

# Wi-Fi STATION HW-01H

ISSUE DATE:

*'16.4*

NAME:

PHONE NUMBER:

MAIL ADDRESS:

INSTRUCTION MANUAL

# Introduction

Thank you for purchasing “HW-01H” mobile terminal.

Before using your terminal, or when necessary, read this manual to ensure safe use and handling.



## About This Manual

This manual uses illustrations and markings in procedure descriptions to promote correct use of the terminal.

- The images or illustrations used in this manual are examples. They may differ from the actual product or screens.
- In this manual, “HW-01H” mobile terminal is usually referred to as “the terminal”.

### ■ “かんたんセットアップマニュアル (Quick Setup Manual)” (included accessory) (in Japanese only)

This manual describes how to connect to the terminal with a computer, game device, iPhone, or other device.

### ■ “ご利用にあたっての注意事項 (Usage Precautions)” (included accessory) (in Japanese only)

This supplement describes precautions for using the terminal. Be sure to read before using the terminal.

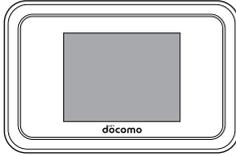
### ■ “Instruction manual” (PDF file)

The manual describes how to connect the terminal with a computer, function settings, and how to operate the terminal.

- Updated information for this manual can be downloaded from the NTT DOCOMO website.
  - “Instruction manual” (PDF file) download  
<https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html>
  - The URL and contents are subject to change without prior notice.
- The reproduction or reprinting of all or part of this manual without prior permission is prohibited.
- The contents of this manual are subject to change without prior notice.

# Basic package

**HW-01H (including warranty)**



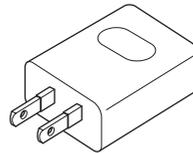
**Battery Pack HW08**



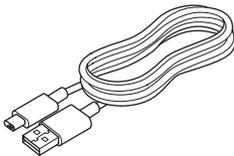
**Back Cover HW11**



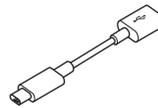
**AC Adapter HW06  
(including warranty)**



**USB Cable HW05**



**Charging Cable HW01**



- **かんたんセットアップマニュアル (Quick Setup Manual) (in Japanese only)**
- **ご利用にあたっての注意事項 (Usage Precautions) (in Japanese only)**
- **Wireless LAN (WLAN) initialization sticker**

For optional products (sold separately) of this terminal, see the NTT DOCOMO website.  
<https://www.nttdocomo.co.jp/product/option/> (in Japanese only)



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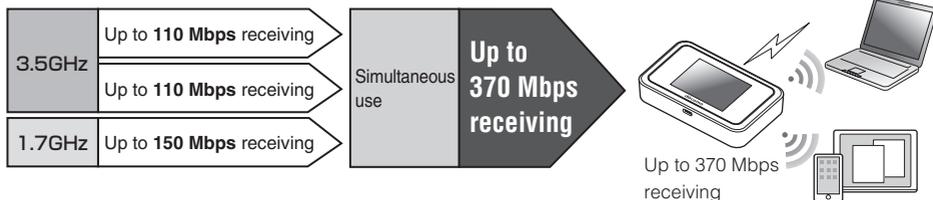


# Before using the terminal

- This terminal supports LTE, W-CDMA, GSM/GPRS and wireless LAN systems.
- Because your terminal uses wireless transmission, it may not function in locations where it is difficult for radio waves to penetrate, such as tunnels, underground passages and some buildings, in areas where radio waves are weak, or out of LTE and out of FOMA service area. Even when you are high up in a tall building or condominium and nothing blocks your view outside, your terminal may not be able to receive or transmit signals. Also, communication may be interrupted even when there are strong radio waves with 4 antenna bars on the terminal and you are not moving (traveling).
- DOCOMO will not be held liable for any pure economic loss, such as losses arising from missed opportunities for sending/receiving information, etc., due to external causes such as misoperation of the terminal or power outages.
- This terminal supports PREMIUM 4G Area, FOMA Plus-Area, and FOMA HIGH-SPEED Area.
- You can use the terminal only with a docomo mini UIM card. If you have a UIM, nanoUIM, or FOMA card, bring it to a docomo Shop for replacement.
- Costly communication charges are applied for data-heavy communication, such as browsing websites containing many images, large-volume downloads, etc.
- Communication may slow or you may not be able to connect depending on network traffic.
- The terminal does not support voice calls or digital communication (TV calls or 64K data communication).
- To use the Internet with a computer or other device, usage fees for a subscription line for DOCOMO Xi/FOMA service as well as separate usage fees for an Internet Service Provider such as DOCOMO-compatible provider "mopera U" are required. Check the "mopera U" website (<http://www.mopera.net>) (in Japanese only) for how to apply for "mopera U" service, details of service, and configuring settings. You can also use other Internet Service Providers, in which case you can remit payment for usage fees directly to them. When using another provider, check with the provider for details.
- Depending on the connection, user authentication (ID and password) may be required when connecting. If required, enter your ID and password to connect.  
An ID and password are assigned by the Internet Service Provider or the network administrator for the access point. For details, contact the provider or network administrator.
- Note that DOCOMO does not guarantee operation of third-party optional products.
- While the display uses advanced technology, there may be non-lighting or always-lit pixels. This is characteristic and is not an indication of malfunction.
- In the event of loss, it is recommended that you set a passcode to ensure the security of the terminal. →P.147
- Software for the terminal can be updated to the latest version. →P.184
- See the NTT DOCOMO website for details on usage fees.

# Main functions of HW-01H

The LTE communication of this terminal supports PREMIUM 4G™ (LTE-Advanced). It newly supports carrier aggregation that bundles 3.5 GHz frequency band and enables the fast communication of up to 370 Mbps receiving.



**You can connect several Wi-Fi devices (computers, game devices, etc.) at the same time via Wi-Fi. Also, you can connect to a computer with a USB cable to send/receive data and charge another mobile device using the power supply function.**

- See "Main specifications" for details on communication speed. →P.187

## Connecting by Wi-Fi

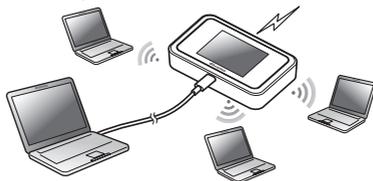
Connect the terminal with a Wi-Fi device such as a computer, game device, etc. for data communication. You can connect up to 10 Wi-Fi devices (for public wireless LAN, up to 9 devices/when using multiple SSID, up to 9 devices in total: 5 devices for the SSID1 and 4 devices for the SSID2) to the terminal at the same time.



## Connecting/Communicating by USB cable

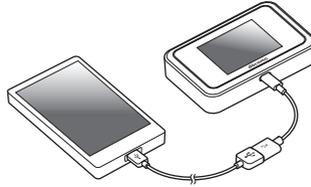
Connect the terminal to a computer via USB cable for data communication. You can also use a Wi-Fi connection together with USB tethering.

While connected via USB cable, you can connect up to 10 Wi-Fi devices (for public wireless LAN, up to 9 devices/when using multiple SSID, up to 9 devices in total: 5 devices for the SSID1 and 4 devices for the SSID2) to the terminal at the same time.



## Charging a mobile device

By using the power supply function of this terminal, you can charge another mobile device connected to this terminal with the bundled charging cable HW01.



For connecting/charging method, see “Charging a mobile device” (→P. 160).

### ■ Default setting for connection

The terminal's default setting for connection is “mopera U”. To use a provider other than mopera U, you must change the setting before using data communication.

See “Profile management” (→P.99) for how to configure the setting.

### ■ DFS function

The terminal incorporates a (Radio Law) compulsory DFS function in order to avoid interference in the Wi-Fi 5 GHz band. As the Wi-Fi 5 GHz frequency band used by the terminal is also used by weather radar and other facilities, interference with weather radar may occur depending on where you are using it.

If the terminal detects radio waves from weather radar or other source while using the Wi-Fi 5 GHz band, the DFS function activates and the terminal automatically changes to another channel in the Wi-Fi 5 GHz band where there is no interference.

Interference may be unavoidable if there are several wireless LAN devices or other devices nearby using the same Wi-Fi 5 GHz band. In this instance, communication speed may become extremely slow.

### ■ Changing to Wi-Fi 5 GHz band

When the terminal changes from the Wi-Fi 2.4 GHz band to the Wi-Fi 5 GHz band, it checks for a minimum of 60 seconds whether there is weather radar or other source of interference nearby, and uses a channel where there is no interference to connect to the network. This is referred to as DFS check in this manual.

DFS check also activates when you turn on power while set to the Wi-Fi 5 GHz band or after the terminal recovers from being disconnected with network sleep or similar function. During DFS check, Wi-Fi is temporarily disconnected then reconnected after about 1 minute\*. You cannot connect to the network during this time.

Any Wi-Fi devices are also disconnected from the terminal. Operate the devices to reconnect as required.

When the terminal changes from 5 GHz to 2.4 GHz, DFS check does not activate, and network connections are maintained.

\* More time may be required depending on the result of a DFS check.

The terminal supports international roaming.

You can use LTE/3G/GSM/GPRS networks overseas for sending/receiving data.

# Precautions (Always follow these directions)

- Before using your terminal, or when necessary, read the precautions below to ensure safe use and handling. After reading this manual, keep it in a safe place.
- These precautions are intended to protect you and others around you. Read and follow them carefully to avoid injury, damage to the product or damage to property.
- The signs below differentiate between the levels of danger that can occur if the product is not used within the specified guidelines.

 <b>DANGER</b>	This sign denotes that death or serious injury may directly result from improper use.
 <b>WARNING</b>	This sign denotes that death or serious injury may result from improper use.
 <b>CAUTION</b>	This sign denotes that minor injury or damage to property may result from improper use.

- The symbols below show specific directions.

 Don't	This symbol denotes that the action is prohibited.
 No disassembly	This symbol denotes that disassembling the terminal or its components is not allowed.
 No liquids	This symbol denotes that using the terminal or its components in a bathroom or other highly humid area is not allowed.
 No wet hands	This symbol denotes that using the terminal or its components with wet hands is not allowed.
 Do	This symbol denotes that an instruction must be obeyed at all times.
 Unplug	This symbol denotes that the terminal should be unplugged.

- Precautions contain the description below.

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# 1. Handling the terminal, battery pack, adapter, USB cable, charging cable and docomo mini UIM card (common)

## DANGER



**Do not use, store or leave the terminal in hot places (e.g. by a fire, near a heater, under a kotatsu or futon, in direct sunlight, in a car in the hot sun).**

May cause fire, burns, injuries, or electric shock.



**Do not put the terminal into or near a heating cooking device such as a microwave oven or IH cooker, or high-pressure container such as a pressure cooker.**

May cause fire, burns, injuries, or electric shock.



**Do not put sand, dirt, or mud on the terminal or put it on them directly. Do not touch the terminal with hands to which sand or others adhere.**

May cause fire, burns, injuries, or electric shock. For the dustproof function, refer to the following. →P. 17 "Dustproof Function"



**Do not charge when the terminal is wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.).**

May cause fire, burns, injuries, or electric shock.



**Do not disassemble or remodel the terminal.**

May cause fire, burns, injuries, or electric shock.



**Do not let the terminal get wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.).**

May cause fire, burns, injuries, or electric shock.



**Do not put water (drinking water, perspiration, seawater, urine of pet animals, etc.) into the charging terminal or external connection terminal.**

May cause fire, burns, injuries, or electric shock.



**Use the optional products specified by NTT DOCOMO for your terminal.**

Not doing so may cause fire, burns, injuries, or electric shock.

## WARNING



**Do not drop, trample, or throw the terminal or give a strong force or vibration to it.**

May cause fire, burns, injuries, or electric shock.



**Keep conductive materials (metal pieces, pencil lead, etc.) from coming in contact with the charging terminal or external connection terminal and prevent dust from getting inside.**

Not doing so may cause fire, burns, injuries, or electric shock.



**Do not cover or wrap the terminal with a blanket, etc. while using or charging.**

May cause fire or burns.



**If charging is not complete after the specified charging time has passed, stop charging.**

Not doing so may cause fire, burns, or injuries due to overcharge.



**Make sure to turn off the terminal or stop charging before you get close to places such as a gas station where a flammable gas or dust can be generated.**

Not doing so may cause the gas to ignite or fire.



**If the terminal gives off a strange smell, noise, smoke, or overheats or becomes discolored or deformed during use, charge, or storage, perform the following operations.**

- Remove the power plug from the outlet.
- Remove the charging cable from the terminal.
- Turn the terminal OFF.
- Remove the battery pack from the terminal.

Not doing so may cause fire, burns, injuries, or electric shock.

## CAUTION



**Do not use the damaged terminal.**

May cause fire, burns, or injuries.



**Do not leave the terminal on unstable or sloping surfaces.**

The terminal may fall and cause injuries.



**Do not store the terminal in extremely humid, dusty or hot areas.**

May cause fire, burns, or electric shock. For the dustproof function, refer to the following. →P. 17 "Dustproof Function"



**When children use the terminal, do not let them use incorrectly without instruction by an adult for proper use.**

May cause injuries.



**Do not store the terminal within reach of small children.**

May cause small children to accidentally swallow the product or cause injuries and electric shock.



**Be careful when using the terminal continuously for a long time or charging as it gets hot. Also, avoid touching the terminal for a long time by falling asleep unintentionally.**

While using the terminal for a long time such as using data communication or charging, the terminal, the battery pack, or the adapter may get hot. Directly touching a hot part for a long time, you may have redness, itching or rash on your skin, or it may result in low-temperature burns depending on your constitution and/or health condition.



**When using the terminal in a medical facility, be sure to observe the regulations of the facility.**

Turn the terminal off where its use is prohibited. Not doing so may cause electronic equipment or electronic medical equipment to fail or malfunction.

## 2. Handling the terminal

### DANGER



**Do not throw the terminal into fire or apply heat.**

May cause fire, burns, or injury due to battery ignition, rupture, overheating, or leak.



**Do not apply excessive force such as sticking a nail into the terminal, hitting it with a hammer, or stepping on it.**

May cause fire, burns, or injury due to battery to ignite, rupture, overheating, or leak.



**If materials inside the display enter your eyes or mouth, immediately flush your eyes or mouth with clean water and see a doctor right away.**

Not doing so may cause loss of sight or poor physical condition due to the influence of the fluid, etc. inside the display.

### WARNING



**Do not watch the display that blinks repeatedly for a long time.**

May cause spasm, loss of consciousness, etc.



**Do not put foreign objects such as liquid like water (drinking water, perspiration, seawater, urine of pet animals, etc.), metal pieces or burnable things into docomo mini UIM card slot.**

**Insert the docomo mini UIM card in the correct place and in correct direction.**

May cause fire, burns, injuries, or electric shock.



**When on board an airplane, turn the power of the terminal off.**

Follow the instructions of each airline, because there are different restrictions for using the terminal on an airplane.

Not doing so may cause electronic equipment of airplanes to fail or malfunction.

If you do a prohibited act such as using the terminal in an airplane, you will be punished according to law.



**If you wear an electronic medical device, check with the equipment manufacturer or sales outlet to determine how the device is affected by radio waves before using the terminal.**

Not doing so may cause harmful effect on the electronic medical device, etc.



**Turn the terminal OFF near high-precision electronic control equipment or electronic equipment using low-power signals.**

Not doing so may cause the equipment to fail or malfunction.

\* Examples of electronic equipment to avoid:

Hearing aids, implanted pacemakers or defibrillators, other electronic medical equipment, and other automatic control equipment. Users wearing implanted pacemakers or defibrillators, or other electronic medical equipment should check with the manufacturer or sales outlet about the effect of radio frequencies on the equipment.



**When the display is accidentally broken, be careful of broken glass or exposed internal parts of the terminal.**

If you mistakenly touch broken or exposed parts, you may be injured.

### CAUTION



**Do not swing the terminal by the strap, etc.**

May cause an accident such as injury to yourself or others, or damage to surrounding objects by hitting.



**If the display breaks and the fluid etc. leaks out from inside, do not let the fluid contact with the skin on your face or hands or clothes.**

May cause loss of sight or skin problems.

If the fluid etc. enters your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water.

If the fluid etc. enters your eyes or mouth, immediately see a doctor after flushing.



**Do not put excessive force when removing the rear cover.**

May cause injuries, etc. due to damage to the rear cover.



**Do not get your fingers caught when attaching the rear cover.**

May cause injuries, etc.



**Do not use the terminal with the rear cover removed.**

May cause burns, injuries, or electric shock.



**To use the terminal in car, check with the automobile manufacturer or dealer to determine how vehicle devices are affected by radio waves before using.**

In rare cases, using the terminal in some vehicle models can cause the vehicle's electronic equipment to malfunction. In that case, stop using the terminal immediately.



**The use of the terminal may cause itching, rashes, eczema, or other symptoms depending on the user's physical condition. If you develop skin problems, stop using the terminal immediately, and see a doctor.**

For materials of parts →P.12 "7.Material list"



**Make sure that there is no adhered metal pieces (cutter blade, staples, etc.) as some parts of the upper area on the display of the terminal generate magnetism.**

Not doing so may cause injuries, etc. due to adhered objects.



**When watching the display screen, keep a certain distance from the display in a fully bright place.**

Not doing so may reduce visual acuity.

### 3.Handling the battery pack

#### DANGER



**Do not let metal pieces (necklaces, hairpins, etc.) or conductive materials contact the terminals. And, do not carry or store the battery pack with those objects.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**If the battery pack cannot be installed in the terminal correctly, do not install forcibly.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**Do not put the terminal into a fire or apply heat.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**Do not apply excessive force like nailing the battery pack, hitting with a hammer or stepping on it.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**Make sure that the direction of the battery pack is correct when attaching the battery pack to the terminal.**

Not doing so may cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**If materials inside the battery pack enters your eyes, do not rub your eyes and immediately flush them with clean water and see a doctor right away.**

May cause loss of sight due to the influence of the fluid, etc. inside the battery pack.

#### WARNING



**If the battery pack seems to have abnormalities such as deformation or scratches due to falling, etc., never use it.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.



**If the battery pack leaks or gives off a strange smell, immediately stop using and remove it from the vicinity of open flames.**

Not doing so may cause leaking fluid to ignite or explode.



**Be careful not to let your pet bite the battery pack.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.

#### CAUTION



**If fluid etc. leaks out from the battery pack, do not let the fluid contact with the skin on your face or hands.**

May cause loss of sight or skin problems. If the fluid etc. enters your eyes or mouth, or contacts skin or clothes, immediately flush the contacted area with clean water. If the fluid etc. enters your eyes or mouth, immediately see a doctor after flushing.



**Do not discard old battery packs together with other garbage.**

May cause ignition resulting in fire, burns, or injuries. Also may cause environmental destruction.

Tape the terminals of old battery packs to insulate them, and then bring them to a sales outlet such as a docomo Shop. If your local municipality has a battery recycling program, dispose of them as provided for.



**Do not use or charge a wet battery pack.**

May cause battery pack to ignite, burst, heat, or leak, and may cause fire, burns, or injuries.

