.

2 Turn on Wi-Fi function of Wi-Fi device

3 Power on PC and connect Wi-Fi router via Wi-Fi

4 Press WPS Button → View Setting URL

- Setting URL is set to "http://192.168.255.1" by default.



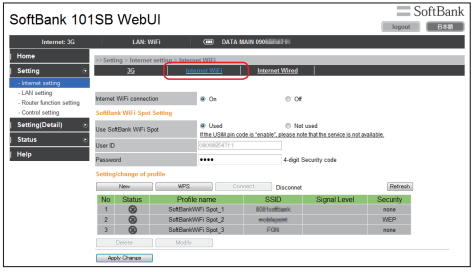
5 Enter URL in Web browser

SoftBank 101SB WebUI appears.

6 Enter password and click *login*

- Password is set to "admin" by default.

7 In Menu list, click *Setting* → *Internet setting* → *Internet WiFi*



8 In *Setting/change of profile*, click *New*

Profile creation window for Wi-Fi access point appears.

9 Click *Scan* in *SSID* → Select an item showing Wi-Fi device's SSID → Click *Select*

10 Enter security key in *Security key*

11 Enter optional profile name in *Profile name* → Click *Apply Change*

When complete, ***WiFi*** appears for Connection Status.

- If connection failed, select set profile in ***Setting/change of profile***, and then click ***Connect***.
- See Step 2 in "Setting Wi-Fi Access Point Profile" (P.4-10) for details.

Connecting to WPS Supported Wi-Fi Device

Connect to Internet via WPS supported Wi-Fi device.

1 **Power on Wi-Fi router**
Activate Wi-Fi for an Internet connection.

2 **Turn on Wi-Fi function of Wi-Fi device → Prepare for WPS settings as required**

3 **Press and hold Wi-Fi router's WPS Button**
WPS Selection Window appears.

4 **Press WPS Button**
WPS Processing appears.

5 **Press Wi-Fi device's WPS Key or make connection settings**
When complete, ***WPS Succeed*** appears.
- Operations vary depending on Wi-Fi device.

6 **If other settings are required with Wi-Fi device, follow the onscreen instructions**
Connection Status turns to ***WiFi***.

- To cancel WPS, press Power Button.

Connecting to SoftBank Wi-Fi Spot

To use SoftBank Wi-Fi Spot, enter password into setting window, which appears when powering on for the first time.
Four-digit password is required.

1 **If SoftBank Wi-Fi Spot settings window appears, confirm that *YES* is selected → Press Power Button**
Enter Login Password window appears.
- When ***NO*** is selected, press WPS Button to select ***YES***.

2 **Press Power Button to enter password**
- Press Power Button firmly until number is changed.
- Press Power Button to toggle number

3 **Press WPS Button to go to next box**

4 **Repeat Steps 2 - 3 and enter four-digit password**

5 Confirm password and press Power Button at fifth box (*OK*)

- To return to first box, press WPS Button.

- If you do not use SoftBank Wi-Fi Spot or will perform settings later, press WPS Button to select ***NO*** in Step 1 , and press Power Button.
- If making settings later, perform them from SoftBank 101SB WebUI. See "Internet WiFi" (P.4-8).
- If wrong password is entered for SoftBank Wi-Fi Spot, reset Wi-Fi router and enter password again.
  For reset procedure, see "Resetting factory defaults (Reset)" (P.5-4).

Using Cradle

Use Cradle to connect Wi-Fi router to other network devices via LAN. Connecting to a broadband router via Cradle LAN Port enables connection to Internet via a Wi-Fi device and broadband line.

1 **Insert LAN cable into broadband router, etc.**

2 **Insert LAN cable into Cradle LAN Port**

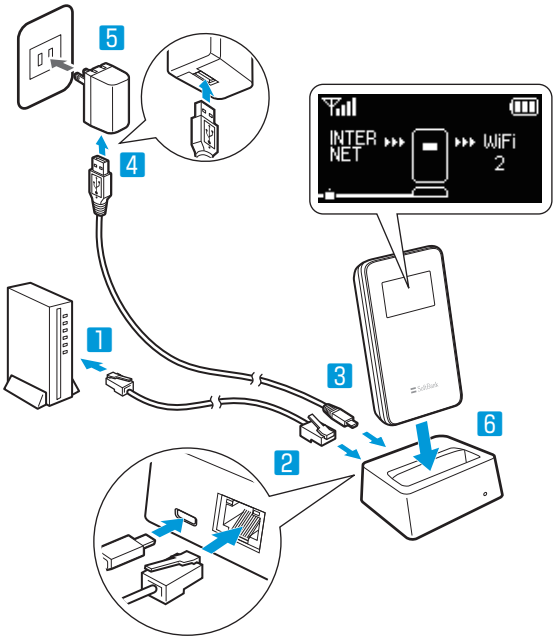
3 **Insert Micro USB Cable Micro USB plug into Cradle**

4 **Insert Micro USB Cable plug into AC Charger**

5 **Plug AC Charger into AC 100 V outlet**
Cradle Power Lamp illuminates in red.

6 **Insert Wi-Fi router into Cradle**
Cradle Power Lamp illuminates in green; ***INTERNET*** appears for Connection Status.

- Connect both LAN cable and AC Charger for LAN connection via Cradle. Without AC Charger, connection is not possible.
- If malfunction occurs on broadband line and LAN connection is disabled, Wi-Fi router automatically connects to 3G.
  Packet communication fee is incurred when connecting to 3G.
  If not using 3G, set ***3G connection*** to ***Off*** in SoftBank 101SB WebUI. See "3G" under "Internet setting" (P.4-8).



3 Using LAN

Wi-Fi (WLAN) **3-2**
Connecting Wi-Fi Devices via Wi-Fi (WLAN) **3-3**
Connecting WPS Supported Wi-Fi Devices 3-3
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Connecting Windows **3-5**
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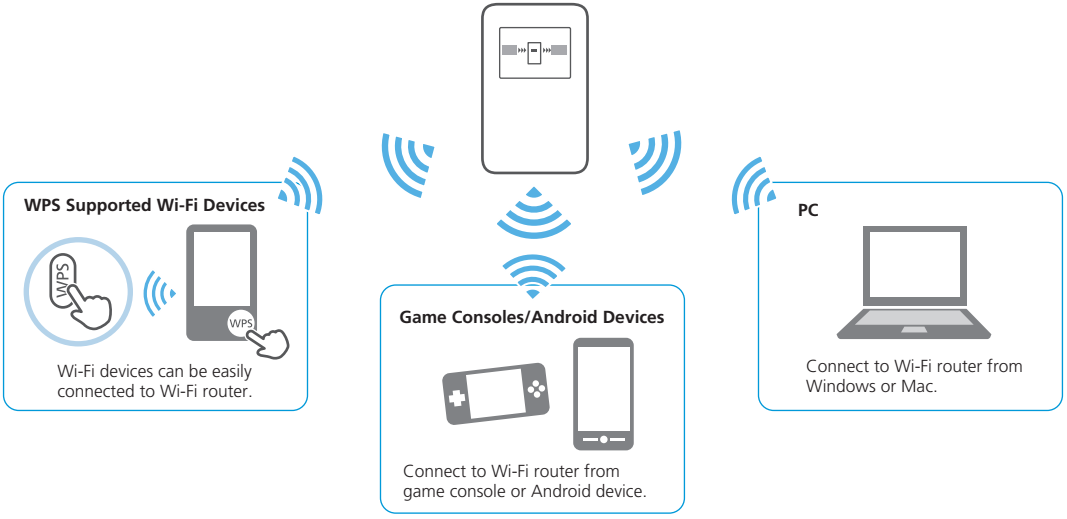
Wi-Fi (WLAN)

Wi-Fi router supports IEEE 802.11b/g/n standards. Connect Wi-Fi devices (PC, game console, etc.) via Wi-Fi for wireless data transfers. Wi-Fi router supports Wi-Fi Protected Setup (WPS), which easily configures Wi-Fi connection settings on any WPS compliant Wi-Fi device. Enter Wi-Fi router's SSID and security keys to connect non-WPS compliant Wi-Fi devices. See WLAN Initialization Sticker for SSID and security keys.

This section describes setup operations to establish initial Wi-Fi connection to WPS supported Wi-Fi devices, game consoles, smartphones, Windows and Mac.



- Data communication is unavailable even if Wi-Fi router is connected to PC with USB Cable.
- These settings should be performed the first time Wi-Fi router is connected to another Wi-Fi device. Thereafter, simply activate Wi-Fi to automatically connect Wi-Fi router to Wi-Fi device (e.g. Reconnect Automatically is set).
- Modify settings of Wi-Fi function as required. See "Settings" (P.4-1).
- For added security, change default SSID or security key.
- Use Wi-Fi router to connect up to 20 Wi-Fi devices simultaneously.

Connecting WPS Supported Wi-Fi Devices

WPS function is disabled when Wi-Fi Security Setting is set to ***WEP*** or ***WPA-PSK (TKIP)***. Change Wi-Fi Security Setting in SoftBank 101SB WebUI. See "LAN WiFi" under "LAN setting" (P.4-14).

