






## Configuring the Connection Destination Connecting Wide Area Network (WAN)

### Launch Quick Setting Web

- Open the web browser on the wireless LAN (Wi-Fi\*) device (such as a smartphone) connected to the product in **STEP2**.
  - Settings cannot be done on this product for Quick Setting Web while the display (touch panel) is on. Additionally, operating this product's display (touch panel) while setting Quick Setting Web may interrupt the settings on Quick Setting Web. Tap the Power button  to turn off the display or open the lock screen.
- Open Quick Setting Web for the product.
  - Type "http://192.168.179.1" into the address bar in the web browser and either tap [実行 (Execute)] or [開く (Open)], or press the Enter key on the keyboard.

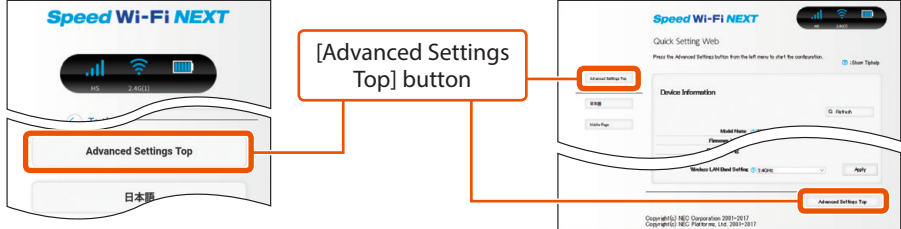
http://192.168.179.1

http://192.168.179.1

<< Example of Google Chrome's screen for mobile phones >>

<< Example of Microsoft Edge's screen for PCs >>

- Tap or click [To the Advanced Settings page] in the screen of Quick Setting Web.



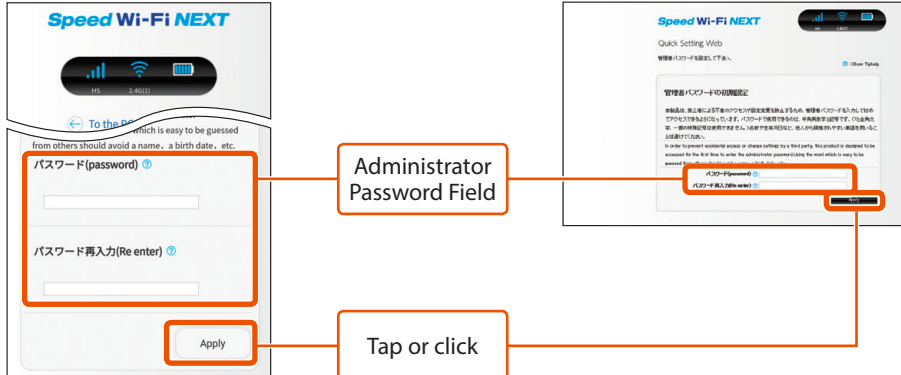
Follow instructions below for Advanced Settings

- 1 Perform Initial Settings for Administrator Password.

Type a password (any string of characters) in the [パスワード (password)] (Re enter) field and tap or click [Apply].

This password will be required every time you open "Quick Setting Web" for the product. Make sure that you do not lose this password.

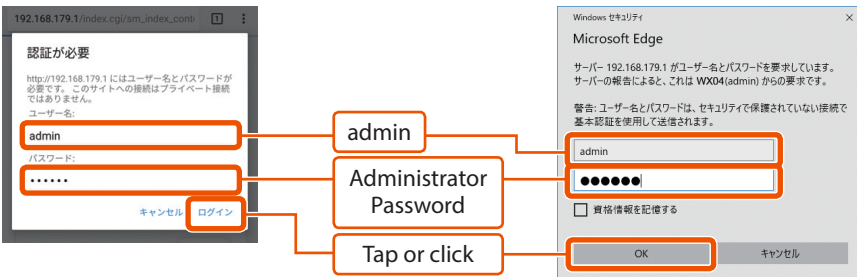
\* This screen is displayed when the administrator password is not set.



Administrator Password Memo

\* Write it down in this location, as described in the enclosed つなぎかたガイド "Setup Guide" (Japanese).

- 2 Type "admin" for the [名前 (Name)] or [ユーザー名 (User Name)] and the "administrator password" set in **4** -1 for the [パスワード (Password)], and then tap [ログイン (Login)] or click [OK].



## Configuring the Connection Information

### Connecting to Wide Area Network (WAN)

- Follow the procedures below to add profiles when information required for internet connection (user name, password etc.) is specified by your WiMAX operator.
- If the WiMAX operator to whom you are subscribed specifies a preset profile, select the profile in [Settings] - [APN Settings] in the home screen. If there is no such information provided, you can use the profile (Profile name "Internet") of this product to connect to the internet.