### 4.Handling the adapter , USB cable or charging cable

#### WARNING



**Do not use the adapter, USB cable, or charging cable if it is damaged.**

May cause fire, burns, or electric shock.



**Do not use the adapter, USB cable, or charging cable in a bathroom or other highly humid area.**

May cause fire, burns, or electric shock.



**If it starts to thunder, do not touch the adapter, USB cable, or charging cable.**

May cause electric shock, etc.



**Do not short the charging terminals while they are connected to an outlet or the terminal. Do not touch the charging terminals with a part of your body such as your hand or finger.**

May cause fire, burns, or electric shock.



**Do not place heavy objects on the adapter, USB cable, or charging cable.**

May cause fire, burns, or electric shock.



**When connecting/disconnecting the AC adapter, USB cable, or charging cable to/from an outlet or the terminal, do not contact a metal strap or other metal objects with it.**

May cause fire, burns, or electric shock.



**Do not use an electric transformer for overseas (travel converter) with the AC adapter.**

May cause ignition, heating, or electric shock.



**Do not apply force on the connected parts when the adapter, USB cable, or charging cable is connected to the terminal.**

May cause fire, burns, injuries, or electric shock.



No wet hands

**Do not touch the adapter cord, USB cable, charging cable, charging terminals, or power plug with wet hands.**

May cause fire, burns, or electric shock.



**Only use with the specified power source and voltage. When charging the terminal overseas, use an AC adapter for global use.**

If incorrect voltage is used, it may cause fire, burns or electric shock.

AC adapter : 100 V AC (Connect to an AC outlet for internal household use)

AC adapter for global use : Between 100 V AC and 240 V AC (Connect to an AC outlet for internal household use)



**Wipe off any dust that attached to the power plug or the terminal.**

Not doing so may cause fire, burns, or electric shock.



**When you connect the adapter or the terminal to an outlet, firmly connect it to the outlet.**

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



**When you disconnect the power plug, USB cable, or charging cable from an outlet or the terminal, do not pull the adapter cord with excessive force. Instead, hold the adapter or connector to disconnect.**

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



**When connecting/disconnecting the adapter, USB cable, or charging cable to/from the terminal, do not use force and connect/disconnect straight without bending.**

May cause fire, burns, injuries, or electric shock.



**Immediately stop using the terminal if the charging terminal is deformed. Do not use it by restoring the deformation.**

May cause fire, burns, injuries, or electric shock due to short circuit of the charging terminal.



Unplug

**Always remove the power plug of the adapter, USB cable, or charging cable from an outlet or the terminal when not using the adapter.**

Not doing so may cause fire, burns, injuries, or electric shock.



Unplug

**Immediately remove the power plug, USB cable, or charging cable from an outlet or the terminal if water (drinking water, perspiration, seawater, urine of pet animals, etc.) gets into the adapter.**

Not doing so may cause fire, burns, or electric shock.



Unplug

**Always remove the power plug, USB cable, or charging cable from an outlet or the terminal when cleaning the equipment.**

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

## CAUTION



Don't

**Do not touch the adapters for a long time while they are connected to an outlet.**

May cause burns.

## 5. Handling the docomo mini UIM card

## CAUTION



Do

**Be careful of the cut surface when handling the docomo mini UIM card as it may damage a part of your body such as fingers, etc.**

May cause injuries.

## 6. Handling mobile phones near electronic medical equipment

### WARNING



**Wearers of medical equipment such as implanted pacemakers or defibrillators must carry and use the terminal at least 15 cm away from the implanted device.**

The terminal's signals may affect the performance of electronic medical equipment.



**When electronic medical equipment other than implanted pacemakers or defibrillators are in use outside of medical facilities (such as in home care settings), check with the device manufacturer to determine how the device is affected by electrical signals.**

The terminal's signals may affect the performance of electronic medical equipment.



**Make sure that the terminal will not emit any signals (turn off power, etc.) if within 15 cm of those around you, such as where crowded and you cannot move freely.**

Wearers of implanted pacemakers or defibrillators may be nearby. The terminal's signals may affect the performance of electronic medical equipment.



**Obey rules inside medical facilities regarding use of the terminal in such facilities.**

Not doing so may affect the performance of electronic medical equipment.

## 7. Material list

	Part	Material/Surface treatment
Terminal	Front panel	Glass/film
	Exterior case (panel side)	PC/Coating
	Exterior case (lateral side)	PC/Coating
	Power key	PC+TPU/Coating
	Reset button	PC+ABS
	Exterior case (battery side)	PC+30%GF
	Back cover	PC/Coating
	Screws	Carbon steel/Black zinc plating
	Nameplate sticker	Polyester
	Metal at the bottom of battery slot	Aluminum alloy
	docomo mini UIM card slot (terminal)	LCP, copper phosphate/ Gold plating, Nickel plating, Tin plating
	docomo mini UIM card slot (slot cover)	Stainless steel
	Battery pack contacts	Titanium-copper alloy/ Nickel+Gold plating
	External connection jack	Copper alloy/Gold plating
AC adapter	Exterior case	PC+ABS/Coating
	Power plug	Brass+Electrolyte copper/Nickel plating
	USB terminal	Brass/Gold plating, Tin plating
USB cable	Plug	TPE
	Cable	TPE
	Type-C connector	SPCC-SD/Nickel plating
	Type-C connector (terminal)	Resin, Copper alloy/Gold plating
	USB connector	Brass/Nickel plating
	USB connector (terminal)	Resin+LCP, Brass/Gold plating
Charging cable	Plug	TPE
	Cable	TPE
	Type-C connector	SPCC-SD/Nickel plating
	Type-C connector (terminal)	Resin, Copper alloy/Gold plating
	USB connector	Stainless steel/Nickel plating
	USB connector (terminal)	PBT, Copper phosphate/Gold plating
Battery pack	Unit	PC+ABS
	Label	PET
	Contacts	Copper/Gold plating, Nickel plating
	Water exposure sticker	Water-soluble paper, coating/ OPP film



# Handling precautions

## General

- **Do not get the terminal wet with water (drinking water, perspiration, seawater, urine of pet animals, etc.).**

The terminal, battery pack, adapter, USB cable, charging cable and docomo mini UIM card are not waterproof. Do not use in a bathroom or other highly humid area and do not let rain get on them. Also, by putting the terminal on your body, humidity from sweat may cause internal corrosion and malfunction.

Note that malfunctions, which are determined to be caused by water as result of inspection, are not covered by the warranty. Since these conditions are outside the scope of the warranty, a repair, if at all possible, will be at cost.

- **Clean the terminal with a dry soft cloth (such as a cloth for eyeglasses).**

- Rubbing it roughly with a dry cloth may scratch the display.
- Water or dirt left on the display may cause stains.
- If the terminal is wiped with alcohol, paint thinner, benzine or detergent, the printing may disappear or color may fade.

- **Clean the jack occasionally with a dry cotton swab etc.**

If the jack is soiled, connection will worsen and it may cause power to go off or insufficient battery charging, so clean the jack with a dry cotton swab etc. Also, be careful never to damage the jack when cleaning it.

- **Do not place the terminal near an air-conditioner vent.**

A rapid change in temperature may cause condensation, causing internal corrosion and malfunction.

- **When using, be careful not to subject the terminal or the battery to excessive force.**

If the terminal is crammed into a fully packed bag or placed in a pocket and sat on, the display, internal PCBs or battery pack may be damaged or malfunction. And, if external devices are plugged into the external connection jack, breakage of the connector or malfunction may result.

- **Do not rub or scrape the display with anything metal, etc.**

May scratch the display, causing malfunction or damage.

- **Carefully read the separate instructions that come with each supporting optional device.**

## Terminal

- **Do not push forcefully on the touch panel or operate it with fingernails, a ballpoint pen, pin, or other pointed object.**

May damage the touch panel.

- **Avoid extreme temperature.**

Use the terminal where the temperature ranges between 0 and 35°C and humidity ranges between 5 and 95%.

- **The terminal may affect land-line phones, TVs or radios in use nearby, so use it as far away as possible from these appliances.**

- **Maintain a separate record of the data you saved in the terminal.**

Even if data is deleted, DOCOMO assumes no responsibility for the loss of any data.

- **Do not drop the terminal or subject it to shock.**

May cause malfunction or damage.

- **Do not plug external devices into the external connection jack at a slant, and do not pull them forcibly while they are plugged in.**

May cause malfunction or damage.

- **It is normal for the terminal to become warm during use or charging. Continue to use it.**

- **Do not use the terminal with the back cover removed.**

May cause removal of battery pack, malfunction or damage.

- **Do not bring magnetic cards etc. close to the terminal.**

Magnetic data in cash cards, credit cards, telephone cards, floppy disks, etc. may be erased.

- **Do not bring magnetized objects close to the terminal.**

Bringing objects generating strong magnetism close may cause a malfunction.

## Battery pack

- **The battery pack is a consumable item.**

Replace the battery pack if the terminal has extremely short operation time on a full charge, which varies by operating conditions. Purchase a new battery pack of the specified type.

- **Charge the battery in an area within the proper ambient temperature range (0-35°C).**

- **The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.**

- **The battery pack may bulge as it comes near the end of its lifetime depending on the usage conditions, but it is not a problem.**

If a malfunction of the terminal is found to be due to the swell of the battery pack, it is not covered by the warranty and may not be repaired. If repair is possible, it is charged since this case is not covered by the warranty.

- **Be careful especially about the following points when storing the battery pack.**

- Storing in a state of full charge (right after charging ends)
- Storing in a state of empty charge (too exhausted for the terminal to turn on)

They may cause the battery pack performance to be degraded or its lifetime to be shortened. A recommended remaining battery level for storing is approximately 40%.

- **Check that the battery type matches the type displayed on the battery pack label.**

Display	Battery type
Li-ion 00	Li-ion battery

## Adapter, USB cable, and charging cable

- **Charge the battery in an area within the proper ambient temperature range (0-35°C).**

- **Do not charge the battery in the areas below.**

- In areas of excessive humidity, dust or vibrations
- Near land-line phones or TVs/radios

- **It is normal for the adapter, USB cable, or charging cable to become hot while charging. Continue to use it.**

- **When using an outlet with a mechanism preventing unplugging, follow the handling instructions for that outlet.**

- **Do not subject to strong shock. Do not deform the charging terminals.**

May cause malfunction.

## docomo mini UIM card

- **Do not use excessive force to install/remove the docomo mini UIM card.**

- **Note that DOCOMO assumes no responsibility for malfunctions occurring as the result of inserting and using the docomo mini UIM card with another IC card reader/writer.**

- **Always keep the IC portion clean.**

- **Clean the docomo mini UIM card with a soft, dry cloth (such as a cloth for eyeglasses).**

- **Maintain a separate record of the data you saved in the docomo mini UIM card.**

Even if data is deleted, DOCOMO assumes no responsibility for the loss of any data.

- **To conserve the environment, bring an old docomo mini UIM card to a sales outlet such as a docomo Shop.**

- **Take care not to scratch, accidentally touch or short the IC.**

May cause data loss or malfunction.

- **Do not drop the docomo mini UIM card or subject it to shock.**

May cause malfunction.

- **Do not bend the docomo mini UIM card or place heavy objects on it.**

May cause malfunction.

- **Do not install the docomo mini UIM card in the terminal with a label or sticker on it.**

May cause malfunction.

## Using the Bluetooth® function

- **Though this terminal supports the security function complying with the Bluetooth standard for communication using the Bluetooth function, the security may not be sufficient depending on setting contents. Be careful when communicating with the Bluetooth function.**

- **Note that we shall not be held responsible for any data and information leakage when communicating with the Bluetooth function.**

## ● Frequency band

The frequency band used by the Bluetooth function/ WLAN function of this terminal is indicated on a label in the battery pack recess of the terminal. The following figure explains the indications on the label.



- 2.4 : This radio equipment uses the 2400 MHz band.
- FH8/XX8 : Modulation scheme is the FH-SS system, and the estimated interference distance is 80 m or less.
- DS4/OF4 : Modulation scheme is the DS-SS, OFDM system, and the estimated interference distance is 40 m or less.
- ■ ■ : The full band between 2400 MHz and 2483.5 MHz is used and the band of a mobile identification terminal can be avoided.

Available channels vary depending on the country. For use of WLAN in a foreign country, the country may have limitations on such as frequencies and locations where you can use it. Before using WLAN in a foreign country, confirm the available frequencies, laws, regulations, and other conditions for use of WLAN of the country. For use in an aircraft, contact the airline beforehand.

## ● Cautions on using Bluetooth devices

In the frequency band for the terminal, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low-power radio stations (a license is not required), or amateur radio stations (hereinafter, referred to as "other radio stations") can be in operation.

1. Before using this terminal, confirm that "other radio stations" are not in operation in your vicinity.
2. If radio wave interference is generated between this terminal and "other radio stations", change your location promptly or avoid radio wave interference by "turning the power off".
3. For any questions, contact "General inquiries" on the rear cover of this manual.

## Wireless LAN (WLAN)

- **Wireless LAN (WLAN) exchanges information using radio waves, and allows you to freely establish a LAN connection if you are within an area where radio waves reach. On the other hand, if you communicate without appropriate security settings, communication may be intercepted or hacked by malicious parties. It is recommended to make necessary security settings by your own judgment and responsibility.**

### ● Wireless LAN

Do not use wireless LAN in a place where magnetism is generated by electric products, AV, OA equipment, etc. or where electromagnetic waves are generated.

- If magnetism or electrostatic noise affects the terminal, noise may be increased or communication may not be available (especially when using a microwave oven, it may affect the terminal).
- When used near a TV or radio, it may cause poor reception or the TV screen may be blurred.
- When multiple wireless LAN access points exist near the terminal and they use the same channel, search may not be performed correctly.

### ● Cautions on using 2.4 GHz devices

In the frequency band for WLAN devices, in addition to home electric appliances such as a microwave oven and industrial/scientific/medical devices, in-plant radio stations for identification of mobile objects used in production lines of a factory (a license is required), specified low-power radio stations (a license is not required), or amateur radio stations (a license is required) can be in operation.

1. Before using this device, confirm that in-plant radio stations for identification of mobile objects, specified low-power radio stations or amateur radio stations are not in operation in your vicinity.
2. If this device generates radio wave interference harmful to in-plant radio stations for identification of mobile objects, change the frequency being used promptly or stop using the wireless LAN function, and contact "General Inquiries" on the rear cover of this manual, then inquire about measures for prevention of the interference (for example, installation of partitions etc.).
3. If this device generates radio wave interference harmful to in-plant radio stations for identification of mobile objects or amateur radio stations, or if there is any other trouble, contact "General Inquiries" on the rear cover of this manual.

### ● Cautions on using 5 GHz devices

- Confirm that your Wi-Fi devices can use the Wi-Fi 5 GHz band. This terminal cannot use both the Wi-Fi 5 GHz band and 2.4 GHz band at the same time. If any of your Wi-Fi devices cannot use the 5 GHz band, first set the terminal to the 2.4 GHz band.
- According to the Radio Law, channel W56 on the Wi-Fi 5 GHz band can be used outdoors, however, channels W52/W53 are prohibited from use. Use your terminal indoors if  is displayed.
- When using channel W53/W56 on the Wi-Fi 5 GHz band, the terminal automatically changes channels to avoid interference with weather radar or other facilities. In this instance, Wi-Fi is temporarily disconnected (DFS function).

## CAUTION

### ● Do not use a remodeled terminal. Using a remodeled terminal violates the Radio Law/ the Telecommunications Business Law.

The terminal is certified as conforming to such regulations as the technical standards for specified wireless equipment based on the Radio Law, and to such regulations as technical conformity based on the Telecommunications Business Law. Certification is indicated by the "Technical Compliance Mark " , located on the nameplate sticker of the terminal. If you remodel the terminal by removing its screws, your certification of technical standard conformance becomes invalid. Do not use the terminal with its certification of technical standard conformance invalid as it violates the Radio Law and Telecommunications Business Law.

### ● Do not alter the basic software.

Repairs may be refused if there is deemed modification of software.

### ● During data communication, hold the terminal at least 15 mm away from you.

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## Dustproof function

The terminal is dustproof to IP5X\* when the back cover is attached and secure.

\* IP5X means that the terminal continues to function as a terminal and maintains security after being left in a device containing dust (diameter of 75 µm or smaller) for 8 hours, agitated and removed.

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## Things to keep in mind

- Before use, ensure that you securely attach the back cover so that it is completely mounted. If any tiny dirt (fiber, hair, or sand) is between the cover and the terminal, dust could enter the inside of the terminal.
- Remove any dust from inside the external connection jack before use.
- Do not poke the external connection jack, strap hole, etc. with pointed objects.
- Do not drop the terminal. Scratches, etc. may lead to lowered dustproof performance.
- Operation is not guaranteed in all conditions for actual use. Warranty is void if malfunction is determined to be as a result of improper handling by the user.
- The accessories and optional products do not have the dustproof function.

To maintain the dustproof function, regardless of whether there is a malfunction, replacing the parts once in two years is recommended.

The service of replacing parts of the terminal is available on a chargeable basis. Bring the terminal to a repair counter specified by DOCOMO.

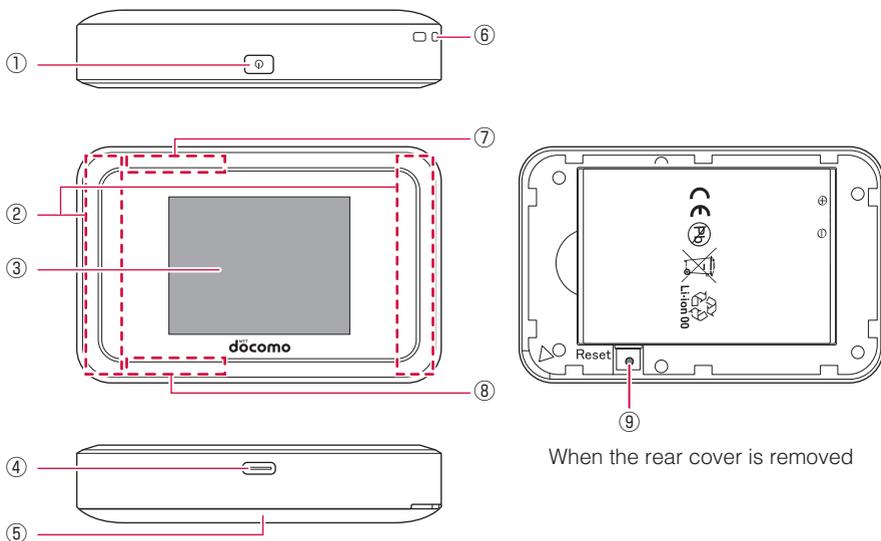


# Before using the terminal

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# Part names and functions



## ① Power key

- Turn power on or off. →P.30
- After turning power on, the Wi-Fi function turns on.