1 Power on Wi-Fi router

Activate Wi-Fi for an Internet connection.

2 Turn on Wi-Fi function of Wi-Fi device → Prepare for WPS settings as required

3 Press and hold WPS Button

WPS selection window appears.

4 Press Power Button

WPS Processing appears.

5 Connect Wi-Fi devices via WPS

When complete, ***WPS Succeed*** appears.

- Operations vary depending on Wi-Fi devices.

6 If other settings are required with Wi-Fi devices, follow the onscreen instructions

Connected Wi-Fi device count on Wi-Fi router Display increases by one.

- Press Power Button to cancel WPS.
- Connection is disabled when ***SSID Stealth*** is set to ***Enable***; set ***Disable*** in SoftBank 101SB WebUI. See "LAN WiFi" under "LAN setting" (P.4-14).

Connecting Game Consoles

This section describes operation when authentication method of Wi-Fi security setting is set to WPA/WPA2. For other security settings, some steps may vary. See game console user guide for details.

1 Power on Wi-Fi router

Activate Wi-Fi for an Internet connection.

2 Turn on game console's Wi-Fi function

3 Search access point with game console

4 Select an item showing Wi-Fi router's SSID

- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.

5 Enter security key → Save settings

Connected Wi-Fi device count on Wi-Fi router Display increases by one.

- See WLAN Initialization Sticker for security key.

Connecting Android Devices

This section describes operation when authentication method of Wi-Fi security setting is set to WPA/WPA2. For other security settings, some steps may vary. See Android device user guide for details.

1 Power on Wi-Fi router
Activate Wi-Fi for an Internet connection.

2 Tap *Settings* → *Wireless & networks* → *Wi-Fi settings*

3 Checkmark *Wi-Fi*
Wi-Fi function is enabled.

4 Select an item showing Wi-Fi router's SSID
- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.

5 Enter security key → Tap *Connect*
Connected Wi-Fi device count on Wi-Fi router Display increases by one.
- See WLAN Initialization Sticker for security key.

This section describes operation when authentication method of Wi-Fi security setting is set to WPA/WPA2.

Windows 7

1 **Power on Wi-Fi router**
Activate Wi-Fi for an Internet connection.

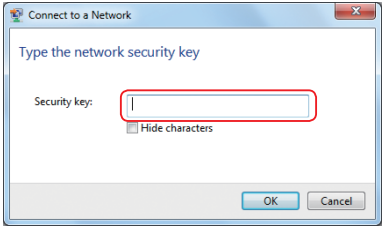
2 **Turn on PC's Wi-Fi function**

3 **From Start menu, click *Control Panel* → *Network and Internet* → *Network and Sharing Center***

4 **Click *Connect to a network***

5 **Select an item showing Wi-Fi router's SSID → Click *Connect***
- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.

6 **Enter security key in *Security key* → Click *OK***
Connected Wi-Fi device count on Wi-Fi router Display increases by one.
- See WLAN Initialization Sticker for security key.



Windows Vista

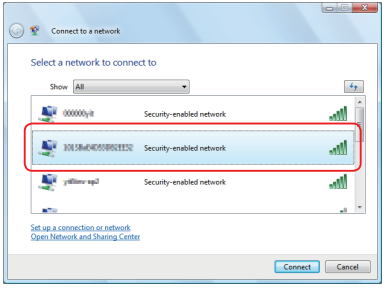
1 **Power on Wi-Fi router**
Activate Wi-Fi for an Internet connection.

2 **Turn on PC's Wi-Fi function**

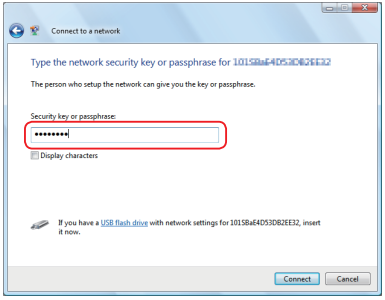
3 **From Start menu, click *Control Panel* → Select *Network and Internet* → *Network and Sharing Center***

4 **Click *Connect to a network***

5 **Select an item showing Wi-Fi router's SSID → Click *Connect***
- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.



6 **Enter security key in *Security key or passphrase* → Click *Connect***
- See WLAN Initialization Sticker for security key.



7 **Click *Close***
Connected Wi-Fi device count on Wi-Fi router Display increases by one.

Windows XP

1 Power on Wi-Fi router

Activate Wi-Fi for an Internet connection.

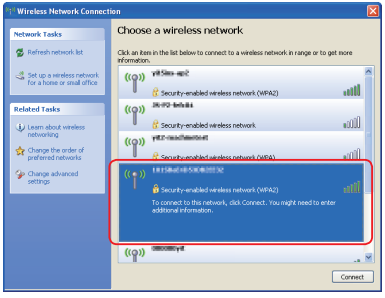
2 Turn on PC's Wi-Fi function

3 From Start menu, click *Control Panel* → *Network and Internet Connections* → *Network connections*

4 Click *Wireless Network connection* → In *Network Tasks*, click *View available wireless networks*

5 Select an item showing Wi-Fi router's SSID → Click *Connect*

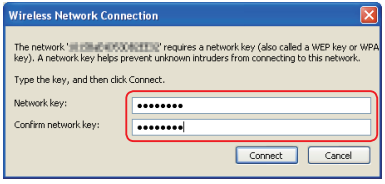
- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.



6 Enter security key in *Network key* and *Confirm network key* → Click *Connect*

Connected Wi-Fi device count on Wi-Fi router Display increases by one.

- See WLAN Initialization Sticker for security key.



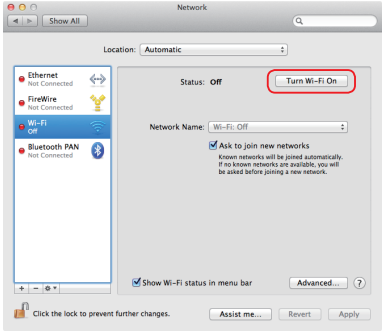
This section describes operation for Mac OS X 10.7 and when authentication method of Wi-Fi security setting is set to WPA/WPA2.

1 Power on Wi-Fi router

Activate Wi-Fi for an Internet connection.

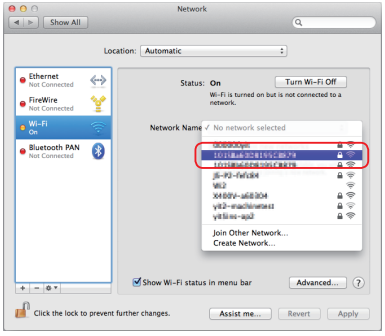
2 From Apple menu, click *System Preferences...* → *Network*

3 Select *Wi-Fi* → Click *Turn Wi-Fi On*



4 In *Network Name* pulldown list, select an item showing Wi-Fi router's SSID

- See WLAN Initialization Sticker for SSID.
- If Wi-Fi router's SSID has changed, select an item showing current SSID.



5 **Enter security key in *Password* → Click *Join***

- Checkmark ***Remember this network*** if not checkmarked.
- See WLAN Initialization Sticker for security key.

6 **Confirm *Network Name* is set to Wi-Fi router's SSID → Click *Apply***

Connected Wi-Fi device count on Wi-Fi router Display increases by one.

4 Settings

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- SoftBank 101SB WebUI 4-4
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- APN setting 4-12
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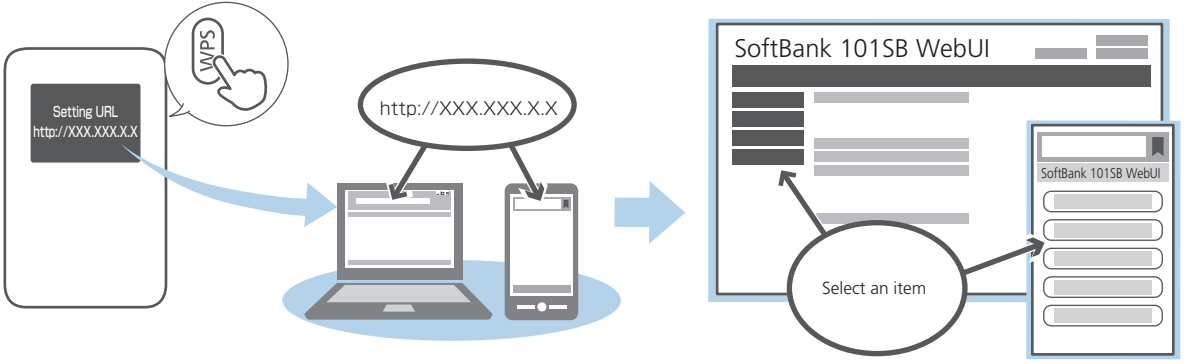
Help **4-28**

Overview

Perform settings on SoftBank 101SB WebUI. Start Web browser on PC or smartphone connected via Wi-Fi, and then start SoftBank 101SB WebUI.