#### When using a smartphone/tablet (Android device)/iPad/iPhone/iPod touch

- Tap [ネットワーク設定 (Network Settings)] - [プロフィール設定 (Profile Settings)].
- After selecting [no setup] in the [プロフィールリスト (Profile List)], tap [選択 (select)], enter the setup information such as the APN of the WiMAX operator to whom you are subscribed, and tap [設定 (Apply)].
  - The displayed content may be grayed out.
  - If you have any questions, please check with the WiMAX operator to whom you are subscribed.
- Tap [詳細設定 TOP へ (Advanced Settings Top)], and tap [保存 (Save)].
- Tap [ネットワーク設定 (Network Settings)] - [接続設定 (Connection Settings)].
- In the Profile Selection, select the profile which you selected in step **2**, and tap [設定 (Apply)].
- Tap [詳細設定 TOP へ (Advanced Settings Top)], and tap [保存 (Save)]. Try opening a website to verify the connection.

#### When using a PC

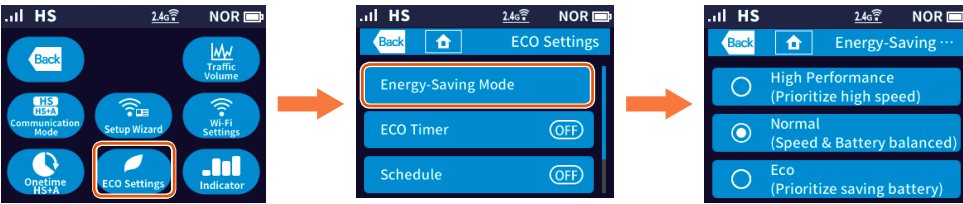
- Click [ネットワーク設定 (Network Settings)] - [プロフィール設定 (Profile Settings)].
- After selecting [no setup] in the [プロフィールリスト (Profile List)], click [選択 (select)], enter the setup information such as the APN of the WiMAX operator to whom you are subscribed, and click [設定 (Apply)].
  - The displayed content may be grayed out.
  - If you have any questions, please check with the WiMAX operator to whom you are subscribed.
- Click [保存 (Save)].
- Click [ネットワーク設定 (Network Settings)] - [接続設定 (Connection Settings)].
- In the Profile Selection, select the profile which you selected in step **2**, and click [設定 (Apply)].
- Click [保存 (Save)]. Try opening a website to verify the connection.

### Waiting and Idling

- Waiting: A function to minimize power consumption in order to increase the operating time.
- Idling: A function for prompt start from wireless idling state.

### Energy-Saving Mode Setting

These functions save energy by limiting the communication speed of the Wide Area Network (WAN) and wireless LAN (Wi-Fi\*), and extend the continuous operating time. Select from High Performance Mode, Normal Mode, or Eco Mode. The default value is "Normal Mode". Do Settings on the home screen's [Menu] - [ECO Settings] - [Energy-Saving Mode] or on Quick Setting Web's [ネットワーク設定 (Network Settings)] - [基本設定 (Basic Settings)].



**High Performance Mode:** Does not limit the communication speed, but the continuous operation time is shorter than other modes.


**Eco Mode:** Limits the communication speed and the continuous operation time becomes longer.

**Normal Mode:** Does not limit the communication speed when the remaining battery level is enough. But when the remaining battery level is low, it limits the communication speed and the communication operation time becomes longer. This function switches when the non-communication state of Wide Area Network (WAN) continues.

\* The wireless LAN (Wi-Fi\*) connection may be lost when switching between High Performance Mode, Normal Mode, and Eco Mode.

### Schedule Function

This function automatically turns off the power at a specified time, and recovers from the idle state or power off at a specified time. You can automatically save energy when the product is not used. (Default setting: OFF)

- On the product's home screen tap [Menu] - [ECO Settings] - [Schedule], and then tap [OK] in the confirmation screen.
- Confirm that the schedule icon () is displayed on the status bar.

\* The default time settings are "Power ON 6:00" and "Power OFF 22:00".

To change the set times, set [ECO 設定 (ECO Settings)] - [ECO 設定 (ECO Settings)] - [スケジュール機能設定 (Schedule Function Setting)] on Quick Setting Web (for computers).