## ② LTE/FOMA antenna\*

## ③ Touch panel (display)

- View the status of the terminal and operate the terminal. →P.32

## ④ External connection jack (Type-C)

- Connect a USB cable, etc. to charge or connect to a computer. →P.28, P.29, P.160

## ⑤ Back cover

## ⑥ Strap hole

- Attach a strap or similar item here.

## ⑦ Wi-Fi antenna\*

## ⑧ Wi-Fi/Bluetooth antenna\*

## ⑨ Reset button

- With the terminal turned on, press for at least 5 seconds to return all terminal settings to their state at time of purchase.
- You can also use the docomo HW-01H Setting Tool to reset the terminal. See "Restore defaults" (→P.126).

\* The antennas are built-in to the terminal. Do not cover with your hands or it may influence the communication quality.

# docomo mini UIM card

The docomo mini UIM card is an IC card in which user information such as your phone number etc. is saved. When the docomo mini UIM card is not inserted in the terminal, data communication is not available. See the instructions included for your docomo mini UIM card for details on usage.

- You can use the terminal only with the docomo mini UIM card. If you have a UIM, nanoUIM, or FOMA card, bring it to a docomo Shop for replacement.

## Installing/Removing

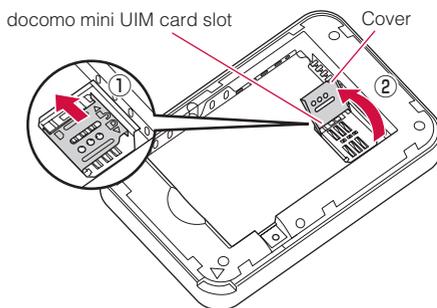
Turn the terminal OFF (→P.30), remove the back cover and the battery pack before installing/removing the docomo mini UIM card (→P.25).

- If the USB cable, etc. is connected to the terminal, remove it first.

### Installing

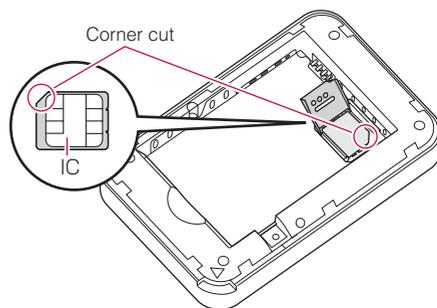
- 1 Move the cover for the docomo mini UIM card slot in direction ① until it clicks unlocked, then raise in direction ②**

- Be careful not to injure your fingers when moving or raising the cover.

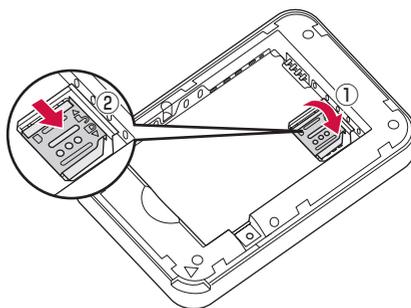


- 2 Install the docomo mini UIM card in the card slot with the IC side down**

- Note the location of the notch.
- Check that the docomo mini UIM card is installed correctly.



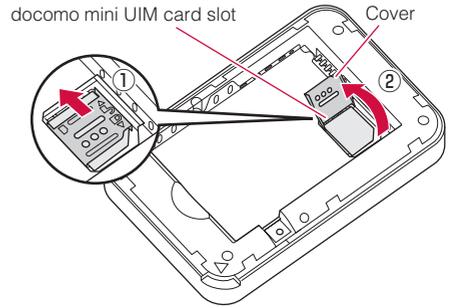
- 3 Press the cover lightly toward ①, and then move toward ② until it clicks locked**



**Before using the terminal**

## ■ Removing

- 1 Move the cover for the docomo mini UIM card slot in direction ① until it clicks unlocked, then raise in direction ②



- 2 Remove the docomo mini UIM card

### Information

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- Be careful not to lose the docomo mini UIM card after it is removed.
  - When handling the docomo mini UIM card, take care not to touch or scratch the IC.
  - Note that installing/removing the docomo mini UIM card forcibly may damage the docomo mini UIM card.
-

## Security codes

A PIN1 code is assigned to the docomo mini UIM card as a security code. The code is set to "0000" at time of subscription, but you can change the code yourself. The PIN1 code is a 4- to 8-digit code for recognizing the user, which is entered when the docomo mini UIM card is inserted or when the terminal is turned on, to prevent the docomo mini UIM card from being used by third parties without permission. By entering the PIN1 code, the terminal becomes operational.

- If you enter a wrong PIN1 code 3 times consecutively, the PIN1 code is locked and cannot be used anymore. In this case, unlock with PIN Unlock Key (PUK).
- If you purchased the terminal and install a docomo mini UIM card that you have used on another terminal, use the PIN code set on the former terminal. The PIN1 code is set to "0000" by default unless you change.

### ■ Precautions for PIN1 code

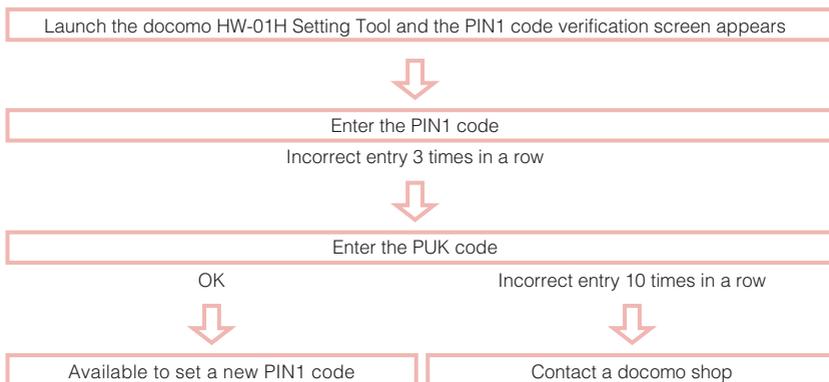
You can change the code freely by yourself. Change it to a unique code of your own to prevent use by third parties without permission.

- To set a PIN1 code, avoid guessable numbers such as birth date, a part of a phone number, street address or room number, "1111" or "1234". Maintain a separate record not to forget the numbers.
- Be careful never to reveal your PIN1 code to others. If a security code is misused by others, DOCOMO assumes no responsibility for damages resulted from it.
- If you forget your PIN1 code, you need to bring documentation (a driver's license etc.) to verify your identity, the terminal and the docomo mini UIM card to a docomo Shop. For details, contact "General Inquiries" on the rear cover of this manual.
- The PUK code is given on your subscription form (copy for user) handed to you at time of subscription at a docomo Shop. For users who subscribed at other than a docomo Shop, bring documentation (a driver's license etc.) to verify your identity and the docomo mini UIM card to a docomo Shop, or contact "General Inquiries" on the rear cover of this manual.

### ■ PIN Unlock Key (PUK) code

The PUK code is an 8-digit number for canceling the locked PIN code. The PUK code cannot be changed by yourself.

- If you enter a wrong PUK code 10 times consecutively, the docomo mini UIM card is locked. Inquire at a docomo Shop Service Counter.

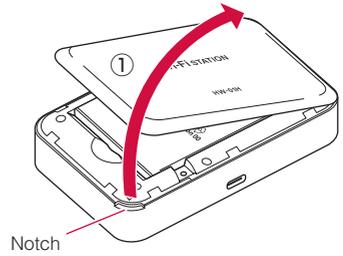




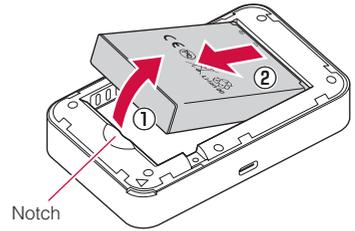
## ■ Removing

**1** Hook your finger in the slot in the terminal, and move the back cover up toward ① to remove

- Be careful not to injure your fingers.



**2** Use the notch in the terminal to raise the battery pack in direction ①, then remove in direction ②



# Charging

Use a dedicated battery pack HW08.

The battery pack is not fully charged at time of purchase. Be sure to fully charge before use.

## Charging

- Do not force the connector when inserting/pulling it out. Instead, insert or pull it out slowly.
- Do not remove the battery pack during charging.
- The battery pack cannot be charged alone. Always charge with the battery pack inserted in the terminal.
- The battery pack discharges even when not used. Use the terminal after charging if left unused for an extended period.

## Estimated charge/usage time of battery pack

- Time required until charging is completed differs with the surrounding temperature, period of time the battery pack has been used, etc.
- Continuous stand-by time and continuous communication time differ with the operating environment and the signal condition.
- See "Main specifications" for charging time and operation time of the new battery pack.  
→P. 187

## Battery pack life

- The battery pack is a consumable part. Each time it is charged, available time with each charging reduces.
- If available time with each charging becomes about a half of that for a new battery, replacing the battery is recommended because it means near the end of life. The battery pack may swell out as it comes to near the end of its lifetime depending on the usage conditions, but it is not a problem.
- The usable time between charges for the battery pack becomes gradually shorter with repeated charging/discharging. If the usable time is short even after charging correctly, replace with a designated new battery pack.



Li-ion00

## ■ AC adapter

- See the instructions for details on your AC adapter.
- AC adapter HW06 is compatible with 100 V to 240 V AC voltages.
- The plug shape of the AC adapters is for 100 V AC use (Japanese specification). A plug adapter that conforms to the country of travel is required to use an AC adapter that is compatible with 100 V to 240 V AC voltages. Do not charge using transformers for overseas travel.

## ■ Checking the battery remaining

- You can check the level of the battery pack at the top of the touch panel. →P. 33

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### Information

- When connected to the AC adapter and PC while the power is off, the charging animation is displayed on the touch panel. After charging is complete, the charging animation changes to the battery icon indicating charging completion. When the touch panel is off, press  to check the display.
-

## Charging with the AC adapter

Charge using the bundled AC adapter HW06 and USB cable HW05.

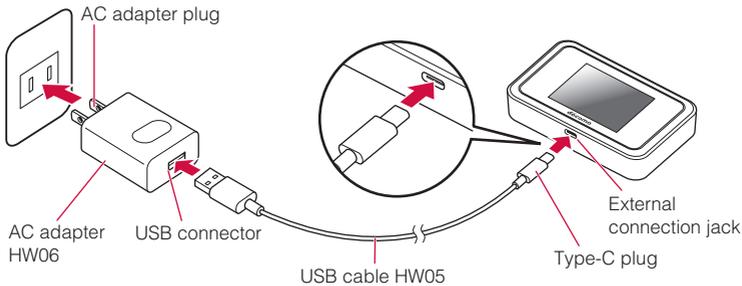
### 1 Insert the Type-C plug of the USB cable straight into the external connection jack on the terminal

- Do not forcibly insert it to the innermost part.

### 2 Insert the USB plug of the USB cable straight into the USB connector of the AC adapter

- Be sure of the orientation of the USB plug and insert straight.

### 3 Insert the power plug of the AC adapter into an outlet



### 4 When charging is complete, unplug the AC adapter from the outlet

### 5 Pull the USB cable straight out from the terminal and AC adapter

## Charging connected to a computer

You can charge the terminal by computer by connecting to a computer using the bundled USB cable HW05.

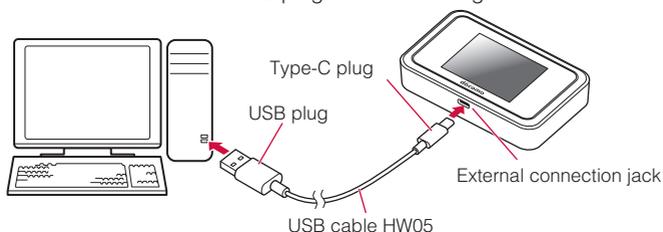
- The first time you connect the terminal to a computer, an installer for the device driver launches automatically. Charging is possible even without installing the device driver. →P.76, P.85
- USB tethering is enabled by default on the terminal, and the terminal will automatically connect to the Internet once connected to a computer. Note that packet communication (fee chargeable) will occur.

### **1** Insert the Type-C plug of the USB cable straight into the external connection jack on the terminal

- Do not forcibly insert it to the innermost part.

### **2** Insert the USB plug of the USB cable into the USB port on the computer

- Be sure of the orientation of the USB plug and insert straight.

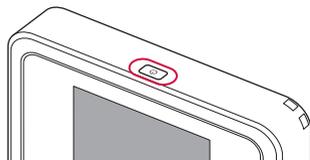


## Turning power ON/OFF

### Turning power ON

#### 1 Press for about 2 seconds

The Wi-Fi function is enabled automatically, and the lock screen appears.



#### Information

- If PIN1 operation authentication is enabled for the docomo mini UIM card, you are required to enter the PIN1 code when you turn the terminal on.
- The lock screen goes off if the terminal is not operated for about 15 seconds. Press  to turn the touch panel on.
- Once connection settings are made, turning on the Wi-Fi function on the terminal and a Wi-Fi device automatically restarts the connection.

### Turning power OFF

#### 1 Press for about 2 seconds

#### 2 Tap “Power off”

- Tap “Restart” to restart the terminal.

#### Information

- Wi-Fi devices are automatically disconnected when power is turned off.

# Unlocking the screen

## 1 Flick the lock screen

The screen is unlocked and the home screen is displayed.



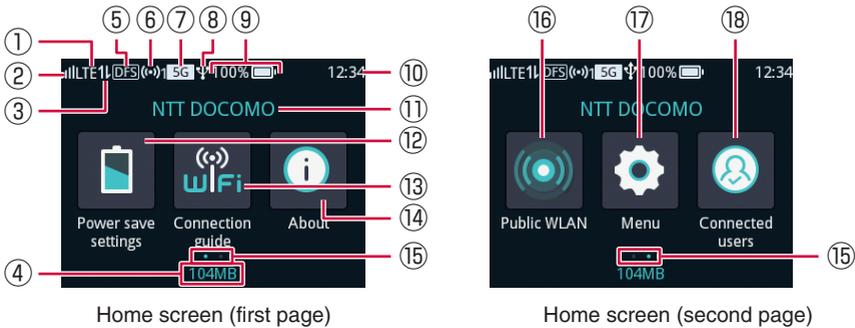
### ■ When the passcode is set

Flick the lock screen and enter the passcode in the passcode input screen.



## Home screen

Click to the left/right to switch pages.



### ① Connected network type

The type of network connected to (LTE/3G/GSM/public wireless LAN) is displayed.

During roaming, an "R" appears at the upper left of the signal level as shown:

The following icons are displayed for a public wireless LAN connection.

- ⇔ : Reception level "good" ⇔ "weak"

### ② Reception level icon

- ⇔ : Reception level "good" ⇔ "weak"
- : Out of service area/no docomo mini UIM card/invalid docomo mini UIM card

### ③ Internet connection icon

This icon denotes that the terminal is connected to the internet and the data communication is available.

When the terminal cannot be connected to the internet. →P. 175

- : Connected (Sending)
- : Connected (Receiving)
- : Connected (Sending/Receiving)
- : Connected, without transmission
- : Displayed when limiting the communication speed, when the terminal becomes hot and it needs to be cooled. →P.180
- : Displayed when the Internet connection is disconnected, when the terminal becomes hot and it needs to be cooled. →P.180

### ④ Data transfer amount

The amount of data used for communication is displayed. Also, the maximum data usage can be displayed. →P.105, P.152

### ⑤ Indoor use icon/DFS check icon

- : May be displayed when connected by the Wi-Fi 5 GHz band.  
If lit, use the terminal indoors.
- Lit: Connected at Wi-Fi 5 GHz on channel W52 or W53
- Unlit: Connected at Wi-Fi 5 GHz on channel W56 or at Wi-Fi 2.4 GHz

During DFS check, blinks. →P.5

⑥ **Wi-Fi function icon/connected devices**

- : Displayed when Wi-Fi is on.

The number at right is the number of devices connected to the terminal.

⑦ **Frequency band icon**

The frequency band in use is displayed.

- “2.4G”: Using Wi-Fi 2.4 GHz band
- “5G”: Using Wi-Fi 5 GHz band

⑧ **USB connected icon**

Displayed when connected via a USB cable to a computer.

⑨ **Battery level**

Battery level is displayed with numbers and icon.

-  ↔ : Battery left “charged” ↔ “low”
- : Battery is running low and needs to be charged. →P.26
-  ⇒  ⇒  ⇒  ⇒ : Charging
- : The charging cable is connected.
- : Displayed when charging is stopped to lower the temperature of the terminal because the terminal has a high temperature.

⑩ **Time**

The time is displayed.

⑪ **Connected network name**

The name of the connected network is displayed.

⑫ **Power save settings**

Tap to set the auto off (network sleep) of the Wi-Fi function, the screen brightness, etc. →P.137

⑬ **Connection guide**

Follow the instructions on the screen to connect the terminal with a Wi-Fi device.

⑭ **Device info**

Displays information for the terminal. →P.140

⑮ **Indicator**

Displays the number of pages in the home screen and the currently-displayed location.

⑯ **Public wireless LAN on/off**

Tap to switch the public wireless LAN on or off.

- : ON
- : OFF

⑰ **Menu**

Tap to change terminal settings. →P.135

⑱ **Connected users**

You can check the users connected via Wi-Fi and make the block settings. →P.146

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**Information**

- If the terminal is not operated for about 60 seconds while the screen is unlocked, the touch panel goes off and the terminal enters power save mode. To turn the touch panel on, press .

You can set the screen off time. →P.146

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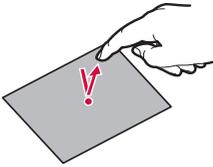
# Using the touch panel

The terminal uses a touch panel which can be operated directly. You can operate the touch panel in different ways by using different gestures.

## Before using the touch panel

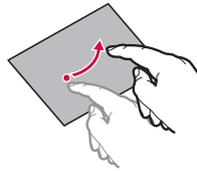
- The touch panel is designed to be operated gently. Avoid pressing forcefully or pressing it with pointed objects (fingernails, ballpoint pen, pin, etc.).
- The touch panel may not respond in the following instances, or may misoperate.
  - Operating with gloves
  - Operating by fingernails
  - Operating with an object placed on the touch panel
  - Operating through a protective sheet or sticker

### ■ Tap



Tap an item or icon lightly.

### ■ Flick



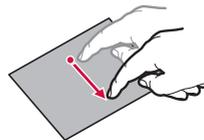
Flick the touch panel quickly.

### ■ Slide (swipe)



With finger in contact with the touch panel, slide in the desired direction.

### ■ Drag

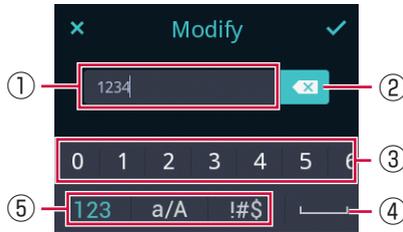


With finger in contact with an icon, etc., slide to the desired location.