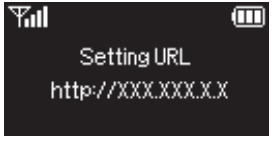
- When LAN setting is modified on SoftBank 101SB WebUI using PC or smartphone connected via Wi-Fi, Wi-Fi connection may be disconnected. Wi-Fi device needs to be reconnected.
- SoftBank recommends changing default password to enhance data safety. See “Body” under “Control setting (Detail)” (P.4-24).
- If no operation is performed for a while, SoftBank 101SB WebUI is automatically logged out. Note that unsaved settings are canceled.
- You may be unable to log in if cookies are disabled in your browser. Make sure cookies are enabled.

Starting SoftBank 101SB WebUI

1 Power on PC or smartphone → Connect to Wi-Fi router via Wi-Fi

2 Press WPS Button → View Setting URL for SoftBank 101SB WebUI

- By default, URL for SoftBank 101SB WebUI is set to http://192.168.255.1. See “IP address setting” under “Router function setting” (P.4-17).



3 Enter URL in Web browser’s address bar

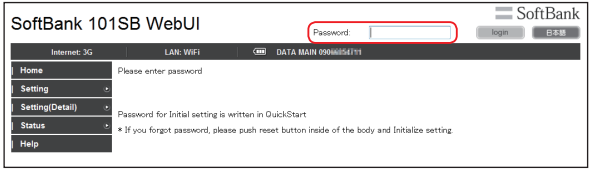
SoftBank 101SB WebUI appears.

4 Enter password → Click *login*

- Password is set to “admin” by default. See “Body” under “Control setting (Detail)” (P.4-24).
- Click Language Key to select onscreen language as required.

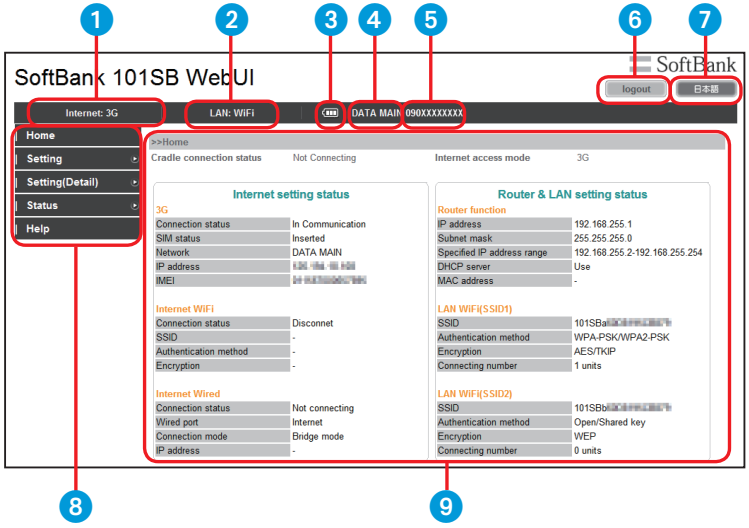
- You cannot log in from multiple devices simultaneously.

●PC



●Smartphone (Android device)

SoftBank 101SB WebUI



1. **Connection Status**
   Internet connection method appears.
2. **LAN Connection**
   LAN connection method appears.
3. **Battery Strength**
   ⇒ : Full ⇒ Empty
4. **Data Communication Area Name**
   Data communication area name appears.
5. **Phone No. (Own number)**
   Phone number of USIM Card appears.
6. **Logout**
   Log out from SoftBank 101SB WebUI.
7. **Language Key**
   Switches language to English or Japanese.
8. **Menu**
   Click menu item to change setting page.
9. **Setting Page**
   Each item's setting/information appears.

Initial setting

SoftBank 101SB WebUI appears differently between PC and smartphone.
In a Setting Page, for example, ***Setting*** and ***Setting(Detail)*** appear on a PC; ***Initial setting*** and ***Setting*** appear on a smartphone.
In ***Initial setting***, make settings for connecting via SoftBank Wi-Fi Spot by Wizard, or for connecting to a broadband router or to PC via Wi-Fi.
Available functions vary among ***Initial setting***, ***Setting*** and ***Setting(Detail)***. See below:

* This guide describes operations on PC. For smartphone, some items may vary. See item names in brackets "( )" and follow onscreen instruction.

Item				Setting	Setting (Detail)	Initial setting
Internet setting*	3G (3G setting)	3G connection		○		
		Phone No. (Own number)		○		
		Data communication area selection (Data communication)		○		
	Internet WiFi (Internet WiFi setting)	Internet WiFi connection (Internet WiFi)		○		
		SoftBank WiFi Spot Setting （ソフトバンクWi-Fiスポット）	Use SoftBank WiFi Spot	○		○
			User ID	○		○
			Password	○		○
		Setting/change of profile (Profile List)		○		○
	Internet Wired (Internet wired setting)	Wired port (Wired Port)		○		
		Connection mode (Connection Mode)		○		
		IP address acquisition method (IP acquisition method)		○		
		Internet side's MTU value (Internet side MTU)		○		

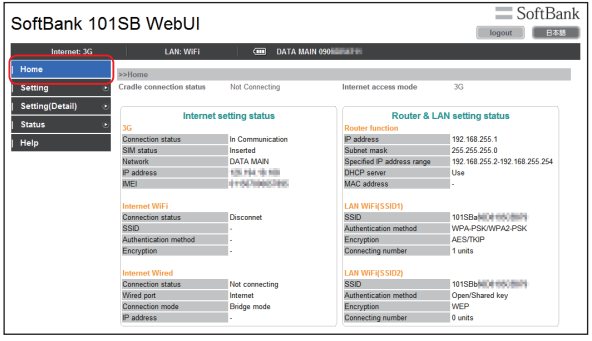
Item				Setting	Setting (Detail)	Initial setting
APN setting	APN setting	APN setting			○	
		Profile selection	DATA MAIN		○	
			DATA SUB		○	
LAN setting (LAN WiFi setting)	LAN WiFi (Basic)	Wireless LAN communication standard (WiFi Band)		○		○
		Channel		○		○
		Multi SSID		○		
		SSID		○		○
		SSID Stealth		○		
		Authentication method (Authentication)		○		○
		Encryption		○		○
		Security key type		○		○
		Security key (Input key)		○		○
		Default key		○		○
		Security key1-4 (Input key)		○		○
	WPS	WPS mode (WPS Mode)		○		
		PIN code		○		
		WPS status (WPS Status)		○		
		WPS SSID*		○		
		WPS authentication*		○		
		WPS encryption*		○		

Item				Setting	Setting (Detail)	Initial setting
Router function setting	IP address setting	LAN side IP address*	IP address (IP Address)	○		
			Subnet mask	○		
			DHCP Server function (DHCP Server)	○		
		Allocation IP address*	Specified IP address range (IP Address Range)	○		
		Fixed allocation*		○		
	MAC address filter	MAC address filtering			○	
		Registration information			○	
	Port convert	Port change rule			○	
		Registration information			○	
Control setting	Power saving	System standby		○		
		System deep standby		○		
		Automatic power off (Automatic Power off)		○		
	Reboot	Reboot		○		
	USIM setting (USIM)	PIN Code Setting (Enable PIN/Disable PIN)		○		
		PIN (Change PIN)		○		
	Body	Device name			○	
		Admin password (old)			○	
		Admin password (new)			○	
		Admin password (new-verify)			○	
	Initialization/ Software Update	Config initialization			○	
		Software Update	Software version		○	
			Software Update		○	
			Use Automatic Software Update for 3G/HSPA		○	

* Does not appear on smartphone

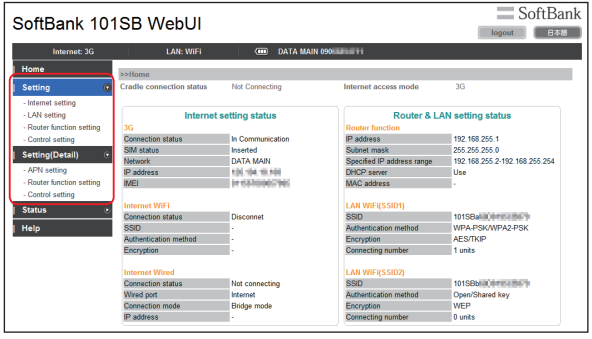
1 In Menu list, click *Home*

Current status of 3G network, Internet Wi-Fi, Internet wired, LAN Wi-Fi or Router function appears.



1 In Menu list, click ***Setting*** or ***Setting(Detail)***

2 Click an item to set or check



■ **Internet setting**
Set details regarding Internet connection (P.4-7).

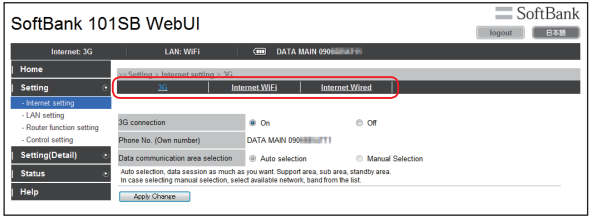
■ **LAN setting**
Set details regarding Wi-Fi function (P.4-13).