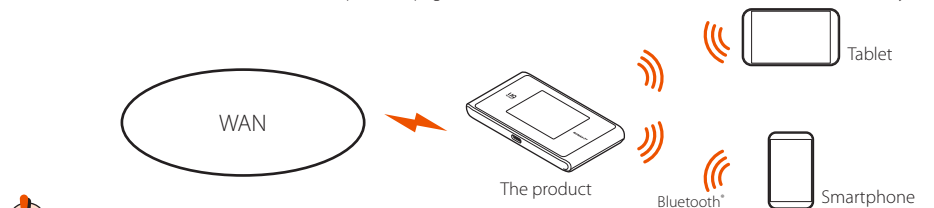
## Connecting via Bluetooth® Function

Use this product as an access point to connect Bluetooth® equipped devices, such as a smartphone or tablet, to the internet. It is efficient for saving energy if you are worried about your battery endurance when away from home.

Up to 3 devices can be connected to the product via Bluetooth® function. (For pairing, up to 3 devices can be registered.)

However, depending on the connection status of your Bluetooth® equipped device, the number of connected devices may not reach the limit.

\* The wireless LAN (Wi-Fi\*) function (on the previous page) and the Bluetooth® function cannot be used simultaneously.



- If Bluetooth® is disconnected after pairing, tap the Bluetooth device name for this product on the Bluetooth screen of the Bluetooth® equipped device you are using to reconnect.
- When the number of paired devices reaches the limit, "You cannot configure because the number of connected devices has got to the maximum." is displayed on the product's display. In that case, delete pairing information displayed in "Bluetooth Pairing Info" on "Bluetooth Settings" in the screen of Quick Setting Web.

### Checking the Devices

- Your Bluetooth® equipped device supports Bluetooth 2.1 or later.
- Your device supports the profile (PANU) which can connect to the internet.

For models that support PANU, see the manufacturer's website for each Bluetooth® equipped device.

### Preparing for the Connection

#### Take Note of the Product's Bluetooth Device Name

- Tap [Information] - [Bluetooth Information] when the home screen is displayed on the product's display (touch panel).
- "Device Name (Tethering)" is displayed.


The Bluetooth device name of this product is displayed in "Device Name (Tethering)".

Bluetooth Device Name

Memo

\* Write it down in this location, as described in the enclosed つなぎかたガイド "Setup Guide" (Japanese).

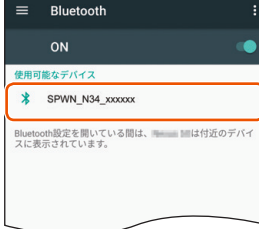
#### Switching the LAN Connection Settings to Bluetooth®

- Tap [Settings] - [LAN Settings] - [LAN side Wireless] when the home screen is displayed on the product's display (touch panel).
- Tap [Bluetooth] to select it.
- Wait awhile, and then check that  is displayed on the status bar.

## Configuring the Connection Information

#### For Smartphones/Tablets (Android Devices)

- Tap [Settings] - [Bluetooth Settings] when the home screen is displayed on the product's display (touch panel).
- Tap [Bluetooth Pairing].
  - "Bluetooth Pairing is in progress..." is displayed on the display.
- Tap [設定 (Settings)] - [Bluetooth] on your Bluetooth® equipped device and set to "ON".
  - \* For how to do settings, refer to the user manual, etc., for the device you are using.
- The Bluetooth device name for this product is displayed on the Bluetooth® equipped device you are using. Tap it.



- When "Does your device display the following number? \*\*\*\*\*" is displayed on the product's display (touch panel), check the number, and then tap [YES].

\* "\*\*\*\*\*" is the verification number that is used between these devices. It changes each time you do pairing.

- Tap [ペア設定する (Pairing)] on your Bluetooth® equipped device.

The displayed items may vary depending on the Bluetooth® equipped device.


- Once the message "Bluetooth Pairing succeeded." is displayed on the product's display (touch panel), tap [Exit].

\* If "Bluetooth Pairing failed" is displayed, retry from step **1**.

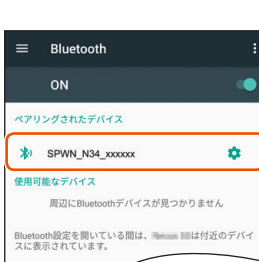
- On your Bluetooth® equipped device, tap the Bluetooth® device name of this product to connect to the internet.

If the device cannot be connected to the internet, tap the icon on the right side of the device name to check that "Internet Access(\*)" is marked.

(\*) The displayed items may vary depending on the Bluetooth® equipped device.

- Check that a value of "1" or more is displayed to the bottom right of  in the product display.

\* This number indicates the number of connected devices.