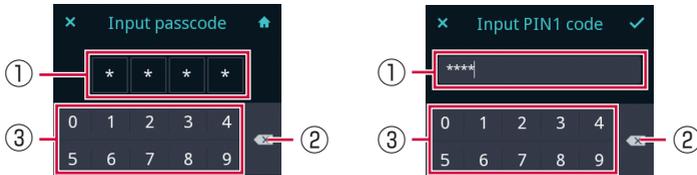
# Entering alphabet, numbers, and symbols

## Alphanumeric/symbol keyboard



- ① Entry box. Characters are entered at the cursor. Tap or drag to move cursor. For passwords, etc., “\*” may be displayed for entered characters.
- ② Delete the character to the left of the cursor.
- ③ Keyboard for entering characters. Drag left/right for hidden characters.
- ④ Enter a space.
- ⑤ Switch character type.
  - 123 : Numbers
  - a/A : Alphabet (Tap to toggle upper/lower case)
  - !#\$ : Symbols

## Number keyboard



- ① Entry box. Tapped characters are entered starting from the left, or where the cursor is. For passwords, etc., “\*” may be displayed for entered characters.
- ② Delete characters starting from the right, or from the left of the cursor.
- ③ Keyboard for entering characters.



# Setting Up

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# Setting up

To connect the terminal and a communicating device, you can use either the Wi-Fi function or the USB cable as a method. Read a description for each method to complete setup.

After setting up, turn on the terminal and the Wi-Fi function on a Wi-Fi device to automatically reconnect.

## ■ Sending/receiving data by Wi-Fi connection

You can connect up to 10 Wi-Fi devices (for public wireless LAN, up to 9 devices/when using multiple SSID, up to 9 devices in total: 5 devices for the SSID1 and 4 devices for the SSID2) to the terminal at the same time.

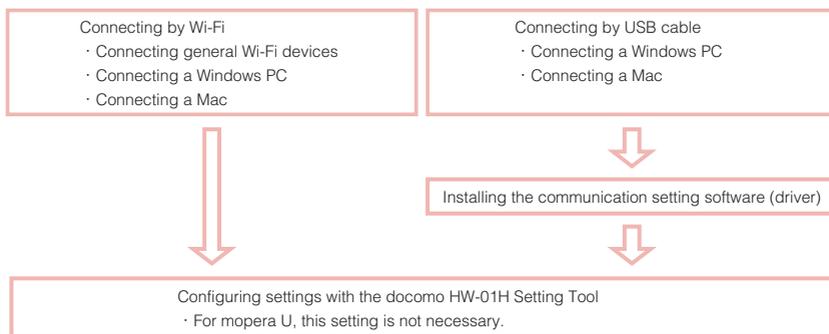
To change networks, security settings, etc., use the docomo HW-01H Setting Tool. →P.90

## ■ Sending/receiving data by USB cable connection

You can connect the terminal and a computer via the USB cable to send/receive data. You must first install a driver to allow the computer to recognize the terminal. →P.76, P.85

While connected via USB cable, you can connect up to 10 Wi-Fi devices (for public wireless LAN, up to 9 devices/when using multiple SSID, up to 9 devices in total: 5 devices for the SSID1 and 4 devices for the SSID2) to the terminal at the same time.

# Flow of setup



## Information required for setup

The following information is required to connect a Wi-Fi device to the terminal. Default setting values for the terminal are located on the wireless LAN initialization sticker (bundled) and on the nameplate sticker. Refer to them as necessary. You can also display information on the terminal. →P.140

- SSID
  - This is the name of the terminal on the network.
  - SSID:HW01H-XXXXXX (last 6 digits of MAC address)
- Password (security key)
  - This appears as "Password" on the terminal's touch panel.
  - "Password" may be referred to "Wi-Fi password" and "Security key" for some Wi-Fi devices.
- Keep the wireless LAN initialization sticker (bundled) stored safely.
- To ensure security, it is recommended that you change the SSID and password from their default values at the times of purchase.

## Confirming supported devices

Devices that the terminal supports are described. See the NTT DOCOMO website for updated information on supported devices.

### Information

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- Update your computer before use.
  - Operation via a USB hub (including USB ports on a monitor or keyboard) is not guaranteed.
  - The software may not work depending on your operating system environment and type of device. DOCOMO is not liable for any inquiries or guarantee of operation other than the supporting operation environment described in this manual.
- 

## Devices that can be connected by Wi-Fi

You can connect with Wi-Fi devices that are compliant with the wireless LAN specifications, IEEE802.11a/n/ac (5 GHz band) or IEEE802.11b/g/n (2.4 GHz band).

### Information

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- The terminal automatically selects the wireless LAN specifications, IEEE802.11a/n/ac (5 GHz band) or IEEE802.11b/g/n (2.4 GHz band) according to a Wi-Fi device.
  - For information on functioning of devices or how to operate them, make inquiry to the device manufacturer.
-

## ■ Devices that can be tethered by USB

The terminal supports the following OSs.

- Windows 10 (32 bit/64 bit)
- Windows 8.1\* (32 bit/64 bit)
- Windows 7 SP1 (32 bit/64 bit)
- OS X 10.11.4 (64 bit)
- OS X 10.10.5 (64 bit)
- OS X 10.9.5 (64 bit)

\* Not supported for Windows RT.

### Information

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- The terminal is recharged during USB tethering.
- 

## ■ Devices from which terminal settings can be changed

The terminal supports the following OSs\*<sup>1</sup>.

- Windows 10 (32 bit/64 bit)
- Windows 8.1\*<sup>2</sup> (32 bit/64 bit)
- Windows 7 SP1 (32 bit/64 bit)
- OS X 10.11.4 (64 bit)
- OS X 10.10.5 (64 bit)
- OS X 10.9.5 (64 bit)
- Android\*<sup>3</sup>
- iOS\*<sup>3</sup>

\*<sup>1</sup> Supported OSs are Japanese versions. DOCOMO does not guarantee the operation under the environment in which the OS is upgraded, added or modified.

\*<sup>2</sup> Not supported for Windows RT.

\*<sup>3</sup> Backup and restore are not supported.

## Connecting general Wi-Fi devices

This section describes examples of general Wi-Fi devices such as game devices and mobile terminals.

### ■ Connecting with the WPS function (automatic connection)

Wi-Fi devices supporting the push button method of the WPS function allow ESSID, security method, etc. required for connection to be quickly configured. See the instructions for each Wi-Fi device to find if the device supports the push button method of the WPS function.

- To use the WPS function, you must set the type of security (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

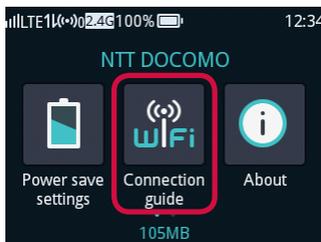
#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 Display the connection settings screen on the Wi-Fi device, and perform required WPS connection operation

- Operation varies with each Wi-Fi device. See the instructions for each Wi-Fi device.

#### 3 In the terminal's home screen, tap “Connection guide” → “Next step” → “WPS”



#### 4 Tap the “WPS” button



#### 5 Press the WPS button of your Wi-Fi device

- Operation varies with each Wi-Fi device. See the instructions for each Wi-Fi device.
- It may require about 2 minutes for setup to be completed.

When “Succeeded” appears on the touch panel of the terminal, the setup is complete.

## Information

- For Wi-Fi devices supporting the PIN code input method of the WPS function, WPS PIN code can be used also to connect. For the instructions of a Wi-Fi device, see the instructions for each Wi-Fi device. Use the docomo HW-01H Setting Tool for setting up the terminal. →P.111
- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

## ■ Connecting by searching access points (manual connection)

When your Wi-Fi device does not support WPS or WPS connection is not possible, the device can be manually connected.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal's home screen, tap “Connection guide”



### 3 Tap “Next step” → “Manual connection”

“SSID” and “Password” (Security key) of the terminal is displayed.



### 4 Display the connection settings screen on the Wi-Fi device

- Operation varies with each Wi-Fi device. See the instructions for each Wi-Fi device.

## 5 Search access points

- By enabling the Wi-Fi function on a Wi-Fi device, or selecting menu options such as “アクセスポイントに接続 (Connect to access point)” or “検索する (Search)”, a list of nearby access points is displayed.
- Operation varies with each Wi-Fi device. See the instructions for each Wi-Fi device.

## 6 Select the terminal's displayed “SSID” in the list of access points

## 7 Enter the password (security key) and save the settings

- A screen for selecting the encryption mode may be displayed depending on the Wi-Fi device. Select the type of security (encryption mode) that is set on the terminal. →P.108

## Connecting to Windows PC

This section describes examples for Windows 10, Windows 8.1, and Windows 7. See the instructions for your Windows version for details.

### Windows 10

An example with mouse operation is given. For operations on touch panel, see the instructions for your PC.

#### Connecting with the WPS function (automatic connection)

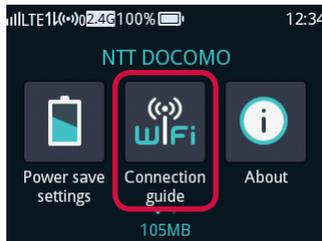
The WPS function allows ESSID, security method, etc. required for connection to be quickly configured.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 In the terminal's home screen, tap “Connection guide” → “Next step” → “WPS”



#### 3 Tap the “WPS” button of the terminal

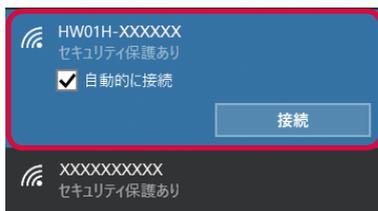


#### 4 Turn on the Wi-Fi function of the PC

#### 5 Click in the task tray

#### 6 Select the terminal's “SSID”, mark the “自動的に接続する (Connect automatically)” checkbox and click “接続 (Connect)”

- The “SSID” is printed on the wireless LAN initialization sticker (bundled).



- A message regarding PC sharing may be displayed. Refer to the Help for Windows regarding PC sharing.
- It may require about 2 minutes for setup to be completed.

When “Succeeded” appears on the touch panel of the terminal, the setup is complete.

### Information

- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

## ■ Connecting by searching access points (manual connection)

Connect manually when WPS connection is not possible.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal’s home screen, tap “Connection guide”



### 3 Tap “Next step” → “Manual connection”

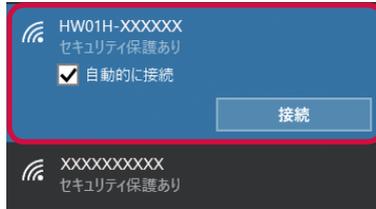
“SSID” and “Password” (Security key) of the terminal is displayed.



### 4 Turn on the Wi-Fi function of the PC

5 Click  (Available) in the task tray

6 Select the terminal's "SSID", mark the "自動的に接続する (Connect automatically)" checkbox and click "接続 (Connect)"



7 Enter the password (security key) and click "次へ (Next)"

- A message regarding PC sharing may be displayed. Refer to the Help for Windows regarding PC sharing.



## ■ Windows 8.1

An example with mouse operation is given. For operations on touch panel, see the instructions for your PC.

### ■ Connecting with the WPS function (automatic connection)

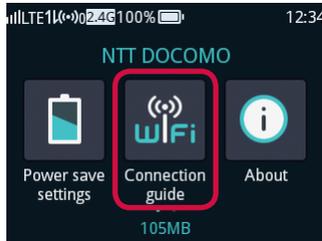
The WPS function allows ESSID, security method, etc. required for connection to be quickly configured.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

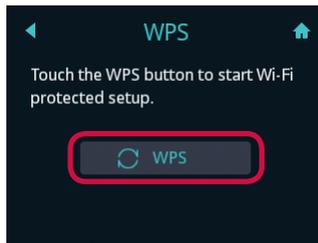
#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 In the terminal's home screen, tap “Connection guide” → “Next step” → “WPS”



#### 3 Tap the “WPS” button of the terminal



#### 4 Turn on the Wi-Fi function of the PC

#### 5 Point with the mouse at the upper right of the desktop screen, and click (Settings) in the Charms bar

#### 6 Click (Available)

#### 7 Select the terminal's “SSID”, mark the “自動的に接続する (Connect automatically)” checkbox and click “接続 (Connect)”

- The “SSID” appears on the wireless LAN initialization sticker (bundled).



- A message regarding PC sharing may be displayed. Refer to the Help for Windows regarding PC sharing.
- It may require about 2 minutes for setup to be completed.

When “Succeeded” appears on the touch panel of the terminal, the setup is complete.

### Information

- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

### ■ Connecting by searching access points (manual connection)

Connect manually when WPS connection is not possible.

#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

**2** In the terminal's home screen, tap "Connection guide"



**3** Tap "Next step" → "Manual connection"

"SSID" and "Password" (Security key) of the terminal is displayed.



**4** Turn on the Wi-Fi function of the PC

**5** Point with the mouse at the upper right of the desktop screen, and click ⚙️ (Settings) in the Charms bar

**6** Click 📶 (Available)

- 7 Select the terminal's "SSID", mark the "自動的に接続する (Connect automatically)" checkbox and click "接続 (Connect)"



- 8 Enter the password (security key) and click "次へ (Next)"

- A message regarding PC sharing may be displayed. Refer to the Help for Windows regarding PC sharing.



## Windows 7

### Connecting with the WPS function (automatic connection)

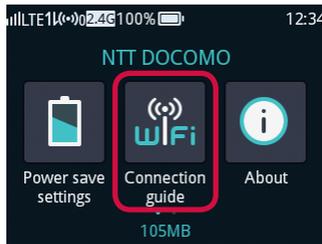
The WPS function allows ESSID, security method, etc. required for connection to be quickly configured.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 In the terminal's home screen, tap “Connection guide” → “Next step” → “WPS”



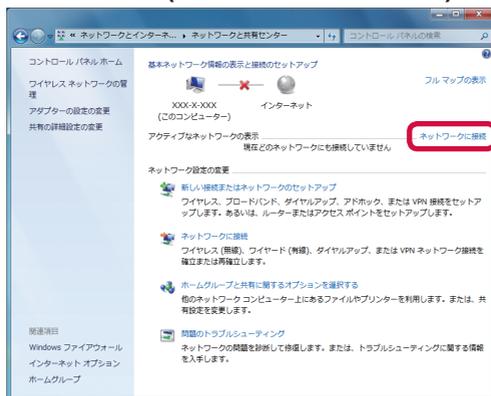
#### 3 Tap the “WPS” button of the terminal



#### 4 Turn on the Wi-Fi function of the PC

#### 5 In the “スタート (Start)” menu, click “コントロールパネル (Control panel)”, then “ネットワークとインターネット (Network and Internet)” → “ネットワークと共有センター (Network and sharing center)”

## 6 Click “ネットワークに接続 (Connect to a network)”



## 7 Select the terminal’s “SSID”, mark the “自動的に接続する (Connect automatically)” checkbox and click “接続 (Connect)”

- The “SSID” appears on the wireless LAN initialization sticker (bundled).



- It may require about 2 minutes for setup to be completed.  
When “Succeeded” appears on the touch panel of the terminal, the setup is complete.

### Information

- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

## ■ Connecting by searching access points (manual connection)

Connect manually when WPS connection is not possible.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal's home screen, tap “接続ガイド (Connection guide)”



### 3 Tap “Next step” → “Manual connection”

“SSID” and “Password” (Security key) of the terminal is displayed.



### 4 Turn on the Wi-Fi function of the PC

### 5 In the “スタート (Start)” menu, click “コントロールパネル (Control panel)”, then “ネットワークとインターネット (Network and Internet)” → “ネットワークと共有センター (Network and sharing center)”

## 6 Click “ネットワークに接続 (Connect to a network)”



## 7 Select the terminal's “SSID”, mark the “自動的に接続する (Connect automatically)” checkbox and click “接続 (Connect)”



## 8 Enter the password (security key) and click “OK”



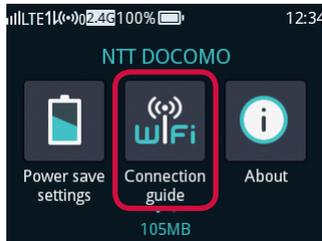
## Connecting to Mac

This section describes an example for OS X 10.11.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal's home screen, tap “Connection guide”



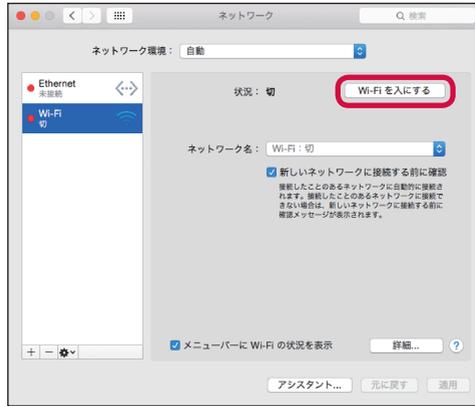
### 3 Tap “Next step” → “Manual connection”

“SSID” and “Password” (Security key) of the terminal is displayed.



### 4 In the Apple menu, click “システム環境設定... (System environment setting...)” and then “ネットワーク (Network)”

**5** Click “Wi-Fi”, then “Wi-Fiを入にする (Turn Wi-Fi on)” to turn the Wi-Fi function on

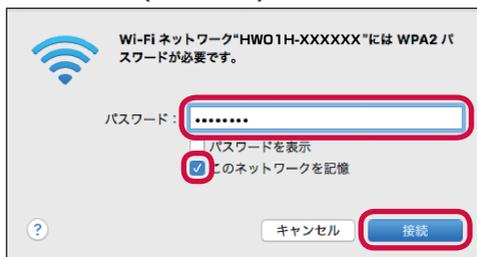


- If the “新しいネットワークに接続する前に確認 (Confirm to connect to a new network)” checkbox is marked, the message “使ったことのあるネットワークが見つかりません。(Cannot find previously used network.)” may be displayed when Wi-Fi is turned on. If displayed, click “キャンセル (Cancel)” and return to the “ネットワーク (Network)” screen.

**6** Select the terminal’s “SSID” from the “ネットワーク名 (Network name)” pull-down list



- 7** Enter the password (security key) in the “パスワード (Password)” box, mark the “このネットワークを記憶 (Remember this network)” checkbox, and click “接続 (Connect)”



Wi-Fi ネットワーク“HW01H-XXXXXX”には WPA2 パスワードが必要です。

パスワード :

パスワードを表示

このネットワークを記憶

The image shows a Wi-Fi password entry dialog box. At the top left is a blue Wi-Fi signal icon. The text reads: "Wi-Fi ネットワーク“HW01H-XXXXXX”には WPA2 パスワードが必要です。" Below this is a label "パスワード :" followed by a password input field containing seven dots. To the right of the input field is a small link "パスワードを表示". Below the input field is a checked checkbox with the label "このネットワークを記憶". At the bottom left is a help icon (question mark in a circle). At the bottom right are two buttons: "キャンセル" (Cancel) and "接続" (Connect). Red boxes highlight the password input field, the "このネットワークを記憶" checkbox, and the "接続" button.

## Connecting to an Android™ device

This section describes an example for an Android smartphone (Android 6.0). Depending on your Android terminal and Android version, operation varies. See the instructions for your Android terminal for details.