■ **Router function setting**
Set details regarding router function (P.4-16, P.4-18).

■ **Control setting**
Set details regarding devices (P.4-21, P.4-23).

Internet setting

1 Click an item to set or check



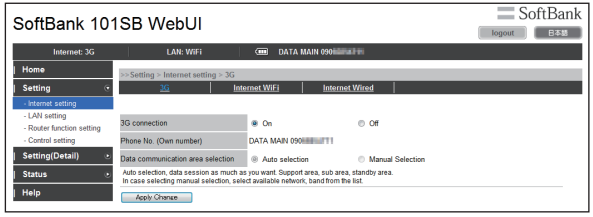
■ **3G (P.4-8)**

■ **Internet WiFi (P.4-8)**

■ **Internet Wired (P.4-11)**

3G

Make settings for 3G connection.



1 Set each item

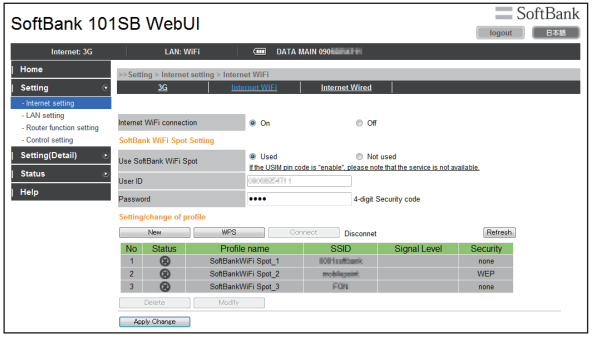
Item	Description	Options	Default
3G connection	Select whether to use 3G connection	On, Off	On
Phone No. (Own number)	Phone number of USIM Card in Wi-Fi router appears	—	—
Data communication area selection	Set selection method of data communication area	Auto selection, Manual Selection	Auto selection
Network	Appears when ***Data communication area selection*** is set to ***Manual Selection***. Select available network	DATA MAIN, DATA SUB	DATA MAIN

2 When complete, click *Apply Change*

Internet WiFi

Set Internet Wi-Fi connection.

- When connecting to Internet via LAN using Cradle, ***Internet WiFi*** setting is disabled.



1 Set each item

Item		Description	Options	Default
Internet WiFi connection		Select whether to use Internet WiFi connection	On, Off	On
SoftBank WiFi Spot Setting	Use SoftBank WiFi Spot	Select whether to use SoftBank WiFi Spot	Used, Not used	Used
	User ID	User ID for SoftBank WiFi Spot appears	—	—
	Password	Enter password for SoftBank WiFi Spot	Four-digit number	—
Setting/change of profile		Select profile (connection setting) for Wi-Fi access point. Create, modify or delete profile	—	—

2 When complete, click *Apply Change*

- If ***PIN Code Setting*** is set to ***Enable***, SoftBank Wi-Fi Spot is unavailable. Unlock PIN before using.
  See "Unlocking PIN" (P.4-23).

Setting Wi-Fi Access Point Profile

1 Perform these operations in *Setting/change of profile*

■ **Create New Profile**
Click ***New*** and proceed to Step 2 .

■ **Create New Profile in WPS Function**
Click ***WPS*** → In WPS mode, select ***PBC*** or ***PIN*** → Click ***Start***. When ***PIN*** is selected in WPS mode, PIN code (eight-digit number) is generated.

- Click ***Start*** to view process in ***WPS status***.
  WPS scanning: Scanning Access Point
  WPS found AP (SSID): Scanning Access Point complete
  WPS get credential OK: Creating profile
  WPS connected to (SSID): Connection complete

■ **Connect to unconnected profile**
Select one and then click ***Connect***.
In ***Status*** field, connection status of profile appears as icon.
: Connected : Unconnected : Outside service area

- For profile which cannot connect to Internet, (PC) or (smartphone) appears in ***SSID*** field. If connection fails even when you click ***Connect***, confirm password, profile settings or signal strength.

■ **Disconnect Connected Profile**
Select one → click ***Disconnect***.

■ **Refresh Profile List**
Click ***Refresh***.

■ **Change Priority**
Select one → Click "▲" or "▼".

- Cannot be set on smartphone.

■ **Delete Profile**
Select one and click ***Delete***.
A confirmation appears. Click ***OK*** to delete.

■ **Modify Profile**
Select one → Click ***Modify*** and proceed to Step 2 .

2 Set each item

- To cancel unsaved setting and return to previous screen, click ***Back***.

Item	Description	Options	Default
Profile name	Enter optional profile name	1-32 characters	—
SSID	Set network name. To search an access point, click ***Scan***	Enter or select access point name	—
Connect to Stealth AP*	Set Stealth access point connection	On, Off	Off
Authentication method	Select authentication method. To view access point setting, click ***Scan*** in ***SSID*** and select access point	Open/Shared key, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK	Open/ Shared key
Encryption	Select encryption. To view access point setting, click ***Scan*** in ***SSID*** and select access point	Open/Shared key: No encryption, WEP WPA-PSK, WPA2-PSK or WPA-PSK/WPA2-PSK: TKIP, AES, AES/TKIP	No encryption
Security key type	Appears when ***WEP*** is selected in ***Encryption***. Select security type	5 ASCII characters(WEP64), 13 ASCII characters(WEP128), 10 hex digits(WEP64), 26 hex digits(WEP128), User input	5 ASCII characters (WEP64)
Default key	Appears when ***WEP*** is selected in ***Encryption***. Select default WEP key	Security key1-4	Security key1
Security key	Enter security key set to access point	WEP is selected in Encryption: WEP64: 5 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device), or 10-digit hex number (0-9, A-F) WEP128: 13 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device), or 26-digit hex number (0-9, A-F) WPA-PSK, WPA2-PSK or WPA-PSK/ WPA2-PSK is selected in Authentication method: 8-63 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device)	—
Connection mode	Select connection mode	Router mode, Bridge mode	Router mode

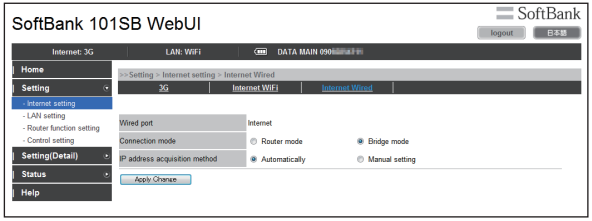
* Does not appear on smartphone

3 When complete, click *Apply Change*

- Default profiles cannot be deleted or modified.
- If connected profile is deleted or modified, communication is disconnected.
- If ***Connection mode*** is modified, SoftBank 101SB WebUI may become inoperable or may not appear. Press WPS Button and check Setting URL to restart SoftBank 101SB WebUI.

Internet Wired

Set wired connection.



1 Set each item

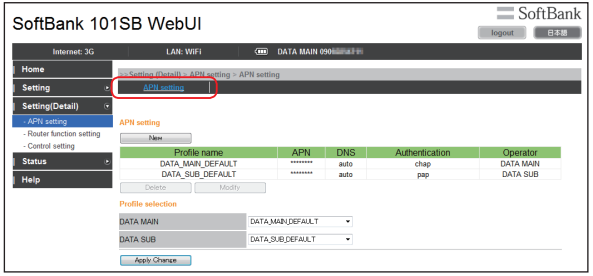
Item	Description	Options	Default
Wired port	Wired port name appears	Internet	Internet
Connection mode	Select connection mode	Router mode, Bridge mode	Bridge mode
IP address acquisition method	Select IP address retrieval	Automatically, Manual setting	Automatically
IP address	Appears when ***IP address acquisition method*** is set to ***Manual setting***. Set Wi-Fi router's IP address	Four sets of numbers (0 to 255)	—
Subnet mask	Appears when ***IP address acquisition method*** is set to ***Manual setting***. Set Subnet mask	Four sets of numbers (0 to 255)	—
Default gateway	Appears when ***IP address acquisition method*** is set to ***Manual setting***. Enter default gateway's IP address	Four sets of numbers (0 to 255)	—
DNS server address (Primary)	Appears when ***IP address acquisition method*** is set to ***Manual setting***. Enter Primary DNS server's IP address	Four sets of numbers (0 to 255)	—
DNS server address (Secondary)	Appears when ***IP address acquisition method*** is set to ***Manual setting***. Enter Secondary DNS server's IP address	Four sets of numbers (0 to 255)	—
Internet side's MTU value	Appears when ***Connection mode*** is set to ***Router mode***. Enter Internet side's MTU value	616-1500	1500

2 When complete, click *Apply Change*

- If this setting is modified, SoftBank 101SB WebUI may become inoperable or may not appear. Press WPS Button and check Setting URL to restart SoftBank 101SB WebUI.