#### For iPad / iPod touch

\* This function is unavailable, as iPhone does not support PANU. (As of November, 2017)

- Tap [Settings] - [Bluetooth Settings] when the home screen is displayed on the product's display (touch panel).
- Tap [Bluetooth Pairing].
  - "Bluetooth Pairing is in progress..." is displayed on the display.
- Tap [設定 (Settings)] - [Bluetooth] on your Bluetooth® equipped device and set to "ON".
  - \* For how to do settings, refer to the user manual, etc., for the device you are using.
- The Bluetooth device name for this product is displayed on the Bluetooth® equipped device you are using. Tap it.



- When "Does your device display the following number? \*\*\*\*\*" is displayed on the product's display (touch panel), check the number, and then tap [YES].

\* "\*\*\*\*\*" is the verification number that is used between these devices. It changes each time you do pairing.

- Tap [ペアリング (Pair)] on your Bluetooth® equipped device.


The displayed items may vary depending on the Bluetooth® equipped device.

- Once the message "Bluetooth Pairing succeeded." is displayed on the product's display (touch panel), tap [Exit].

\* If "Bluetooth Pairing failed" is displayed, retry from step **1**.

- Check that "SPWN\_N34\_XXXXX 接続済み (Connected)" is displayed on the Bluetooth® equipped device you are using.

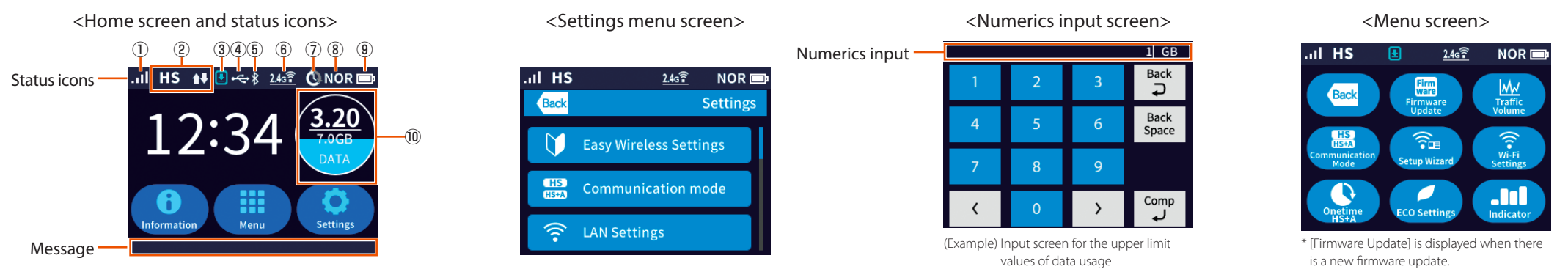
\* The Bluetooth® equipped device name for this product is displayed as "SPWN\_N34\_XXXXX".

- Check that a value of "1" or more is displayed to the bottom right of  in the product display.

\* This number indicates the number of connected devices.






















### Displayed Information



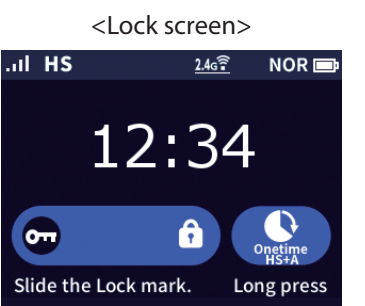
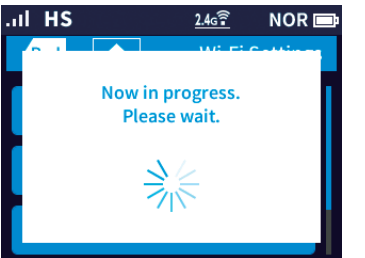
(Example) Input screen for the upper limit values of data usage

\* [Firmware Update] is displayed when there is a new firmware update.