### ■ Connecting with the WPS function (automatic connection)

Android terminals supporting the push button method of the WPS function allow ESSID, security method, etc. required for connection to be quickly configured. See the operation manual of each Android terminal to find if the device supports the push button method of the WPS function.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 In the apps list screen on the Android terminal, tap “設定 (Settings)” → “Wi-Fi”

#### 3 Turn “Wi-Fi” on

#### 4 Tap “簡単設定 (EASY SETTINGS)”

The Wi-Fi Easy Settings screen appears.

#### 5 Tap “WPSプッシュボタン (WPS Push Button)”

#### 6 In the terminal’s home screen, tap “Connection guide” → “Next step” → “WPS”



#### 7 Tap the “WPS” button



- It may require about 2 minutes for setup to be completed.

When “Succeeded” appears on the touch panel of the terminal, the setup is complete.

### Information

- For Android terminals supporting the PIN code input method of the WPS function, WPS PIN code can be used also to connect. For the instructions of an Android terminal, see the operation manual of the Android terminal. Use the docomo HW-01H Setting Tool for setting up the terminal. →P.111
- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

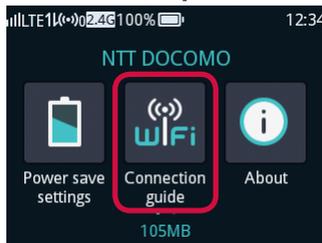
### ■ Connecting by searching access points (manual connection)

When your Android terminal does not support WPS or WPS connection is not possible, the terminal can be manually connected.

#### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

#### 2 In the terminal’s home screen, tap “Connection guide”



#### 3 Tap “Next step” → “Manual connection”

“SSID” and “Password” (Security key) of the terminal is displayed.



#### 4 In the apps list screen on the Android terminal, tap “設定 (Settings)” → “Wi-Fi”

#### 5 Turn “Wi-Fi” on

#### 6 In the list screen, tap the terminal’s displayed “SSID”

## 7 Enter the password (security key) correctly, and tap “接続 (Connect)”

An icon for Wi-Fi signal is displayed at the upper right of the screen, “接続済み (Connected)” is displayed for the SSID, and setup is complete.

### ■ Connecting using the QR code display function of the terminal

By installing the “Huawei HiLink” application on an Android terminal, you can use the terminal's QR code display function and scan the displayed QR code to automatically connect to the terminal.

- To use the terminal's QR code display function to connect an Android terminal, installing the “Huawei HiLink” application on the Android terminal is required first.
- The “Huawei HiLink” application can be installed by either of the following methods.
  - Search and install the “Huawei HiLink” application with Google Play™
  - In the terminal's home screen, tap “Menu” → “QR code” → “Show QR code(Android)” to display the QR code, and scan it with the Android terminal's camera → tap the displayed URL to install

## 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

## 2 In the terminal's home screen, tap “Menu” → “QR code”

QR code is displayed on the terminal's touch panel.

## 3 In the apps list screen on the Android terminal, tap “Huawei HiLink”

- At the initial launching, the introduction screen of the application is displayed. Slide the screen to left, and tap “開始 (Start)”.
- If the “デバイスを選択 (Select device)” screen appears, tap “3G/4G無線ルーター (3G/4G wireless routers)” → “後で (Later)”.

## 4 Slide the menu at the bottom of the screen to left, and tap “QRコードのスキャン (Scan)”

The screen for QR code scanning is displayed.

## 5 Scan the QR code displayed on the terminal's touch panel with the Android terminal's camera

- If a confirmation screen, etc. are displayed, follow the instructions that appear on the screen.

The terminal is automatically connected to the Android terminal.

When the amount of data used for communication is displayed in the middle of the screen, the setting is complete.

- Login is required to perform various settings. Tap “ログインしていません。ここをクリックしてログインします。(You are not logged in, click here to log in)”, and enter a password. The password at time of purchase is set to “admin”.

### Information

- You cannot automatically connect a terminal by scanning QR code with application other than “Huawei HiLink”. Always use “Huawei HiLink” application.
- If automatic connection fails by reading the QR code, connect by referring to “Connecting by searching access points (manual connection)” under “Connecting Android™ Terminal” (→P.59).

## Connecting to iPhone, iPod touch, and iPad

This section describes an example for iPhone/iPod touch/iPad (iOS 9.3).

- Once setup is complete and there are connectable access points nearby, the terminal connects automatically to a configured access point.
- When there are several registered access points, the terminal connects automatically to the last-configured access point.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal's home screen, tap "Connection guide"



### 3 Tap "Next step" → "Manual connection"

"SSID" and "Password" (Security key) of the terminal is displayed.



### 4 On the iPhone/iPod touch/iPad home screen, tap "設定 (Settings)" → "Wi-Fi"

### 5 Turn "Wi-Fi" on

### 6 In the list screen, tap the terminal's displayed "SSID"

### 7 Enter the password (security key) correctly, and tap "Join"

An icon for Wi-Fi signal is displayed at the upper left of the screen, a check icon is displayed for the SSID, and setup is complete.

## Connecting to Nintendo 3DS

This section describes an example for Nintendo 3DS/3DS LL. For Nintendo DSi/DSi LL/DS/DS Lite users, some operation and screens vary. See the instructions for your product for details.

- Screen examples are all from Nintendo 3DS.
- To use Nintendo DS/DS Lite, set the type of security (encryption mode) of the terminal to “WEP”. Note that by changing the security setting, already-configured Wi-Fi devices will no longer be able to connect. See “Basic settings” (→P.108) for details.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the Nintendo 3DS home menu, touch “本体設定 (Unit settings)”→“はじめ (Start)”→“インターネット設定 (Internet settings)”

- For Nintendo DSi/DSi LL, touch “本体設定 (Unit settings)”→“インターネット (Internet)”.
- For Nintendo DS/DS Lite, start up game software that supports Nintendo Wi-Fi Connection, and display the “Wi-Fiコネクション設定 (Wi-Fi connection settings)” screen.  
See the instructions for your game software package for operation.

### 3 Touch “インターネット接続設定 (Internet connection settings)”

- For Nintendo DSi/DSi LL, touch “接続設定 (Connection settings)”, and for Nintendo DS/DS Lite, “Wi-Fi接続先設定 (Wi-Fi connection settings)”.

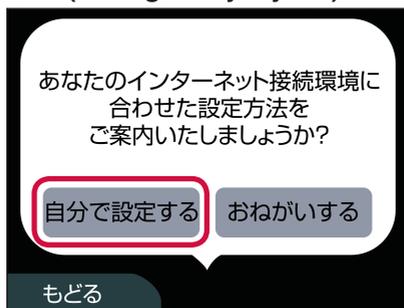


#### 4 Touch “接続先の登録 (Register connection)”

- For Nintendo DSi/DSi LL, touch “上級者設定 (Advanced settings)”, and touch any connection for which “未設定 (No setting)” is displayed. Then, go to “Connecting with the WPS function (automatic connection)” or “Connecting by searching access points (manual connection)” in Step 5.
- For Nintendo DS/DS Lite, touch any connection for which “未設定 (No setting)” is displayed. Then, go to “Connecting by searching access points (manual connection)” in Step 5.



#### 5 Touch “自分で設定する (Configure by myself)”

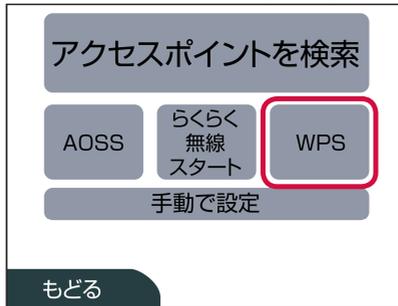


## ■ Connecting with the WPS function (automatic connection)

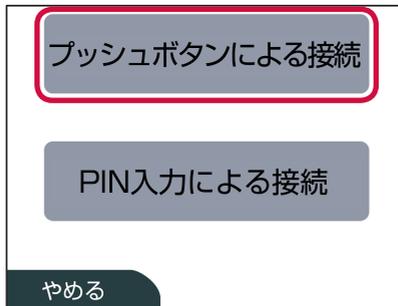
The WPS function allows ESSID, security method, etc. required for connection to be quickly configured.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108
- The WPS function is not available for Nintendo DS/DS Lite. See “Connecting by searching access points (manual connection)” (→P.65).

### 1 Touch “Wi-Fi PROTECTED SETUP” (WPS)



### 2 Touch “プッシュボタンによる接続 (Connect with push button)”



### 3 In the terminal’s home screen, tap “Connection guide” → “Next step” → “WPS”



## 4 Tap the “WPS” button



- It may require about 2 minutes for setup to be completed.

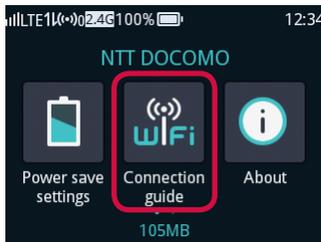
## 5 Touch “OK” on the Nintendo 3DS screen

- For Nintendo DS/DS Lite, touch “はい (Yes)”.

The connection test starts. A message indicating connection success is displayed and setup is complete.

## ■ Connecting by searching access points (manual connection)

### 1 In the terminal’s home screen, tap “Connection guide”

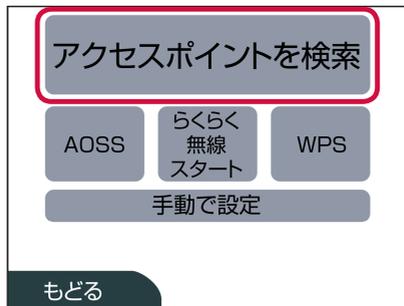


### 2 Tap “Next step” → “Manual connection”

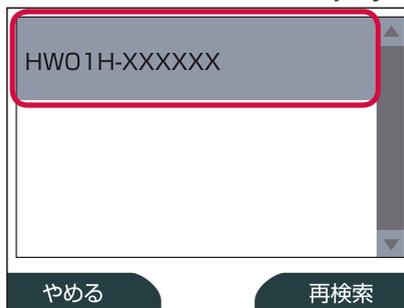
“SSID” and “Password” (Security key) of the terminal is displayed.



- 3 Touch “アクセスポイントを検索 (Search access points)” in the Nintendo 3DS screen

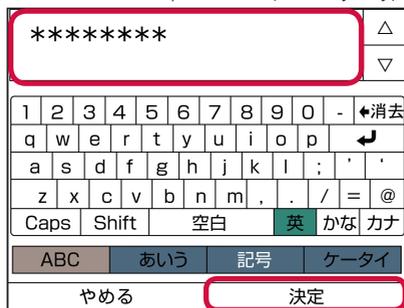


- 4 In the list screen, touch the terminal's displayed “SSID”



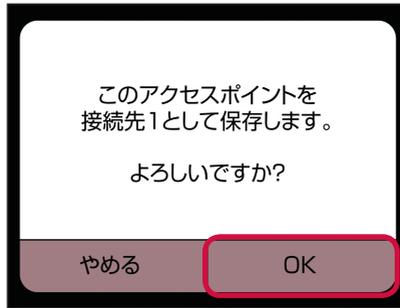
- 5 Enter the password (security key) correctly, and touch “決定 (Connect)”

- For Nintendo DSi/DSi LL, enter the password (security key) correctly, and touch “OK”.



## 6 Touch “OK”

- For Nintendo DS/DS Lite, touch “はい (Yes)”.



## 7 Touch “OK”

- For Nintendo DS/DS Lite, touch “はい (Yes)”.

The connection test starts. A message indicating connection success is displayed and setup is complete.

## Connecting to PlayStation®Vita

- Screen examples are all from Wi-Fi model.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the PS Vita home screen, touch “設定 (Settings)”→“はじめる (Start)”



### 3 Touch “ネットワーク (Network)”→“Wi-Fi設定 (Wi-Fi settings)”



### 4 Mark the “Wi-Fi” checkbox, slide the screen down, and touch “WPS”



**5** In the terminal's home screen, tap "Connection guide" → "Next step" → "WPS"



**6** Tap the "WPS" button



- It may require about 2 minutes for setup to be completed. When "Succeeded" appears on the touch panel of the terminal, the setup is complete.

## Connecting to PSP® “PlayStation Portable”

This section describes an example for PSP-3000.

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

### 2 In the terminal’s home screen, tap “Connection guide”



### 3 Tap “Next step” → “Manual connection”

“SSID” and “Password” (Security key) of the terminal is displayed.



### 4 Turn on the wireless LAN switch of PSP®

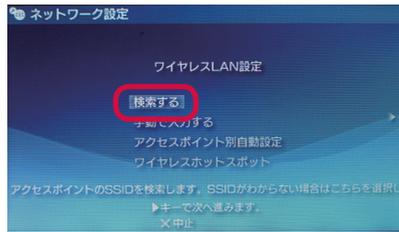
### 5 In the PSP® home screen, “設定 (Settings)” → “ネットワーク設定 (Network settings)” and press the “○” button



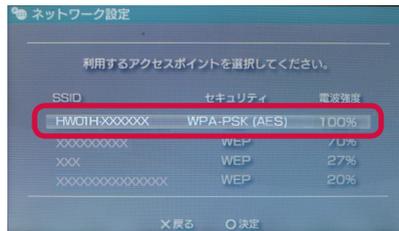
### 6 Select “インフラストラクチャーモード (Infrastructure mode)” and press the “○” button

### 7 Select “[新しい接続の作成] ([Create a new connection])” and press the “○” button

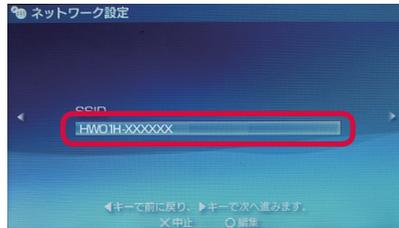
**8** Select “検索する (Search)” and press the “▶” direction button



**9** In the list screen, select the terminal’s displayed “SSID”, and press the “○” button



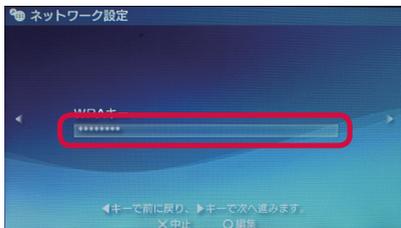
**10** Confirm the displayed SSID, and press the “▶” direction button



**11** Select the security method, and press the “▶” direction button

- Select the type of security (encryption mode) that is set on the terminal. →P.108

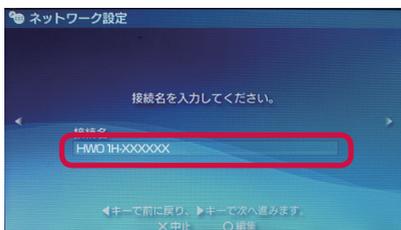
- 12 Press the “○” button, enter the password (security key) correctly, and press the “▷” direction button



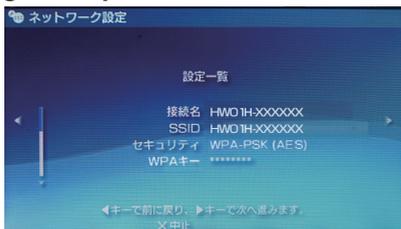
- 13 Select “かんたん (Easy)”, and press the “▷” direction button

- 14 Confirm the access point name, and press the “▷” direction button

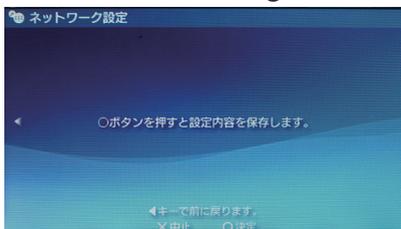
- You can change the connection name. Press the “○” button to display the entry screen, then enter a connection name.



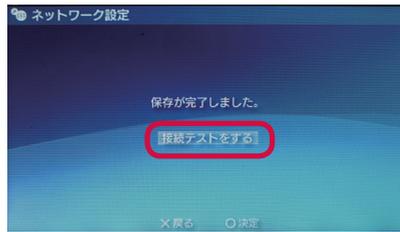
- 15 Confirm the settings, and press the “▷” direction button



- 16 Press the “○” button to save the settings



## 17 Press the “○” button to start the connection test



The test result is displayed and setup is complete.

# Connecting/Communicating by USB cable

You can connect the terminal directly to a computer via the USB cable HW05 (bundled) to send/receive data.

## Connecting the terminal to PC

### 1 Press on the terminal for about 2 seconds to turn on power

The Wi-Fi function is enabled, and  is displayed. By its settings at the time of purchase, the terminal will connect to the Internet automatically.  is displayed when it succeeds.

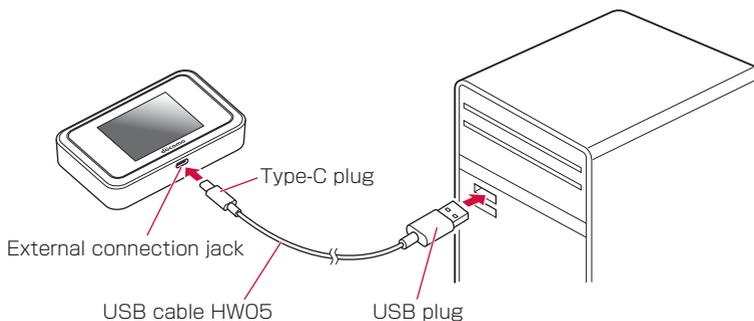
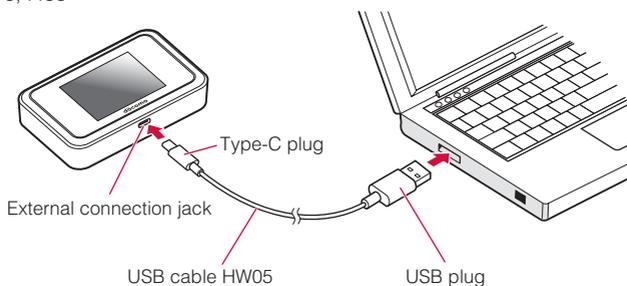
### 2 Insert the Type-C plug of the USB cable straight into the external connection jack on the terminal (docomo mini UIM card installed)

- Do not forcibly insert it to the innermost part.

### 3 Insert the USB plug of the USB cable straight into the USB port of the computer

The computer recognizes the terminal. Some time may be required.

- The first time you connect to the terminal by the USB cable, you must install the driver.  
→P.76, P.85



## ■ Removing the terminal from a PC

Confirm that sending/receiving of data is complete, and remove the terminal.

### 1 Pull the USB cable straight out from the terminal and the PC

#### Information

---

- Disconnecting the USB cable during data communication disrupts data communication and may cause malfunction or loss of data. Exercise caution.
  - If the computer is placed in standby (suspend/resume/sleep) or in hibernation while the terminal is connected, operation may not occur correctly. Always remove the terminal before placing the computer in standby or hibernation.
  - If the computer is restarted or its power is turned on while the terminal is connected, operation may not occur correctly. Remove the terminal before starting up the computer.
-

# Connecting to Windows PC

## Installing the driver

You are only required to install the HW-01H Setting Tool the first time you connect to your computer. Examples from operating Windows 10 with a mouse are used for screens and steps. For operations on touch panel, see the instructions for your PC.