APN setting

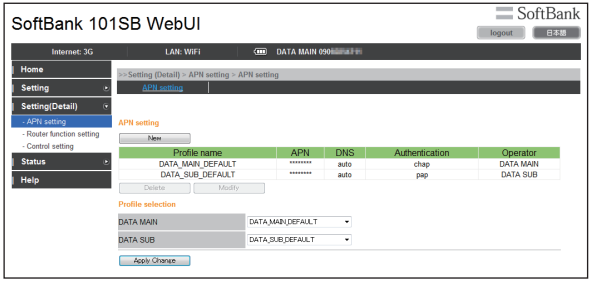
1 Click an item to set or check



■ **APN setting (P.4-12)**

APN setting

Select 3G access point. Create, modify or delete profile.



1 Perform these operations in *APN setting*

■ **Create New Profile**
Click ***New*** and proceed to Step 2 .

■ **Delete Profile**
Select one and click ***Delete***.
A confirmation appears. Click ***OK*** to delete.

■ **Modify Profile**
Select one → Click ***Modify*** and proceed to Step 2 .

2 Set each item → Click *Apply Change*

- To cancel unsaved setting and return to previous screen, click ***Back***.

Item	Description	Options	Default
Profile name	Enter optional profile name	1-32 characters	—
Operator	Set data communication area	DATA MAIN, DATA SUB	DATA MAIN
APN	Enter APN	Alphanumerics, "." "/" "_"	—
DNS	Select DNS setting method	DNS auto setting, DNS manual setting	DNS auto setting
DNS IP server	Appears when ***DNS*** is set to ***DNS manual setting***. Enter DNS server's IP address	Four sets of numbers (0 to 255)	—
Authentication method	Set authentication method	CHAP, PAP	CHAP
User name	Enter user name	1-32 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device)	—
Password	Enter password	1-32 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device)	—

3 **In *Profile selection*, select one → Click *Apply Change***

- Default profiles cannot be deleted or modified.
- If connected profile is deleted or modified, communication is disconnected.

LAN setting

1 **Click an item to set or check**

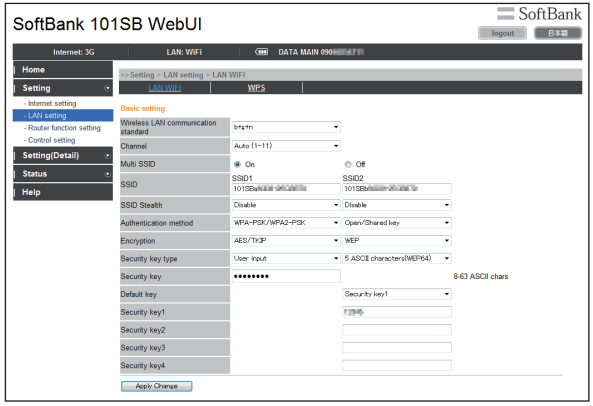
■ **LAN WiFi (P.4-14)**

■ **WPS (P.4-15)**

LAN WiFi

Make basic settings of Wi-Fi function.

1 Set each item



Item	Description	Options	Default
Wireless LAN communication standard	Select operation mode of Wi-Fi function	b+g+n, b, g, n	b+g+n
Channel	Specify channels	Auto (1-11), Auto (1-13)	Auto (1-11)
Multi SSID	Set whether to use Multi SSID	On, Off	On
SSID	Set network name. When ***Multi SSID*** is set to ***On***, set to SSID1 and SSID2	Enter access point name. Available characters: 1-32 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device)	*

Item	Description	Options	Default
SSID Stealth	Set not to show SSID. When ***Multi SSID*** is set to ***On***, set to SSID1 and SSID2	Enable, Disable	Disable
Authentication method	Select authentication method. When ***Multi SSID*** is set to ***On***, set to SSID1 and SSID2	Open/Shared key, WPA-PSK, WPA2-PSK, WPA-PSK/WPA2-PSK	SSID1: WPA-PSK/ WPA2-PSK SSID2: Open/ Shared key
Encryption	Select encryption. When ***Multi SSID*** is set to ***On***, set to SSID1 and SSID2	Open/Shared key is selected in Authentication method: No encryption, WEP WPA-PSK, WPA2-PSK, WPA-PSK/ WPA2-PSK is selected in Authentication method: TKIP, AES, AES/TKIP	SSID1: AES/TKIP SSID2: WEP
Security key type	Select security type. When ***Multi SSID*** is set to ***On***, set to SSID1 and SSID2	WPA-PSK, WPA2-PSK, WPA-PSK/ WPA2-PSK is selected in Authentication method: User input WEP is selected in Encryption: 5 ASCII characters(WEP64), 13 ASCII characters(WEP128), 10 hex digits(WEP64), 26 hex digits(WEP128) No encryption: No encryption	SSID1: User input SSID2: 5 ASCII characters (WEP64)

Item	Description	Options	Default
Security key	Appears when ***Authentication method*** is set to ***WPA-PSK,WPA2-PSK*** or ***WPA-PSK/WPA2-PSK***. Set security key	8-63 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device)	—
Default key	Appears when ***Encryption*** is set to ***WEP***. Select default WEP Key	Security key1-4	SSID1: — SSID2: Security key1
Security key1-4	Appears when ***Encryption*** is set to ***WEP***. Set WEP Key	WEP64: 5 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device), or 10-digit hex number (0-9, A-F) WEP128: 13 alphanumerics/ symbols (except "¥", "£", "€" for iPhone or Android device), or 26-digit hex number (0-9, A-F)	*

* See "Factory Default Settings" (P.1-5).

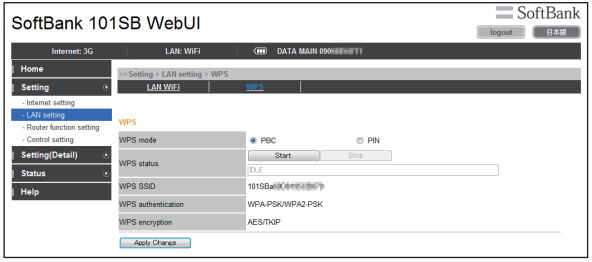
2 When complete, click *Apply Change*

A confirmation appears. To apply settings, click ***OK***.
Wi-Fi function restarts.

- If these settings are modified, Wi-Fi device may be disabled to connect. In this case, modify connection setting of Wi-Fi device.
- For greater security, use WPA/WPA2. Some game consoles may not be WPA compatible.

WPS

Set WPS function.



1 Set each item

Item	Description	Options	Default
WPS mode	Select WPS connection method	PBC, PIN	PBC
PIN code	Appears when ***WPS mode*** is set to ***PIN***. Enter PIN code specified to WPS supported device	Four- or eight-digit number (one byte)	—
WPS status	WPS connection status appears. IDLE: Standby PROCESSING: Connecting SUCCESS: Connection completes FAIL: WPS Connection fails To start WPS, click ***Start***. To cancel, click ***Stop***	—	—

Item	Description	Options	Default
WPS SSID[2]	Network name for WPS appears	—	[1]
WPS authentication[2]	Authentication method for WPS appears	—	WPA-PSK/ WPA2-PSK
WPS encryption[2]	Encryption type for WPS appears	—	AES/TKIP

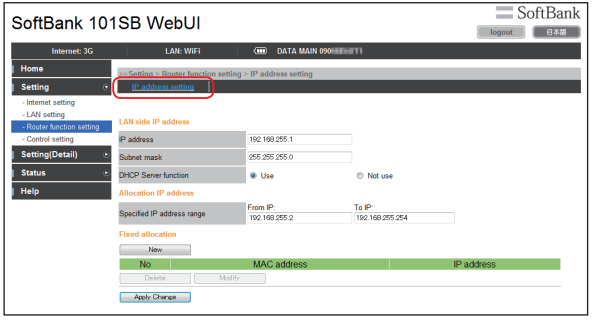
[1] See “Factory Default Settings” (P.1-5).

[2] Does not appear on smartphone

2 **When complete, click *Apply Change***

Router function setting

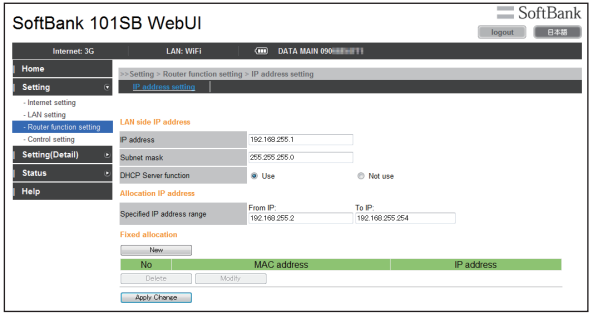
1 **Click an item to set or check**



■ **IP address setting (P.4-17)**

IP address setting

Set router's IP address.