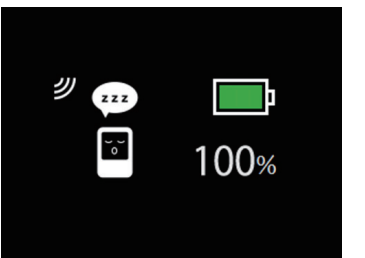
Name	Indicator	State	Explanation
① Reception level		Lit	Indicates the signal strength of Wide Area Network (WAN) in 4 levels
② Connection status		Lit	Indicates that the product is out of the service area
	HS	Lit	Indicates that the product is connected to the internet in High Speed mode
	HS+A	Lit	Indicates that the product is connected to the internet in High Speed Plus Area mode(*)
	HS+A	Lit (green)	Indicates that the product is connected to the internet in Onetime HS+A mode(*)
③ Firmware update notification		Lit (blue)	Indicates that new firmware has been released and an update is required
④ Status of wired connection		Lit	Indicates that LAN is connected via USB
⑤ Status of Bluetooth® function		Lit	Indicates that Bluetooth® is on (the number on the lower right indicates the number of connected devices)
		Off	Indicates that Bluetooth® is off
⑥ Wireless LAN (Wi-Fi*) bandwidth		Lit	Indicates that the product is connected to the 2.4 GHz bandwidth (the number on the lower right indicates the number of connected devices)
		Lit	Indicates that the product is connected to the 5 GHz bandwidth (outdoors) (the number on the lower right indicates the number of connected devices)
		Blinking	Indicates that a DFS check is in progress
		Lit	Indicates that the product is connected to the 5 GHz bandwidth (indoors) (the number on the lower right indicates the number of connected devices)
⑦ Schedule		Lit	Indicates that the Schedule function is set
		Lit (orange)	Indicates that the Schedule function is set and there is less than 10 minutes to power off
⑧ Energy-Saving mode		Lit (green)	Indicates that the product is running in Eco Mode
		Lit (green)	Indicates that the product is saving energy when the remaining battery level is low in Normal Mode
		Lit	Indicates that the product is running in Normal Mode
		Lit	Indicates that the product is running in High Performance Mode
⑨ Battery status		Lit	Indicates the remaining battery level on a scale of 6 levels
		Lit	Indicates that the battery is being charged
⑩ Displaying data usage		Lit	Indicates the current data usage (value of data usage accumulated/value of set upper limits) The lower area of the circle that is covered indicates the proportion used

\* A separate designated additional charge may be incurred when using High Speed Plus Area mode or Onetime HS+A mode.

<Settings message display>  
This is displayed while doing settings for the product.




<Display while idling>  
This is displayed when the Power button  is pressed.




### Initialization Method

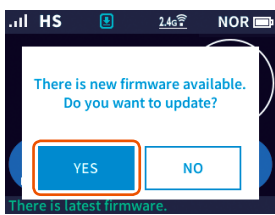
When the product is not operating properly or to bring back the default setting, perform initialization by following the steps below. (This will delete all user settings and the screen display will change to Japanese.)

- Press the product's Power button  to display the home screen on the display.
- From the home screen tap [Settings] - [Maintenance] - [Initialize].
- Once the message "Restoring to the initial settings. Do you want to initialize this device?" is displayed on the product's display (touch panel), tap [YES].
- Initialization will be completed once the product has been reactivated.

### Updating the Firmware

Follow the steps listed below to update the firmware.

- Press the product's Power button  to display the home screen on the display.
- Once the message "There is new firmware available. Do you want to update?" is displayed on the product's display (touch panel), tap [YES].
- "Now updating the firmware... Please do not remove the battery pack." is displayed while the update is processing.
- When the update has been completed, the product will automatically reactivate and the home screen will appear on the display.

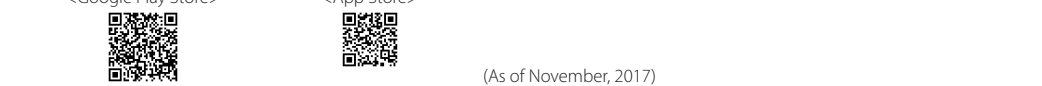


Firmware cannot be updated when the product is connected to the cradle (sold separately) and used in wireless LAN Access point mode. Update the firmware when the product is removed from the cradle (sold separately) and "Access Point Mode" is set to "Disable".


### Smartphone Application "NEC WiMAX 2+ Tool"

By using "NEC WiMAX 2+ Tool", an application designed especially for this product, it is possible to view information about the product on your smartphone, etc. and perform operations to update the firmware or switch to the idle state.

- This specialized application enables remote-activation. Search the Google Play or App Store for "NEC WiMAX 2+ Tool" to download and install this specialized application.



(As of November, 2017)

\* Settings cannot be done on this product with "NEC WiMAX 2+ Tool" while the display (touch panel) is on. In addition, operating the product's display (touch panel) while doing settings via "NEC WiMAX 2+ Tool" may interrupt the settings being done with "NEC WiMAX 2+ Tool". Tap the Power button  to turn off the display or open the lock screen.

Be sure to configure the password before activating the specialized application.  
If the message "管理用パスワードが設定されていません。 管理者/パスワードを設定しますか (The administrator password has not been set. Would you like to set the administrator password?)" is displayed when the specialized application is activated, set the password by following the instructions on-screen.

- Administrator Password Memo
  - Write it down in this location, as described in the enclosed つなぎかたガイド "Setup Guide" (Japanese).
  - Take note of the administrator password as it will be required in order to configure the product.