- When installing, connect the terminal to the PC's USB port after the OS is running.
- Do not remove the terminal during installation.
- Some time may be required for installation depending on your PC.
- At least 100 MB of hard disk space is required for installation (may depend on system environment).
- Do not install/uninstall while data is being sent/received.
- Before installation, exit all running applications. Also exit all resident programs, including anti-virus software.
- To install, always use a user account with PC administrator-level privileges. Installing under any other account will cause an error.
- Contact the PC manufacturer or Microsoft for inquiries regarding configuring PC administrator-level privileges.

### 1 Turn on the PC and start up the OS

### 2 Connect the terminal to the PC

- See “Connecting the terminal to PC” (→P.74) for connection.

### 3 Click “CD ドライブ (X:) HW-01H (CD Drive (X:) HW-01H)” displayed on the desktop screen

- The CD drive assignment (X) varies with each user's PC environment.



#### 4 Click “AutoRun.exeの実行 (Run AutoRun.exe)”

The setup screen for the docomo HW-01H Setting Tool is displayed.



#### ■ When the setup screen for the docomo HW-01H Setting Tool is not displayed.

While pressing the [Windows] key on the keyboard, push the [E] key to display the explorer screen, and double click “CDドライブ (X:) HW-01H (CD Drive (X:) HW-01H)”.

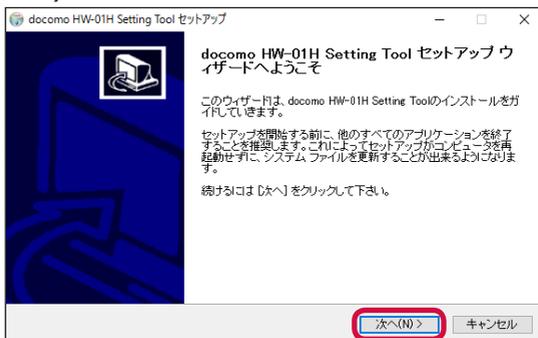
- The CD drive assignment (X) varies with each user's PC environment.

#### 5 Click “はい (Yes)” when the “ユーザーアカウント制御 (User account control)” screen is displayed

#### 6 In the pull-down list, select “Japanese (日本語)” and click “OK”



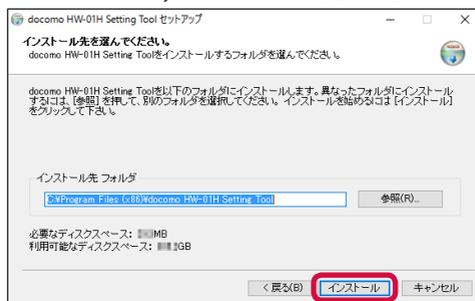
#### 7 Click “次へ (Next)”



## 8 Confirm the “使用許諾契約書 (License agreement)” and click “同意する (Agree)”



## 9 Specify a folder to install to, and click “インストール (Install)”



Installation begins.

## 10 Check that the “W-TCP機能を使用する (推奨) (Use W-TCP function (recommended))” checkbox is marked, and click “完了 (Complete)”



## 11 Restart the PC

A shortcut icon for the docomo HW-01H Setting Tool appears on the desktop, and installation is complete.

---

**Information**

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- Installation/uninstallation is performed in the desktop screen when using Windows 8.1, because the driver for the terminal does not support Windows Store. The shortcut icon after installation is also displayed only in the desktop screen.
-

## ■ Checking the connection

Check to make sure the terminal and the PC are connected correctly.

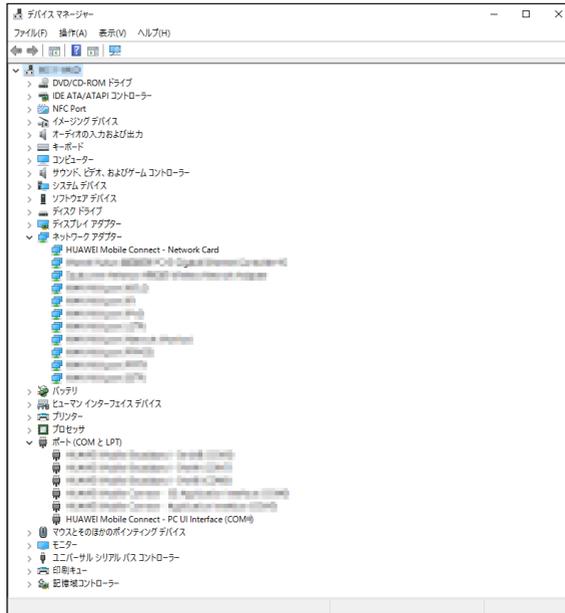
### ■ Windows 10

1 Right-click  on the lower left of the desktop, and click "デバイス マネージャー (Device manager)"

2 Confirm that the following devices are displayed

- ネットワーク アダプター (Network adapters): HUAWEI Mobile Connect - Network Card
- ポート (COM と LPT) (Ports (COM & LPT)): HUAWEI Mobile Connect - PC UI Interface (COMXX\*)

\* The COM port number (XX) varies with each user's PC environment.





## ■ Windows 7

**1** In the “スタート (Start)” menu, right-click “コンピューター (Computer)”, then click “プロパティ (Properties)”

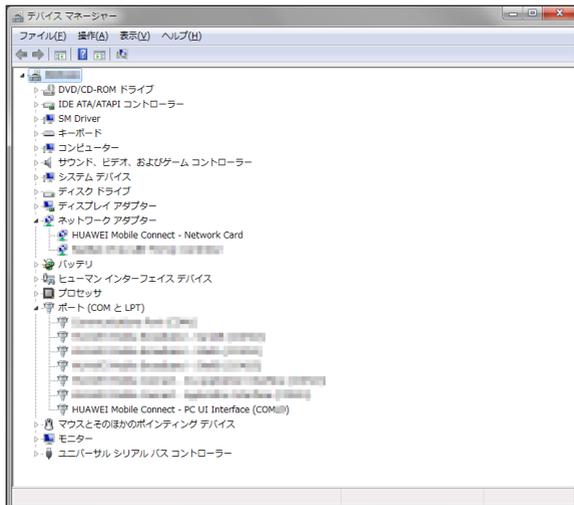
**2** Click “デバイス マネージャー (Device manager)”

- When the “ユーザーアカウント制御 (User account control)” screen is displayed, click “はい (Yes)”.

**3** Confirm that the following devices are displayed

- ネットワーク アダプター (Network adapters): HUAWEI Mobile Connect - Network Card
- ポート (COM と LPT) (Ports (COM & LPT)): HUAWEI Mobile Connect - PC UI Interface (COMXX\*)

\* The COM port number (XX) varies with each user's PC environment.



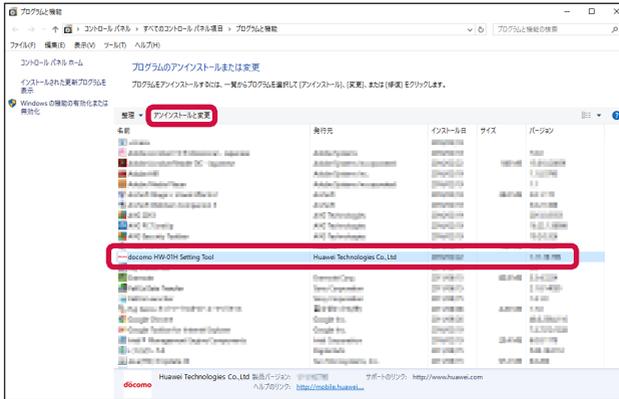
## ■ Uninstalling the driver

To delete the driver, first remove the terminal, and then use the following steps. Examples from operating Windows 10 with a mouse are used for the following screens and steps. For operations on touch panel, see the instructions for your PC.

- To uninstall, always use a user account with administrator-level privileges.

**1** Right-click  on the lower left of the desktop, and click “プログラムと機能 (Programs and functions)”

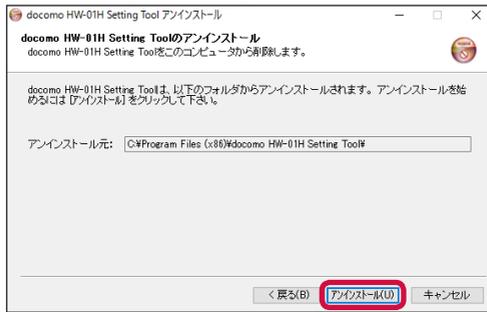
**2** Select “docomo HW-01H Setting Tool”, and click “アンインストールと変更 (Uninstall/change)”



**3** Click “次へ (Next)”



## 4 Click “アンインストール (Uninstall)” and start uninstallation



## 5 Confirm that the “W-TCP機能の最適化を解除する（推奨）(Cancel W-TCP function optimization (recommended))” checkbox is marked, and click “完了 (Complete)”



Uninstallation is complete.

## 6 Restart your PC

# Connecting to Mac

## Installing the driver

You are only required to install the docomo HW-01H Setting Tool the first time you connect to your computer.

Examples from Mac OS X 10.11 are used for screens and steps. →P.40

- When installing, connect the terminal to the computer's USB port after the OS is running.
- Do not remove the terminal during installation.
- Some time may be required for installation depending on your computer.
- At least 100 MB of hard disk space is required for installation (may depend on system environment).
- Do not install/uninstall while data is being sent/received.
- Before installation, exit all running applications. Also exit all resident programs, including anti-virus software.
- To install, always use a user account with computer administrator-level privileges. Installing under any other account will cause an error.
- Contact Apple for inquiries regarding configuring computer administrator-level privileges.

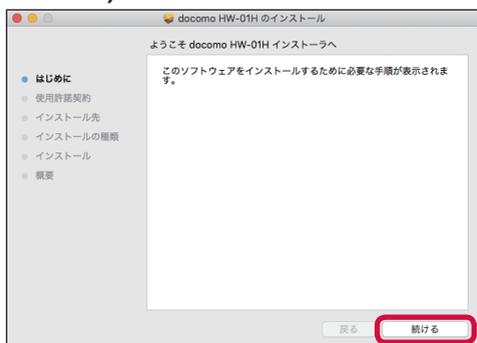
### 1 Turn on the computer and start up the OS

### 2 Connect the terminal to the computer

- See “Connecting the terminal to PC” (→P.74) for connection.  
The HW-01H folder opens automatically.

### 3 Double-click the “docomo HW-01H\_Driver” icon

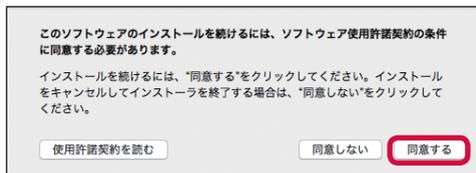
### 4 Click “続ける (Continue)”



## 5 Click “続ける (Continue)”

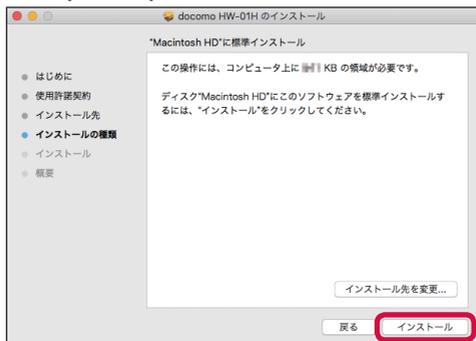


## 6 Confirm the “使用許諾契約 (License agreement)” and click “同意する (Agree)”



- If a “インストール先の選択 (Select install destination)” screen appears, select a destination, and click “続ける (Continue)”.

## 7 Click “インストール (Install)”



**8** Enter a username with computer administrator privileges and password, and click “ソフトウェアをインストール (Install software)”



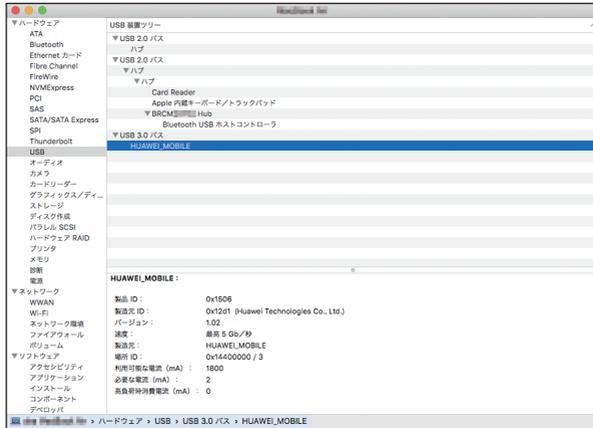
- Clicking “OK” starts installation.

**9** After “インストールが完了しました (Installation complete)” appears, click “閉じる (Close)”

## ■ Checking the connection

Check to make sure the terminal and the computer are connected correctly.

- 1 In the Apple menu, click “このMacについて (About this Mac)” → “概要 (Overview)” tab
- 2 Click “システムレポート... (System report...)”
- 3 Click the item “USB”, and confirm that “HUAWEI MOBILE” is displayed



## ■ Removing the terminal from Mac

Confirm that sending/receiving of data is complete, and remove the terminal.

## ■ Uninstalling the driver

To delete the driver, first remove the terminal, then use the following steps.

- 1 Click , then display the Finder screen
- 2 Click “アプリケーション (Application)”
- 3 Double-click “docomo HW-01H Uninstall”
  - If a confirmation message is displayed, click “OK”.
- 4 Enter a username with computer administrator privileges and password, and click “OK”

# Settings (Web browser)

---

docomo HW-01H Setting Tool . . . . .	90
Checking HW-01H status . . . . .	95
Making detailed settings for each function . . . . .	96
Checking the amount of data communication . . . . .	132
Updating software. . . . .	134



# docomo HW-01H Setting Tool

You can make settings for the terminal from a Web browser on a computer and a mobile device that the terminal is connected to via the USB cable or Wi-Fi. This section describes an example for a Wi-Fi connection.

- If you change settings for "LAN Wi-Fi" with the docomo HW-01H Setting Tool on a computer and a mobile device you are connected to by Wi-Fi, Wi-Fi might disconnect. Note that to reconnect, you may be required to change settings on the computer and the mobile device.
- You cannot display/make settings with multiple computers and mobile devices of the docomo HW-01H Setting Tool at the same time.
- You can also make settings for some functions on the terminal itself. →P.135
- You cannot make settings with the docomo HW-01H Setting Tool while the terminal is displaying any screens besides the lock screen are displayed on the terminal. Also, operating the touch panel as settings are being made with the docomo HW-01H Setting Tool may cancel the docomo HW-01H Setting Tool settings.
- The pages of the docomo HW-01H Setting Tool cannot be displayed from a computer or a mobile device that is connected to the terminal via Wi-Fi with the SSID2 (→P.108).

## Supported Web browsers

The terminal supports the following Web browsers.

### Windows

- Windows 7 SP1, 32-bit/64-bit: Microsoft Internet Explorer 11 or later
- Windows 8.1, 32-bit/64-bit: Microsoft Internet Explorer 11 or later
- Windows 10, 32-bit/64-bit: Microsoft Edge, Microsoft Internet Explorer 11 or later
- Mozilla Firefox 24 or later
- Google Chrome™

### OS X

- Safari 7 or later
- Mozilla Firefox 24 or later
- Google Chrome™

### Android terminals

- Browser 4 or later
- Google Chrome™ 34 or later

### iPhone/iPad touch/iPad

- Safari 7 or later
- Google Chrome™ 34 or later

# Starting up docomo HW-01H Setting Tool

## Windows

**1 Start up your PC, and connect the terminal by Wi-Fi**

**2 Start up the Web browser and enter “http://(private IP address of the terminal)” or “http://hw-01h.home” in the address entry box**

- At time of purchasing the terminal, its private IP address is set to “192.168.8.1”.
- You can display the IP address set on the terminal on its touch panel for confirmation.  
→P.140

The home screen appears.

**3 Click “Log In”→Enter the password→Click “Login”**

- Enter upper-case and lower-case letters correctly.
- The password at time of purchase is set to “admin”.

### To exit

In the docomo HW-01H Setting Tool screen, click “Log Out”→“OK”.

## Mac

**1 Start up your PC, and connect the terminal by Wi-Fi**

**2 Start up the Web browser and enter “http://(private IP address of the terminal)” or “http://hw-01h.home” in the address entry box**

- At time of purchasing the terminal, its private IP address is set to “192.168.8.1”.
- You can display the IP address set on the terminal on its touch panel for confirmation.  
→P.140

The home screen appears.

**3 Click “Log In”→Enter the password→Click “Login”**

- Enter upper-case and lower-case letters correctly.
- The password at time of purchase is set to “admin”.

### To quit

In the docomo HW-01H Setting Tool screen, click “Log Out”→“OK”.

## ■ Android terminals/iPhone/iPod touch/iPad

**1** Connect the terminal to an Android terminal/iPhone/iPod touch/iPad via Wi-Fi

**2** Start up the Web browser and enter “http://hw-01h.home/” in the address entry box

**3** Tap “Log In”→Enter the password→tap “Login”

- Enter upper-case and lower-case letters correctly.
- The password at time of purchase is set to “admin”.

### ■ To exit

In the docomo HW-01H Setting Tool window, tap “Log Out” → “OK”.

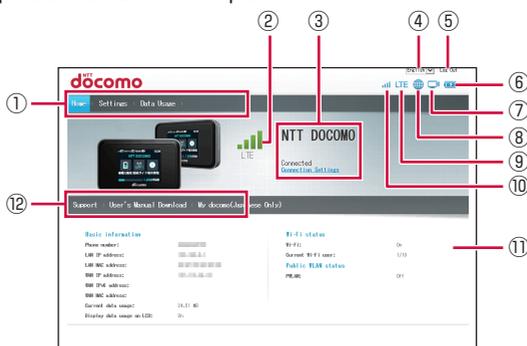
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#### Information

- If you start up the docomo HW-01H Setting Tool with PIN1 operation enabled and you have not yet entered the PIN1 code, the PIN1 operation screen is displayed. Enter the PIN1 code correctly and click “Apply”.
  - To disable PIN1 operation, change the setting referring to “PIN1 management” (→P.104).
  - To ensure security, it is recommended that you change the password preset at time of purchase. See “Modify password” (→P.125) for how to change the password.
  - The docomo HW-01H Setting Tool logs out automatically if a page change is not performed for 15 minutes. Note that items entered up to that point are also deleted.
  - When communication setting software (driver) is installed on your computer, the docomo HW-01H Setting Tool can be started with the following method.
    - Windows  
Double-click the “docomo HW-01H Setting Tool” icon on the desktop
    - Mac  
Click the “docomo HW-01H Setting Tool” icon in the Dock
-

# docomo HW-01H Setting Tool screen

Examples from PC operation are used for steps.



## ① Menu list

Click on menu items to switch pages.

## ② Reception level

■ Internet connection

• ↔ : Reception level "good" ↔ "weak"

■ Public wireless LAN connection

• : Connected to public wireless LAN

• ↔ : Reception level "good" ↔ "weak"

## ③ Internet connection status

Information for the connected provider is displayed.

"Connected": Displayed when connected to the Internet.