1 Set each item

Item		Description	Options	Default
LAN side IP address	IP address	Set private IP address	Four sets of numbers (0 to 255)	192.168.255.1
	Subnet mask	Set subnet mask	Four sets of numbers (0 to 255)	255.255.255.0
	DHCP Server function	Set whether to use DHCP function	Use, Not use	Use
Allocation IP address	Specified IP address range	Set From IP and To IP allocated in DHCP function	Four sets of numbers (0 to 255)	192.168.255.2-192.168.255.254
Fixed allocation*		Set fixed IP address. Create, modify or delete IP address	—	—

* Does not appear on smartphone

2 When complete, click *Apply Change*

A confirmation appears. To apply settings, click ***OK***.
Wi-Fi function restarts.

- For ***IP address***, ***From IP*** and ***To IP***, specify IP address in the same subnet.
- For ***From IP***, specify IP address smaller than ***To IP***.
- For ***Specified IP address range***, do not include Wi-Fi router's IP address.
- If ***IP Address*** or ***Subnet mask*** is modified, ***Fixed allocation***, ***Port convert*** or ***MAC address filter*** may need to be modified.
- If this setting is modified, SoftBank 101SB WebUI may become inoperable or may not appear. Reboot Wi-Fi router and PC, etc., and then restart SoftBank 101SB WebUI with new IP address.

Setting Fixed IP Address

1 Perform these operations in *Fixed allocation*

■ **Create New IP Address**
Click ***New*** and proceed to Step 2 .

■ **Delete IP Address**
Select one and click ***Delete***.
A confirmation appears. Click ***OK*** to delete.

■ **Modify IP Address**
Select one → Click ***Modify*** and proceed to Step 2 .

2 Set each item → Click *Apply Change*

- To cancel unsaved setting and return to previous screen, click ***Back***.

Item	Description	Options	Default
MAC address	Enter MAC address	Six sets of numbers (00 to FF)	—
IP address	Enter IP address	Four sets of numbers (0 to 255)	—

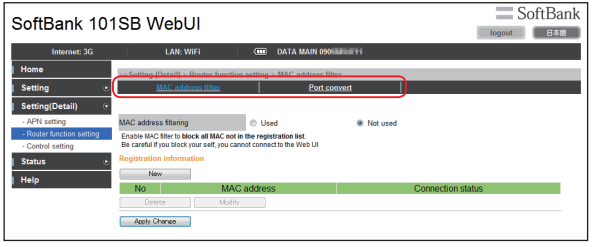
3 When complete, click *Apply Change*

A confirmation appears. To delete, click ***OK***.
Wi-Fi function restarts.

- Cannot be set on smartphone.
- For ***IP address***, specify a subnet address.
- Wi-Fi router's IP address cannot be specified.

Router function setting (Detail)

1 Click an item to set or check

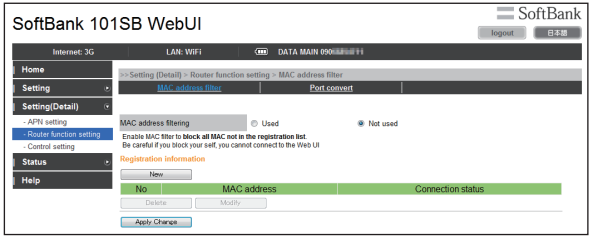


■ **MAC address filter (P.4-19)**

■ **Port convert (P.4-20)**

MAC address filter

Set connection restriction from Wi-Fi devices.



1 Set each item

Item	Description	Options	Default
MAC address filtering	Select whether to use MAC address filtering	Used, Not used	Not used
Registration information	Set MAC address to permit access. Create, delete or modify MAC address	—	—

2 When complete, click ***Apply Change***

Setting MAC address filtering

1 Perform these operations in ***Registration information***

■ **Save New MAC Address**
Click ***New*** and proceed to Step 2 .

■ **Delete MAC Address**
Select one and click ***Delete***.
A confirmation appears. Click ***OK*** to delete.

■ **Modify MAC Address**
Select one → Click ***Modify*** and proceed to Step 2 .

2 Set each item → Click ***Apply Change***

- To cancel unsaved setting and return to previous screen, click ***Back***.

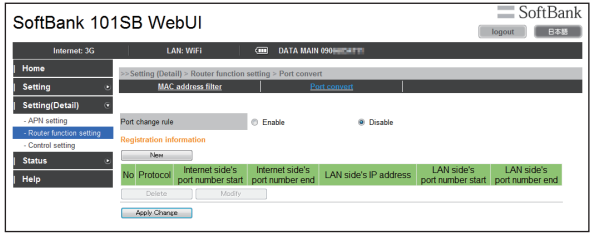
Item	Description	Options	Default
MAC address	Enter MAC address	Six sets of numbers (00 to FF)	—

3 When complete, click ***Apply Change***

- If this setting is modified, Wi-Fi device connection may be disabled. In this case, confirm Wi-Fi device's MAC address and set properly.
- If setting is enabled, unsaved Wi-Fi device cannot connect even if WPS function is in use.

Port convert

Set rules to control access to specified device in LAN from Internet.



1 Set each item

Item	Description	Options	Default
Port change rule	Select whether to enable Port convert function	Enable, Disable	Disable
Registration information	Saved Port convert rules appear. Create, delete or modify Port convert rule	—	—

2 When complete, click ***Apply Change***

Setting Port Convert Rule

1 Perform these operations in ***Registration information***

■ **Create Port Convert Rule**
Click ***New*** and proceed to Step 2 .

■ **Delete Port Convert Rule**
Select one and click ***Delete***.
A confirmation appears. Click ***OK*** to delete.

■ **Modify Port Convert Rule**
Select one → Click ***Modify*** and proceed to Step 2 .

2 Set each item → Click ***Apply Change***

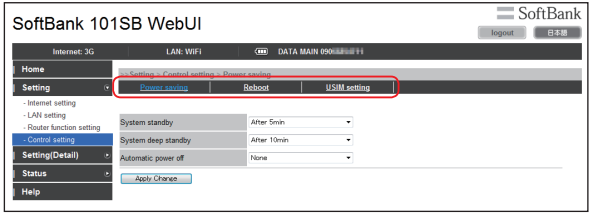
- To cancel unsaved setting and return to previous screen, click ***Back***.

Item	Description	Options	Default
Protocol	Select protocol	TCP, UDP, TCP/UDP	TCP
Internet side's port number	Enter port number for Internet	1-65535	—
LAN side's IP address	Enter open device's IP address	Four sets of numbers (0 to 255)	—
LAN side's port number	Enter port number of convert point	1-65535	—

3 When complete, click ***Apply Change***

Control setting

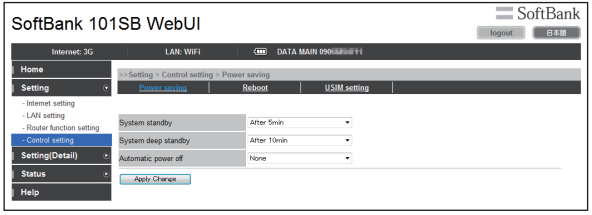
1 Click an item to set or check



- **Power saving (P.4-21)**
- **Reboot (P.4-22)**
- **USIM setting (P.4-22)**

Power saving

After no data communication or operation for a while, Wi-Fi router disconnects Wi-Fi and enters into Power saving mode (System standby mode).
After no operation for a while in System standby mode, Wi-Fi router enters into System deep standby mode, and then automatically powers off.
Set duration until System standby/System deep standby mode or Automatic power off.



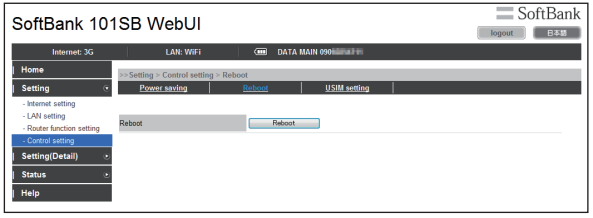
1 Set each item

Item	Description	Options	Default
System standby	Select duration until System standby mode	After 1min, After 3min, After 5min, After 10min, After 15min, None	After 5min
System deep standby	Select duration from System standby mode until System deep standby mode	After 5min, After 10min, After 20min, None	After 10min
Automatic power off	Select duration from System deep standby mode until Automatic power off	After 30min, After 60min, After 90min, None	None

2 When complete, click ***Apply Change***

Reboot

Reboot Wi-Fi router.



1 **Click *Reboot***

A confirmation appears.

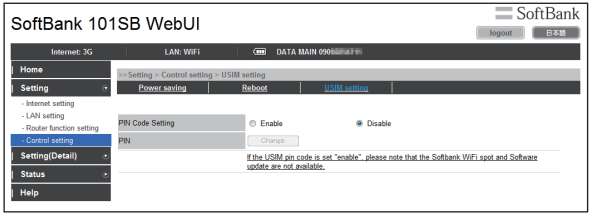
2 **To reboot, click *OK***

Wi-Fi router reboots.

- Log in to continue.

USIM setting

Personal Identification Number (PIN) prevents unauthorized user from using USIM Card. Enable, disable or change PIN.



Enabling/Disabling PIN

When PIN is enabled, 3G connection is disabled. To connect to 3G, unlocking PIN is required.

1 **Select *Enable*/*Disable* from *PIN Code Setting***

2 **Enter PIN correctly in *Current PIN***

Item	Description	Options	Default
Current PIN	PIN currently set	Four to eight-digit number	—

3 **When complete, click *Apply Change***

- To cancel unsaved setting and return to previous screen, click ***Back***.

- If ***PIN Code Setting*** is set to ***Enable***, 3G, SoftBank Wi-Fi Spot and software update are unavailable. Unlock PIN before using.
  See "Unlocking PIN" (P.4-23).
- To unlock PIN, you need a PC or smartphone to view SoftBank 101SB WebUI. If using only a Wi-Fi device other than PC or smartphone, set ***PIN Code Setting*** to ***Disable***.

Unlocking PIN

Unlock PIN to connect to 3G when ***PIN Code Setting*** is set to ***Enable***.

1 Enter PIN correctly in *PIN*

2 Click *Unlock*

PIN is unlocked and Wi-Fi router connects to 3G.

Changing PIN

To change PIN, set ***PIN Code Setting*** to ***Enable***.

1 Click *Change* from *PIN*

2 Set each item

- To cancel unsaved setting and return to previous screen, click ***Back***.

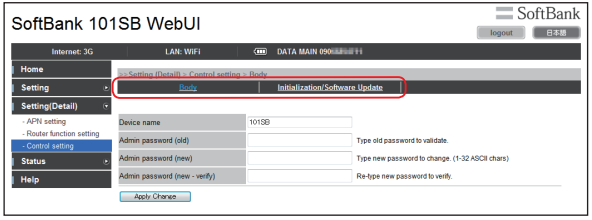
Item	Description	Options	Default
Current PIN	Enter current PIN	Four to eight-digit number	—
New PIN	Enter new PIN	Four to eight-digit number	—
Validate new PIN	Enter new PIN for confirmation	Four to eight-digit number	—

3 When complete, click *Apply Change*

- Incorrectly entering PIN three consecutive times activates PIN Lock. PUK Code is required to unlock it. For details about PUK, contact SoftBank Customer Support (P.6-3). Entering wrong PUK Code ten consecutive times locks Wi-Fi router completely. If Wi-Fi router is completely locked, certain procedures are required. Contact SoftBank Customer Support (P.6-3).

Control setting (Detail)

1 Click an item to set or check

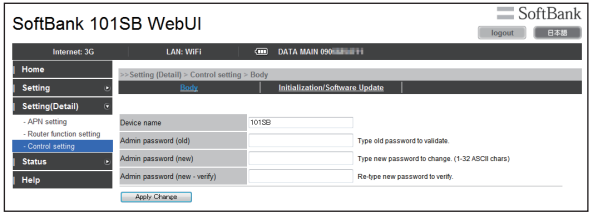


■ **Body (P.4-24)**

■ **Initialization/Software Update (P.4-24)**

Body

Change device name or password necessary to log in to SoftBank 101SB WebUI.



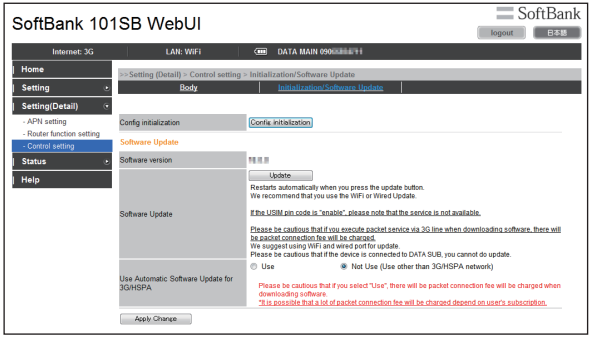
1 Enter device name, current password, new password, and enter new password again for confirmation

Item	Description	Options	Default
Device name	—	1-32 alphanumerics/ symbols (except “¥”, “£”, “€” for iPhone or Android device)	101SB
Admin password (old)	Enter current password		admin
Admin password (new)	Enter new password		—
Admin password (new - verify)	Enter new password again for confirmation		—

2 When complete, click *Apply Change*

Initialization/Software Update

Initialize settings or update software.



Config initialization

Restore factory defaults.

1 Click *Config initialization*

A confirmation appears.

2 To restore factory defaults, click *OK*

Wi-Fi router reboots.

- Log in to continue.

- USIM Card data is not deleted.
- All settings are reset to factory defaults. If you had changed some settings, set up the items again.

Software Update

Update Wi-Fi router's software.

- To perform update, make sure Wi-Fi router is charged.

1 Set each item

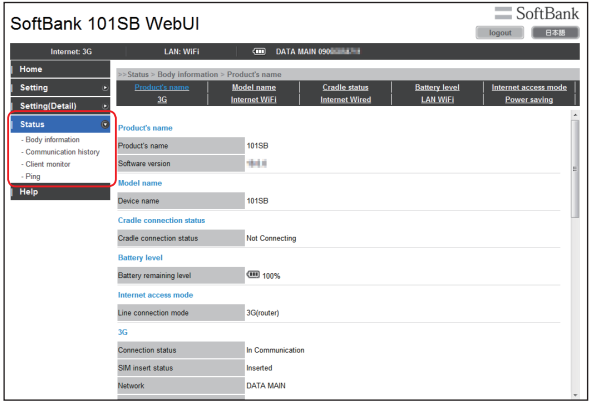
Item	Description	Options	Default
Software version	Software version appears	—	—
Software Update	Click ***Update*** to download/ update new software. Wi-Fi router automatically reboots. Log in to continue	—	—
Use Automatic Software Update for 3G/HSPA	Select Automatic Software Update for 3G connection	Use, Not Use (Use other than 3G/ HSPA network)	Not Use (Use other than 3G/ HSPA network)

2 When complete, click ***Apply Change***

- Wi-Fi router regularly checks for software updates. A confirmation appears when update exists. See "Software Update" (P.1-10).
- By default, Wi-Fi router is set not to perform automatic software update during 3G connection.
  Packet communication fee is incurred when updating via 3G. This setting can be changed.
  SoftBank recommends to update software via Wi-Fi or LAN.
- If ***PIN Code Setting*** is set to ***Enable***, software update is unavailable. Unlock PIN before using.
  See "Unlocking PIN" (P.4-23).

1 In Menu list, click ***Status***

2 Click an item



■ **Body information**
Check Wi-Fi router's detailed information and status (P.4-26).

■ **Communication history**
Check history of transmitted and received packet number for each connection (P.4-26).

■ **Client monitor**
Check devices connected to Wi-Fi router (P.4-27).

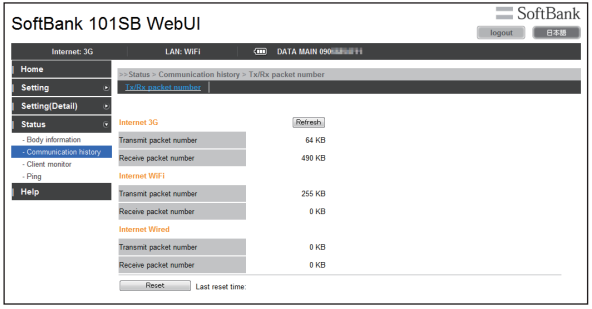
■ **Ping**
Check communication status using Ping (P.4-27).

Body information

Check Wi-Fi router's information and status. Click each item or scroll to view information.

Communication history

Check history of transmitted and received packet number for each connection.



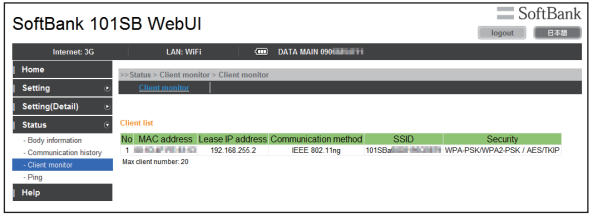
■ **Updating History**
Click ***Refresh***.
New information appears.

■ **Resetting History**
Click ***Reset***.
A confirmation appears. Click ***OK*** to reset.

- Communication history is reset after software update.

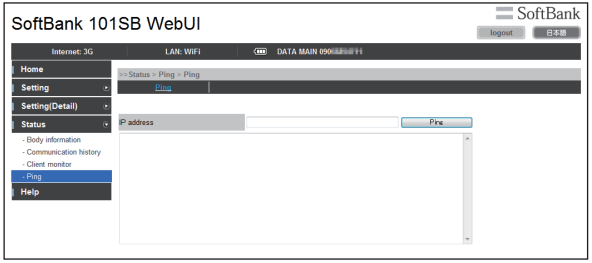
Client monitor

Check Wi-Fi devices connected to Wi-Fi router.



Ping

Check network connection status using Ping.

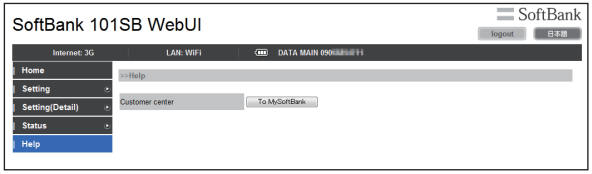


1 **Enter other party's IP address in *IP address***

2 **Click *Ping***

Other party's response and response duration appear.