"Connection settings": Click to make network settings.

## ④ English/日本語 (Japanese)

You can select the display language.

## ⑤ Log In/Log Out

Click to log in to or out from the docomo HW-01H Setting Tool.

## ⑥ Battery level

The battery left is displayed.

• ↔ : Battery left "charged" ↔ "uncharged"

• : Almost no charge is left. Recharge soon.

• ⇒ ⇒ ⇒ ⇒ : Charging

## ⑦ Wi-Fi function icon

Displayed while Wi-Fi is on.

## ⑧ Internet connection indicator

The status of the Internet connection is displayed.

• Connected: Light blue

• Not connected: Gray

⑨ **Network**

The type of network connected to (LTE/3G/GSM) is displayed.

When connected to public wireless LAN,  is displayed on the right of the type of network.

-  ⇔ : Reception level "good" ⇔ "weak"

If a docomo mini UIM card is not installed or is disabled, a UIM card icon () is displayed.

⑩ **Reception**

The current reception level is displayed.

-  ⇔ : Reception level "good" ⇔ "weak"

⑪ **Home screen**

Settings/information screen for each function, or icon menu is displayed.

⑫ **Support/User's Manual Download/My docomo (Japanese Only)**

Access the docomo home page to view the following pages.

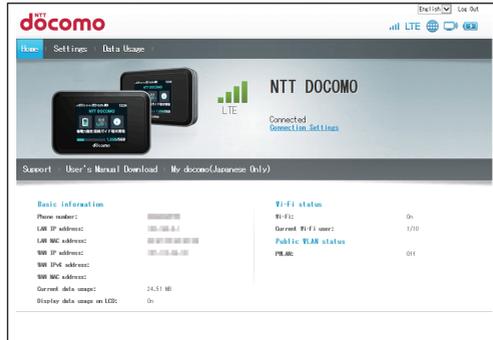
- Support
- User's Manual Download
- My docomo(Japanese Only)

# Checking HW-01H status

You can check the status of the Internet connection, basic information, Wi-Fi status, and public wireless LAN status. Examples from PC operation are used for steps.

- Start up the docomo HW-01H Setting Tool screen beforehand. →P.91

## 1 Click “Home” in the menu list



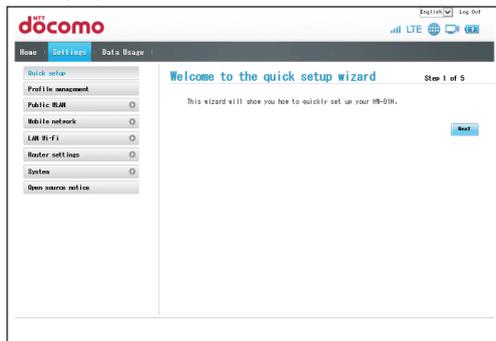
# Making detailed settings for each function

Detailed settings for Internet connection, Wi-Fi, and other functions can be made from the docomo HW-01H Setting Tool screen. Examples from PC operation are used for steps.

- Start up the docomo HW-01H Setting Tool screen beforehand. →P.91

## 1 Click “Settings” in the menu list

The settings screen is displayed.



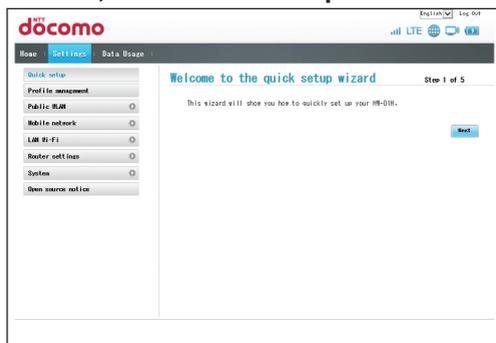
- **Quick setup**  
Follow the steps displayed to complete settings for the terminal easily. →P.97
- **Profile management**  
Make settings for a profile (connection settings). →P.99
- **Public WLAN**  
Make settings for the public wireless LAN function. →P.101
- **Mobile network**  
Make settings for PIN1 code management and networking. →P.103
- **LAN Wi-Fi**  
Make settings for the Wi-Fi function. →P.107
- **Router settings**  
Make settings for security functionality. →P.114
- **System**  
Make settings for the system. Restarting the terminal also possible. →P.124
- **Open source notice**  
License information on software in the terminal can be checked. →P.131

## 2 Click the name of the function to set

## Quick setup

Follow the quick setup wizard to complete settings for the terminal easily.  
Descriptions for setting items are displayed. Read the contents carefully to complete settings.

### 1 In the settings screen, click “Quick setup”



### 2 Click “Next”

### 3 Check the configuration of Wi-Fi settings, and click “Next”

### 4 Configure the Wi-Fi settings, and click “Next”

Setting item	Description	Setting range	Default value
SSID	Set the network name (SSID).	Up to 32 half-size alphanumerics, “.”, “-”, “_”, “(half-size space)” *1	*2
SSID broadcast	Set SSID broadcast.	Enable, Disable*3	Enable
Security (Encryption mode)	Select the security and encryption method.	Open, WEP, WPA2-PSK(AES), WPA/WPA2-PSK(AES+TKIP)	WPA2-PSK (AES)
Password	Set the password to be used. Displayed when “WPA2-PSK(AES)”, “WPA/WPA2-PSK(AES+TKIP)” is selected in “Security(Encryption mode)”.	Up to 64 half-size alphanumerics and half-size symbols (except “”, “”, “”, “”, “”, “”, “¥”, “&”, “%”, “+”, “”, “<”, “>”, “?”)	*2
Network key 1	Specify the WEP key. Displayed when “WEP” is selected in “Security(Encryption mode)”.	—	*2

\*1 (half-size space) cannot be used for the start of a line.

\*2 For settings at the time of purchase, see the bundled wireless LAN initialization sticker and the nameplate sticker.

\*3 If the terminal's network is disconnected from a computer and terminal while the SSID broadcast is "Disable", it may not be possible to reconnect depending on a device. When reconnecting to the terminal's network, connect to an access point with manual setup or connect to a network by directly connecting the terminal to a computer with a USB cable.

## **5 Set the public wireless LAN, and click "Next"**

- Can be set when the public wireless LAN is set to "Turn On" beforehand. →P.102

## **6 Check the settings, and click "Finish"**

The setting contents are applied, and reloading of a page is automatically done.



## 4 Click “Save”

- Communication starts with the settings for the registered profile. Note that packet communication (fee chargeable) occurs depending on the set profile.

### ■ To change the profile being used

Select the profile you want to use from “Profile name”. The APN name, username, password, and authentication method are displayed.

- The currently used profile is displayed with “default” after the profile name.

### ■ To edit an existing profile

Select the profile to edit from “Profile name”, click “Edit”, and follow steps 3 and onward.

### ■ To delete a profile

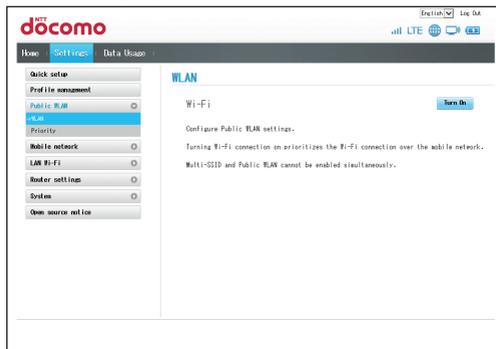
Select the profile to delete from “Profile name”, and click “Delete” → “OK”.

# Public WLAN

Set the public wireless LAN function.

## 1 In the settings screen, click “Public WLAN”

The “Public WLAN” menu is displayed.



## 2 Click the function to set

Function	Description	Refer to
WLAN	Connect to the Internet by Wi-Fi using a Wi-Fi hotspot when out on the go or a wireless LAN router at home or office.	P.102
Priority	Prioritize registered access points.	P.102

### Information

- If the terminal's IP address and a public wireless LAN address compete when connecting to a public wireless LAN, the terminal automatically changes its IP address. Set the IP address again as required. →P.113  
You can display the IP address set on the terminal on its touch panel for confirmation. →P.140
- When using the multiple SSID function, “Public WLAN” is unavailable. →P.108

## ■ WLAN

### 1 Click “Turn On”

The public wireless LAN function is enabled.

Scanning for a Wi-Fi network starts automatically, and names of available access points are displayed in a list.

- Click “Scan” to start scanning again for a Wi-Fi network.
- If you click “Turn Off” with the public wireless LAN function enabled, the public wireless LAN function is disabled.
- Clicking “Turn On” or “Turn Off” changes the network after the terminal is disconnected from the network, and then the terminal restarts. Note that connection to Wi-Fi devices is also disrupted (Reconnect from the Wi-Fi devices after configuring settings).

Also, you become logged out from the docomo HW-01H Setting Tool, restart your Web browser if the docomo HW-01H Setting Tool does not return to the home screen automatically.

### 2 Click “Connect” to the right of the access point name you want to connect to



- To connect to a secured access point, enter information required for connecting, and click “Connect”.
- You can also click “Add network” to add/connect to access points manually.
- Up to 16 access points can be registered. If an access point is added with already registered 16 access points, the access point with the lowest priority is deleted.

#### Information

- By setting to On, a Wi-Fi connection is given priority over a mobile network connection. To connect to a mobile network, set to Off.

## ■ Priority

Prioritize registered access points.

### 1 Click “↑” “↓” to the right of an access point name to switch order

- You can also click “Delete” to delete an access point setting.

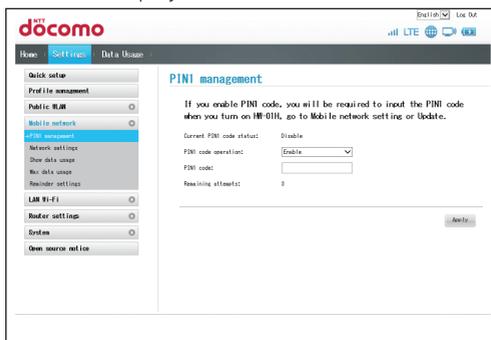
### 2 Click “Apply”

# Mobile network

You can change settings for PIN1 code management and display of data transfer amount.

## 1 In the settings screen, click “Mobile network”

The “Mobile network” menu is displayed.



## 2 Click the function to set

Function	Description	Refer to
PIN1 management	Set Enable/Disable for PIN1 operation or change the PIN1 code.	P.104
Network settings	Set whether to display the total amount of data transferred and the maximum for data transfer.	P.105
Show data usage	Set whether to display the total amount of data transferred and the maximum for data transfer.	P.105
Max data usage	Set the approximate maximum data usage and display on the home screen of the terminal.	P.105
Reminder settings	Set a data usage amount for notifying the user at.	P.106

## ■ PIN1 management

You can set enable/disable for PIN1 operation or change the PIN1 code.

### ■ To enable/disable the PIN1 code

- 1 Select “Enable”/“Disable” for “PIN1 code operation”
- 2 Enter the PIN1 code correctly in “PIN1 code”, and click “Apply”

### ■ To change the PIN1 code

- 1 Select “Modify” in “PIN1 code operation”, and set the following items

- The PIN1 code can only be changed when PIN1 operation is set to “Enable”.

Setting item	Description	Setting range	Default value
PIN1 code	Enter the currently set PIN1 code.	4- to 8-digit number	—
New PIN1 code	Enter the new PIN1 code.	4- to 8-digit number	—
Confirm PIN1 code	Re-enter the new PIN1 code to confirm.	4- to 8-digit number	—

- 2 Click “Apply”

#### Information

- If PIN1 operation is enabled, you must enter the PIN1 code when turning on the terminal.
- If you start up the docomo HW-01H Setting Tool with PIN1 operation enabled and you have not yet entered the PIN1 code, the PIN1 operation screen is displayed. Enter the PIN1 code and click “Apply”.
- If the PIN1 code is entered incorrectly 3 times in a row, the PIN1 code is locked and the terminal cannot be used. If locked, use a “PIN unlock key” to unlock it. If you start up to the docomo HW-01H Setting Tool with the PIN1 code locked, the PIN unlock key (PUK) authentication screen is displayed. Enter the correct PUK and new PIN1 code, and click “Apply”.

## ■ Network settings

Set the priority and search method for connectable networks.

- The terminal may be disconnected from the network (When the icon indicating out of service area is displayed) if the preferred mode is changed or while searching for a network. Take care when changing settings.

### 1 Set the items below

Setting item	Description	Setting range	Default value
Network Preferred mode	Select the type of network for priority connection.	LTE/3G/ GSM(Auto), 3G/ GSM, GSM	LTE/3G/ GSM(Auto)
Searching Network Mode	Select the search method.	Auto, Manual	Auto

### 2 Click “Apply”

- If “Manual” is selected for “Mode”, a list of networks is displayed. Select the network you can use, and click “OK”.

## ■ Show data usage

Set whether to display the total amount of data transferred and the maximum for data transfer.

### 1 Select “On”/“Off”

- The default value is “On”.

### 2 Click “Apply”

## ■ Max data usage

The maximum data usage is set and displayed on the home screen of the terminal.

### 1 Set the items below

Setting item	Description	Setting range	Default value
Max data usage can be set and shown on the HW-01H (GB)	Set the maximum data communication value to display on the terminal's home screen. When the value other than 0 is set, it will be displayed on the home screen of the terminal.	0 – 99	0

### 2 Click “Apply”

## ■ Reminder settings

Set a data usage amount for notifying the user at.

### 1 Set the items below

Setting item	Description	Setting range	Default value
Remind when data usage reaches reminder threshold	Set whether user is notified when data usage reaches the set value.	Enable, Disable	Enable
Reminder threshold	Set the data usage, at which the user is notified at, as a percent of the “Max data usage” value.	1% – 100%	90%

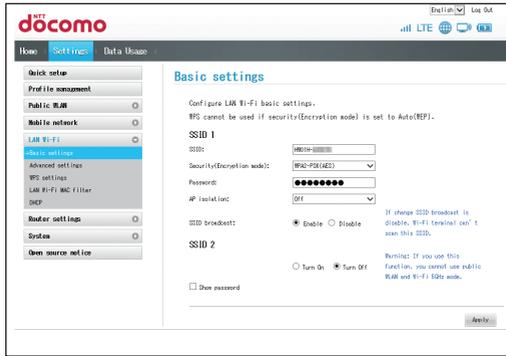
### 2 Click “Apply”

# LAN Wi-Fi

You can make detailed settings for the Wi-Fi function.

## 1 In the settings screen, click “LAN Wi-Fi”

The “LAN Wi-Fi” menu is displayed.



## 2 Click the function to set

Function	Description	Refer to
Basic settings	You can set basic functions for Wi-Fi.	P.108
Advanced settings	You can set detailed functions for Wi-Fi.	P.110
WPS settings	You can use a WPS PIN code to check WPS access authentication.	P.111
LAN Wi-Fi MAC filter	You can register MAC addresses for Wi-Fi devices to permit/block Wi-Fi connections and enhance security functionality.	P.112
DHCP	Set the function for assigning IP addresses to terminals in a LAN.	P.113

## Basic settings

You can set basic functions for Wi-Fi.

- By changing these settings, you may no longer be able to connect with already-configured Wi-Fi devices. If unable to connect, change the connection settings on the Wi-Fi device.
- The terminal can connect up to 10 Wi-Fi devices (for public wireless LAN, up to 9 devices/ when using multiple SSID, up to 9 devices in total: 5 devices for the SSID1 and 4 devices for the SSID2).

### 1 Set the following items

Setting item		Description	Setting range	Default value
SSID1	SSID	Set the network name (SSID).	Up to 32 half-size alphanumeric, “. ” “_” “_”, “(half-size space)”	*1
	Security (Encryption mode)	Select the security. Selecting “WEP” sets WEP encryption as the method.	Open, WEP, WPA2-PSK(AES), WPA/WPA2-PSK(AES+TKIP)	WPA2-PSK(AES)
	Password	Set the password to be used. Displayed when “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)” is selected in “Security”.	Up to 64 half-size alphanumeric and half-size symbols (except “,” “.” “:” “;” “/” “\” “&” “%” “+” “=”, “<” “>”, “?”)	*1
	Network key 1-4	Specify the WEP key. Displayed when “WEP” is selected in “Security(Encryption mode)”.	—	—
	Current network key	Set the prescribed WEP key. Displayed when “WEP” is selected in “Security(Encryption mode)”.	Network key 1 – 4	Network key 1
	AP isolation	When turned on, communication is interrupted between Wi-Fi devices with identical SSID.	On, Off	Off
	SSID Broadcast	Set SSID broadcast.	Enable, Disable*2	Enable
SSID2*3		When turned on, the multiple SSID function becomes available. The items to be set are the same with those of the SSID1.	On, Off	Off
Show password		Mark the checkbox to show the password and network key.	On, Off	Off

\*1 For settings at the time of purchase, see the bundled wireless LAN initialization sticker and the nameplate sticker.

- \*2 If the terminal's network is disconnected from a computer and terminal while the SSID broadcast is "Disable", it may not be possible to reconnect depending on a device. When reconnecting to the terminal's network, connect to an access point with manual setup or connect to a network by directly connecting the terminal to a computer with a USB cable.
- \*3 When using the multiple SSID function, the public wireless LAN function is unavailable. The Wi-Fi 5 GHz band is unavailable.

## **2 Click "Apply"**

The setting contents are applied, and reloading of a page is automatically done.

## ■ Advanced settings

You can make detailed settings for Wi-Fi.

- By changing these settings, you may no longer be able to connect with already-configured Wi-Fi devices. If unable to connect, change the connection settings on the Wi-Fi device.
- Settings (communication speed, channel, etc.) permitted for Wi-Fi differ for each country. Before using the terminal outside of Japan, use caution set the correct country name and carefully observe the communication norms of each country.

### 1 Set the following items

Setting item	Description	Setting range	Default value
Country adaptation	Set whether to determine the country name automatically.	Enable, Disable	Enable
Country	Select the name of the country. Able to set when "Disable" is selected in "Country adaptation".	(Listed items)	JAPAN
Wi-Fi mode	Set the frequency band used.	2.4G, 5G*	2.4G
Channel	Select the channel to use.	2.4G: Auto, 1 – 13 5G: Auto, 100 – 140	Auto
Network sleep	Set to automatically turn off the Wi-Fi function, when no operation is performed for a certain period while a Wi-Fi device is not connected.	Enable, Disable	Enable
Time to sleep (Min)	Set the time delay when Wi-Fi auto off is "Enable".	10, 20, 30	10
Wi-Fi Bandwidth	Select the communication bandwidth for Wi-Fi.	2.4GHz: 20MHz, 20MHz/40MHz 5GHz: 20MHz, 20MHz/40MHz/80MHz	20MHz
Wi-Fi MIMO	Use the several built-in antennas in the terminal in combination to improve communication speed and environment. Communication can sometimes be improved when experiencing slow speeds or instability by setting to "MIMO".	SISO, MIMO	MIMO
Wi-Fi PMF	Enable the function to protect a part of the wireless LAN management frame protection (PMF). The protective function is active only for the slave unit that requires the use of this function.	On, Off	Off

\* When using the multiple SSID function, only 2.4 GHz frequency band can be used.