SoftBank's support information website appears.



1 Click ***To MySoftBank***

5 Troubleshooting

Troubleshooting 5-2

1. Unable to connect Wi-Fi devices

1 Make sure Wi-Fi router is powered on

Power Lamp blinks in System standby/System deep standby mode. Press Power Button to cancel.

2 Confirm *WiFi* appears for Connected Wi-Fi devices on Display

3 If WPS connection fails, see Wi-Fi modem user guide or set Wi-Fi function manually (See "Using LAN" (P.3-1))

4 To connect to WPS PIN specified Wi-Fi, confirm PIN (See "WPS" (P.4-15))

5 Confirm security key

If forgotten, reset Wi-Fi router (See "7. Resetting factory defaults (Reset)" (P.5-4)) or reset security key (See "LAN WiFi" under "LAN setting" (P.4-14)) → Reconnect Wi-Fi.

Some Wi-Fi devices do not support WPA/WPA2. See Wi-Fi user guide.

2. Unable to connect to Internet

1 Make sure Wi-Fi router is powered on

Power Lamp blinks in System standby/System deep standby mode. Press Power Button to cancel.

2 Confirm *3G*, *WiFi* or *INTERNET* appears for Connection Status on Display

- If none of them appears for Connection Status, there is no connection available.

● **INTERNET**

Check Cradle indication on Display.

- If dotted line appears, Wi-Fi router is unable to connect to Internet. Make sure LAN cable is properly inserted.
- Start SoftBank 101SB WebUI and confirm ***Internet Wired*** is properly set. See "Internet Wired" (P.4-11).

● **WiFi**

Start SoftBank 101SB WebUI and confirm ***Internet WiFi*** is properly set.

- Make sure ***Internet WiFi connection*** is set to ***On***.
- Check ***Signal Level*** in ***Setting/change of profile***. Move to where signal is stronger, and then reconnect. See "Internet WiFi" (P.4-8).

● **3G**

Make sure USIM Card is inserted.

Make sure you are within the service area.

- If signal reception is weak, move to where signal is strong, then reconnect.
- The access point might be busy depending on the time of day, wait a little while then reconnect.

Make sure ***PIN Code Setting*** is not set to ***Enable***.

- Start SoftBank 101SB WebUI → Unlock PIN in ***USIM setting***. See "USIM setting" (P.4-22).

Check error indicator on Display.

- If ***NO USIM*** appears, make sure USIM Card is properly inserted.
- If ***3G OFF*** appears, start SoftBank 101SB WebUI → Set ***3G connection*** to ***On***.
- If ***DATA MAIN*** or ***DATA SUB*** does not appear, make sure you are within the service area. If APN is modified, select default profile, and then reconnect.

3. Transmission fails

1 Make sure Wi-Fi router is powered on

Power Lamp blinks in System standby/System deep standby mode. Press Power Button to cancel.

2 Make sure Wi-Fi router is properly connected to Wi-Fi device

3 Signal may be weak. Move to where signal is stronger

- If profile access point set to ***Internet WiFi*** cannot access to Internet, profile connection is disconnected, and then Black list icon appears.
- Wi-Fi router automatically recognizes stronger network. Wi-Fi is chosen over 3G if Wi-Fi network is stronger, and vice versa. Communication may be interrupted during switching.
- When Wi-Fi profile set to Bridge mode is connected in Internet WiFi on SoftBank 101SB WebUI, communication may be interrupted.
- If Internet WiFi channel and LAN WiFi channel are close, LAN side channel may be changed for faster communication speed. Then, LAN side Wi-Fi connection is interrupted.

4. Transmissions are slow

Signal may be weak. Move to where signal is stronger.
Connection may be weak. Try again later.

5. Forgot PIN/Unknown PUK Code/USIM Card is locked

Contact SoftBank Customer Support (P.6-3).

6. USIM Card is not recognized

1 Confirm that USIM Card is properly installed

See "USIM Card Installation" (P.1-11).

2 Check USIM Card for damage

3 Check USIM Card IC chip for scuffs/corrosion

4 Debris on USIM Card IC chip may prevent recognition. Clean it with a soft cloth

5 Contact SoftBank Customer Support (P.6-3)

7. Resetting factory defaults (Reset)

Restore Wi-Fi router's settings to factory defaults.

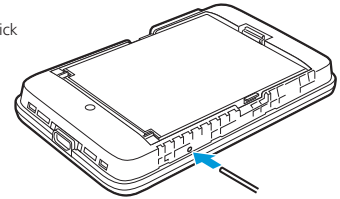
- USIM Card data is not deleted.
- All settings are reset to factory defaults. If you had changed some settings, set up the items again.

●Using RESET Key

① Remove Cover

② Press RESET Key with thin stick

Wi-Fi router reboots.



●Using SoftBank 101SB WebUI

① In SoftBank 101SB WebUI, ***Setting(Detail)*** → ***Control setting*** → ***Initialization/Software Update***

② Click ***Config initialization***

6 Appendix

Specifications 6-2
Warranty & Service 6-2
Customer Service 6-3

Specifications

● **Wi-Fi router**

Model Name	SoftBank 101SB
Dimensions	105 mm (D) × 62.5 mm (W) × 15.2 mm (H)
Weight[1]	130 g (including Battery)
Interface	Compatible with USB 2.0
Power Consumption[1]	4 W (maximum) Power consumption varies by usage.
Operating Environment	Operating Temperature: 0°C to +40°C Operating Humidity: 0% to 85%
Frequency	W-CDMA: 1500 Mhz, 1700 Mhz
Compatible Networks	WAN (Wi-Fi router): 3G (W-CDMA); 3G High Speed (HSUPA/HSDPA, HSPA+, DC-HSDPA); IEEE802.11b/g/n WAN (Cradle): IEEE802.3u (100BASE-TX); IEEE802.3i (10BASE-T) WLAN: IEEE802.11b/g/n
Charging Time[2]	140 minutes (with AC Charger, power off)
Continuous Operating Time[3]	330 hours
Continuous Communication Time[3]	2.6 hours

[1] Approximate value

[2] Varies by ambient temperature, battery usage, etc.

[3] Varies by environment, signal conditions, etc.

● **Cradle**

Dimensions	58.8 mm (D) × 81 mm (W) × 29 mm (H)
Weight[1]	50 g
Interface	USB 2.0 RJ45

[1] Approximate value

Warranty & Service

Wi-Fi router purchase includes Warranty.

- Confirm shop name and purchase date.
- Read contents of Warranty and keep it in a safe place.
- The warranty period can be found in the Warranty.
- Before submitting Wi-Fi router for repairs, contact SoftBank Customer Support (P.6-3) or SoftBank Shop; be prepared to describe problem in detail.
- During the warranty period, repairs will be made under the terms and conditions described in the warranty.
- After the warranty period, repairs will be upon request; if said repairs can be made, you will be charged for them.

- SoftBank Mobile is not liable for any damages resulting from the use of this Wi-Fi router.
- Files and settings may be lost or altered due to accidents or repairs. Keep a copy of important files, etc.
  SoftBank Mobile is not liable for damages resulting from accidental loss or alteration of files or settings.
- Disassembling or modifying this Wi-Fi router may be a violation of the Radio Law. Note that SoftBank Mobile does not accept repair requests for disassembled or modified products.
- For more information, contact SoftBank Shop or SoftBank Customer Support (P.6-3).

Customer Service

For information about SoftBank Mobile devices or services, call General Information.
For repairs, call Customer Assistance.

SoftBank Customer Support

General Information

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

Customer Assistance

- From a SoftBank handset, dial toll free at 113
- From a landline/IP phone, dial toll free at 0800-919-0113

If you cannot reach a toll free number, use the number (charges apply) below for your service area:

Hokkaido Area Tohoku Area Hokuriku Area Kanto, Koshinetsu Area	022-380-4380	Tokai Area	052-388-2002
Kansai Area	06-7669-0180	Chugoku, Shikoku Area Kyushu, Okinawa Area	092-687-0010

SoftBank Technical Support Center (Setup, Operations & Technical Issues)*

Service Hours 9:00-20:00
From a SoftBank handset, dial toll free at 5525
From a landline/IP phone, dial toll free at 0088-21-5525
*These numbers cannot be dialed from outside Japan.

SoftBank Mobile Global Call Center

From outside Japan, dial +81-3-5351-3491 (toll free from SoftBank handsets)
If 101SB is lost/stolen, call this number immediately (international charges apply)

SoftBank 101SB User Guide

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SOFTBANK MOBILE Corp.

Please help the mobile industry maintain high environmental standards. Recycle your old handsets, batteries and charger units (all manufacturers and brands). Before you recycle, please remember these important points:

- Handsets, batteries and chargers submitted for recycling cannot be returned.
- Always erase all data on old handsets (Phone Book entries, call records, mail, etc.).

Model Name: SoftBank 101SB

Manufacturer: FOXCONN Japan Co., Ltd.