### 2 Click "Apply"

The setting contents are applied, and reloading of a page is automatically done.

## Information

- When network sleep is set to “Enable”, operation is as follows.
  - The Wi-Fi function does not turn off while charging connected to the adapter or to a PC.
  - When the Wi-Fi function is turned off, mobile network and public wireless LAN connections are also turned off.
  - After the Wi-Fi function has turned off, pressing  or connecting the terminal to the adapter, PC, etc. to start charging will turn the Wi-Fi function on. After the Wi-Fi function is turned on, operate any Wi-Fi devices to reconnect them as required.
- A confirmation message is displayed in the following instances. Click “OK” after confirming the message.
  - Wi-Fi mode is set to “5G”.
  - When using the Wi-Fi 5GHz band, network sleep is changed to “Enable” or “Disable”.
  - When using the Wi-Fi 5GHz band, the time setting for network sleep is changed.By clicking “OK”, a message appears in the touch panel indicating that DFS check is running, and the following buttons appear below.
  - “Continue”: Close the message to continue the DFS check.
  - “Change to 2.4GHz”: Stop the DFS check and connect to the Wi-Fi 2.4 GHz band.Click the required button. Either tap “Continue” or wait about 1 minute\* without tapping a button for the DFS check to complete, and the Wi-Fi 5 GHz band becomes available.  
\* More time may be required depending on the result of a DFS check.
- Confirm that your Wi-Fi devices can use the Wi-Fi 5 GHz band. This terminal cannot use both the Wi-Fi 5 GHz band and 2.4 GHz band at the same time. If any of your Wi-Fi devices cannot use the 5 GHz band, first set the terminal to the 2.4 GHz band.
- If a docomo mini UIM card is not inserted, you are doing international roaming, or the country for Wi-Fi is set to other than Japan (→P.110), Wi-Fi 5GHz cannot be selected.

## ■ WPS settings

Use a WPS PIN code for WPS authentication.

- To use the WPS function, you must set the security method (encryption mode) to “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)”. SSID Broadcast also needs to be set to “Enable”. →P.108

### 1 Display the WPS PIN code on a WPS device

- See the instructions for your WPS device for how to display the WPS PIN code.

### 2 Enter the WPS PIN code displayed on the WPS device in “WPS PIN”, and click “Apply”

- It may require about 2 minutes for setup to be completed.

## Information

- Communication with another Wi-Fi device may be disrupted while connected to a device using a WPS setting.
- WPS setting might fail for a Wi-Fi device on which MAC address filtering is set.

## ■ LAN Wi-Fi MAC filter

You can register MAC addresses for Wi-Fi devices to permit/block Wi-Fi connections and enhance security functionality.

- By changing these settings, you may no longer be able to connect with already-configured Wi-Fi devices. If unable to connect, change the connection settings on the Wi-Fi device.

### 1 Set the following items

Setting item	Description	Setting range	Default value
LAN Wi-Fi MAC filter	Select the operating mode for the MAC address filter function.	Disable, Allow, Deny	Disable
MAC Address	You can set up to 10 MAC addresses for Wi-Fi devices for which to permit or block connection.	6 number groupings, 00 – FF	(none)

### 2 Click “Apply”

A confirmation screen is displayed.

### 3 Click “OK”

The setting contents are applied, and reloading of a page is automatically done.

## DHCP

Set the function for assigning IP address to terminals in a LAN.

- Specify the same subnetwork IP address for “IP address”, “Start IP address”, and “End IP address”.
- For “End IP address”, specify an IP address same with “Start IP address” or larger than it.
- By changing these settings, the docomo HW-01H Setting Tool may no longer function or be displayed. If it no longer functions or is no longer displayed, restart your computer, then specify the correct IP address and restart the docomo HW-01H Setting Tool.
- By changing “IP address” or “Subnet mask”, you may also need to change settings for “LAN IP filter”, “Port mapping”, and “DMZ settings”.

### 1 Set the following items

Setting item	Description	Setting range	Default value
IP address	Set the private IP address for the terminal.	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.1
Subnet mask	Set the subnet mask.	0.0.0.0 - 255.255.255.255	255.255.255.0
DHCP server	Set whether to use the DHCP function.	Enable, Disable	Enable
Start IP address	Set the smallest IP address to be assigned to a Wi-Fi device.	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.100
End IP address	Set the largest IP address to be assigned to a Wi-Fi device.	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.200
DHCP lease time (s)	Set the lease time for addresses.	86400 - 604800	86400

### 2 Click “Apply”

A confirmation screen is displayed.

### 3 Click “OK”

Settings are applied, and the terminal restarts automatically.

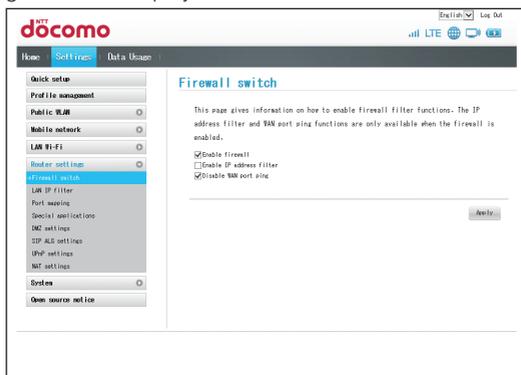
- To continue making settings, log in again after starting the terminal.

# Router settings

Makes security settings.

## 1 In the settings screen, click “Router settings”

The “Router settings” menu is displayed.



## 2 Click the function to set

Function	Description	Refer to
Firewall switch	You can configure the firewall function, to prevent unauthorized access from the Internet.	P.115
LAN IP filter	Set a list of IP addresses for filtering.	P.116
Port mapping	Set to allow access from the Internet to specified terminals in a LAN.	P.118
Special applications	Set to allow use of special applications, such as online gaming and TV conferencing.	P.120
DMZ settings	You can set a specified terminal in a LAN as a DMZ host separated from the other terminals.	P.122
SIP ALG settings	Set when using a service, such as IP telephony, that uses an SIP application.	P.122
UPnP settings	Set when using UPnP applications, peripherals, etc.	P.123
NAT settings	You can convert a private IP address used within a LAN into a global IP address, to allow connection to the Internet.	P.123

## ■ Firewall switch

Set the firewall function on/off and make other settings.

By enabling the firewall, you can monitor outgoing/ingoing communication between the Internet and the LAN, to prevent unauthorized access.

- When the firewall is enabled, access to the LAN from outside is blocked, improving security.
- Enabling the firewall may cause some applications to become unusable or functions to be restricted. However, appropriately setting each of the functions below allows these restrictions to be avoided.

### 1 Set the following items

Setting item	Description	Setting range	Default value
Enable firewall	Set whether to use the firewall function.	On, Off	On
Enable IP address filter	Set whether to use the IP address filter function.	On, Off	Off
Disable WAN port ping	Set whether to respond to WAN pings.	On, Off	On

### 2 Click “Apply”

## ■ LAN IP filter

Determines whether to allow communication from the Internet to pass through the firewall based on sender and receiver addresses according to configured rules. You can make up to 16 registrations.

- To use this function, you must first set “Enable IP address filter” in “Firewall switch” to on.  
→P.115

### ■ Registering rules

#### 1 Click “Add”

#### 2 Set the following items

Setting item	Description	Setting range	Default value
LAN IP address	Set IP addresses for LAN (sender) terminals for which to apply rules.	Class A: 1.0.0.0 - 126.255.255.254 Class B: 128.0.0.0 - 191.255.255.254 Class C: 192.0.0.0 - 223.255.255.254 and "*" wildcard*	(none)
LAN port	Set LAN (sender) port numbers or a port number range for which to apply rules.	1 – 65535 To specify a range, join with “-”	(none)
WAN IP address	Set IP addresses for WAN (destination) terminals for which to apply rules.	Class A: 1.0.0.0 - 126.255.255.254 Class B: 128.0.0.0 - 191.255.255.254 Class C: 192.0.0.0 - 223.255.255.254 and "*" wildcard*	(none)
WAN port	Set WAN (destination) port numbers or a port number range for which to apply WAN port rules.	1 – 65535 To specify a range, join with “-”	(none)
Protocol	Select a protocol for applying rules.	TCP/UDP, TCP, UDP, ICMP	TCP/UDP
Status	Set whether to apply rules.	On, Off	Off

\* “\*” can be used in the following ways as an arbitrary string of characters.

- 1: \*.\*.\*
- 2: 10.\*.\*
- 3: 10.10.\*
- 4: 10.10.10.\*

For a LAN IP address, wildcards are applied within the range of the IP address that is in the same subnet.

### <Example>

When using the terminal as it is at the time of purchase, the LAN IP address is set as "192.168.8.\*". If the DHCP IP address is set to "192.168.8.1", and the subnet mask to "255.255.0.0", the LAN IP address is set to "192.168.\*.\*".

## 3 Click "OK" in the "Options" box

- To continue and register another rule, repeat steps 1 to 3.
- Click "Cancel" to delete entered contents.

## 4 Click "Apply"

A confirmation screen is displayed.

## 5 Click "OK"

Setting is complete, and rules are registered.

### ■ Changing registered rules

## 1 In the settings list, click "Edit" in the "Options" box for the rule whose settings you want to change

Settings are loaded into the settings screen.

## 2 Change settings, and click "OK" in the "Options" box

- Repeat steps 1 to 2 as required to change multiple rules.

## 3 Click "Apply"

A confirmation screen is displayed.

## 4 Click "OK"

Setting is complete, and changes are registered.

### ■ Deleting registered rules

## 1 In the settings list, click "Delete" in the "Options" box for the rule you want to delete

A confirmation screen is displayed.

## 2 Click "OK"

The rule is deleted.

- Repeat steps 1 to 2 as required to delete multiple rules.

## 3 Click "Apply"

A confirmation screen is displayed.

## 4 Click "OK"

Setting is complete, and deletions are registered.

## ■ Port mapping

Permit access to specified devices within a LAN from the Internet. Make these settings when allowing public access to a server or FTP, or when using certain online games, mailing software, etc. You can make up to 16 registrations.

- Because LAN terminals are specified by IP addresses with this function, you must manually set the same subnet static IP address (that cannot be assigned by DHCP) to the server being allowed public access. →P.113
- Set different numbers only when you want to convert port numbers as a security measure. Usually you are not required to convert port numbers to allow public server access or use online games.

## ■ Registering rules

### 1 Click “Add”

### 2 Set the following items

Setting item	Description	Setting range	Default value
Name	Assign any name to rules.	Up to 30 half-size alphanumerics and half-size symbols (except “ ” “” “.” “,” “¥” “&” “%” “+” “=” “<” “>” “?”)	(none)
WAN port	Set WAN (sender) port numbers for which to apply rules.	1 – 65535	(none)
LAN IP address	Set the IP address of a LAN terminal to which to allow public access as a server.	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	(none)
LAN port	Set a destination port number for forwarding packets to a specified LAN terminal to which public access is being allowed as a server. When not required to convert a port number, set the same value as for “WAN Port”.	1 – 65535	(none)
Protocol	Select the protocol to be applied to a rule.	TCP/UDP, TCP, UDP	TCP/UDP
Status	Set whether to apply a rule.	On, Off	Off

### 3 Click “OK” in the “Options” box

- To continue and register another rule, repeat steps 1 to 3.
- Click “Cancel” to delete entered contents.

### 4 Click “Apply”

A confirmation screen is displayed.

## **5 Click “OK”**

Setting is complete, and rules are registered.

### **■ Changing registered rules**

#### **1 In the settings list, click “Edit” in the “Options” box for the rule whose settings you want to change**

Settings are loaded into the settings screen.

#### **2 Change settings, and click “OK” in the “Options” box**

- Repeat steps 1 to 2 as required to change multiple rules.

#### **3 Click “Apply”**

A confirmation screen is displayed.

#### **4 Click “OK”**

Setting is complete, and changes are registered.

### **■ Deleting registered rules**

#### **1 In the settings list, click “Delete” in the “Options” box for the rule you want to delete**

A confirmation screen is displayed.

#### **2 Click “OK”**

The rule is deleted.

- Repeat steps 1 to 2 as required to delete multiple rules.

#### **3 Click “Apply”**

A confirmation screen is displayed.

#### **4 Click “OK”**

Setting is complete, and deletions are registered.

## ■ Special applications

Allow use of special applications, such as online gaming and video telephone systems. You can make up to 16 registrations.

- See the instructions for your application for information on port numbers and protocols you application uses.

## ■ Registering rules

### 1 Click “Add”

### 2 Set the following items

Setting item	Description	Setting range	Default value
Name	Assign any name to rules.	Up to 30 half-size alphanumerics and half-size symbols (except “,” “””, “.”, “.”, “.”, “¥”, “&”, “%”, “+”, “””, “<”, “>”, “?”)	(none)
Status	Set whether to apply rules.	On, Off	Off
Trigger port	Set the port number for controlling data.	1 – 65535	(none)
Trigger protocol	Set the protocol to use for controlling data.	TCP/UDP, TCP, UDP	TCP/UDP
Open protocol	Select a protocol for forwarding data.	TCP/UDP, TCP, UDP	TCP/UDP
Open port	Set port numbers or a port number range for forwarding data.	1 – 65535 To specify a range, join with “_”*	(none)

\* To specify a range, set a start port number and end port number whose difference is 200 or less.

### 3 Click “OK” in the “Options” box

- To continue and register another rule, repeat steps 1 to 3.
- Click “Cancel” to delete entered contents.

### 4 Click “Apply”

A confirmation screen is displayed.

### 5 Click “OK”

Setting is complete, and rules are registered.

## ■ Changing registered rules

### 1 In the settings list, click “Edit” in the “Options” box for the rule whose settings you want to change

Settings are loaded into the settings screen.

### 2 Change settings, and click “OK” in the “Options” box

- Repeat steps 1 to 2 as required to change multiple rules.

### 3 Click “Apply”

A confirmation screen is displayed.

### 4 Click “OK”

Setting is complete, and changes are registered.

## ■ Deleting registered rules

### 1 In the settings list, click “Delete” in the “Options” box for the rule you want to delete

A confirmation screen is displayed.

### 2 Click “OK”

The rule is deleted.

- Repeat steps 1 to 2 as required to delete multiple rules.

### 3 Click “Apply”

A confirmation screen is displayed.

### 4 Click “OK”

Setting is complete, and deletions are registered.

## ■ DMZ settings

You can set a specified terminal in a LAN as a DMZ host separated from the other terminals. Even without setting a port number, this will enable you to allow public access to a Web server or use online games, etc.

- Because all the ports on the terminal set as a DMZ host are open to the outside, it is recommended that you set a personal firewall or similar function on the terminal to ensure security.
- Because LAN terminals are specified by IP addresses, you must manually set the same subnet static IP address (that cannot be assigned by DHCP) to the terminal being set as a DMZ host.  
→P.113

### 1 Set the following items

Setting item	Description	Setting range	Default value
DMZ status	Select whether to set a DMZ function.	Enable, Disable	Disable
DMZ IP address	Set the IP address for the DMZ host.	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.100

### 2 Click “Apply”

## ■ SIP ALG settings

Set when using a service such as IP telephony using an SIP application.

### 1 Set the following items

Setting items	Description	Setting range	Default value
Enable SIP ALG	Set whether to enable the SIP ALG function.	Enable, Disable	Enable
SIP port	Enter a port number specified by an SIP service provider.	1 – 65535	5060

### 2 Click “Apply”

## ■ UPnP settings

Set when using UPnP peripherals, AV equipment, and appliances, or UPnP applications such as mailing software.

### 1 Select UPnP function on/off

Setting item	Description	Setting range	Default value
UPnP status	Set whether to use the UPnP function.	Enable, Disable	Disable

### 2 Click “Apply”

## ■ NAT settings

You can use Symmetric NAT and Cone NAT. Set when sharing a global IP address for using a game device, etc.

### 1 Select “Cone”/“Symmetric”

- The default value is “Symmetric”.

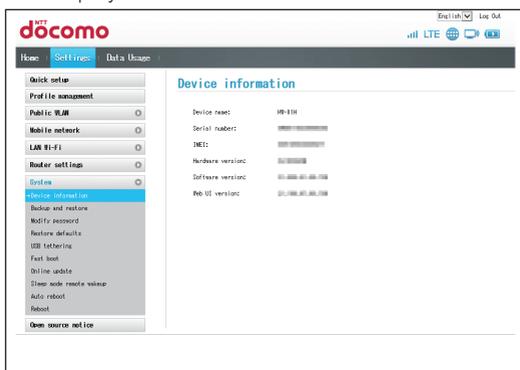
### 2 Click “Apply”

# System

Configure settings for the entirety of the docomo HW-01H Setting Tool and operate the terminal.

## 1 In the settings screen, click “System”

The “System” menu is displayed.



## 2 Click the function to set

Function	Description	Refer to
Device information	Display information for the terminal.	P.124
Backup and restore	You can save settings for the docomo HW-01H Setting Tool to a computer or load saved settings.	P.125
Modify password	You can change the password entered for logging into the docomo HW-01H Setting Tool.	P.125
Restore defaults	You can return settings to their state at the time of purchase.	P.126
USB tethering	Set whether to use the USB tethering function.	P.126
Fast boot	You can start up the terminal in a shorter time.	P.127
Online update	Set whether to check for a new software version at a certain interval.	P.127
Sleep mode remote wakeup	Set to enable to release the network sleep state of the terminal using the Bluetooth function of Android terminal/iPhone/iPod touch/iPad.	P.128
Auto reboot	The terminal reboots automatically on set time with certain interval (day).	P.129
Reboot	You can restart the terminal.	P.130

## Device information

Display information for the terminal.

## ■ Backup and restore

You can save settings for the docomo HW-01H Setting Tool to a computer or load saved settings.

- Depending on browser settings, you may not be able to specify a save destination folder or filename.

### ■ Backing up

**1** Click “Backup”

**2** Follow onscreen instructions to save the file

- Save with a filename containing “hw01h”.

### ■ Restoring

**1** Click “Refer...”, and specify the file to load

**2** Click “Restore”

**3** Click “OK”

Settings are loaded, and the terminal restarts automatically.

- To continue making settings, log in again after starting the terminal.

## ■ Modify password

You can change the password entered for logging into the docomo HW-01H Setting Tool.

- The password at time of purchase is set to “admin”.

**1** Enter “Current password”, “New password”, “Confirm password”

- Set a password up to 15 half-size alphanumeric and half-size symbols (except “,”, “””, “.”, “,”, “%”, “&”, “%”, “+”, “!”, “<”, “>”, “?”).
- In “Confirm password”, enter the new password again for confirmation.

**2** Click “Apply”

The password is changed, and return to the home screen.

- To continue making settings, log in with the new password.

## ■ Restore defaults

Return settings to their state at the time of purchase.

- If you return the terminal to its settings at the time of purchase, please note that all settings you made after purchase will be deleted. You can also preserve settings in case they are inadvertently deleted. See “Backup and restore” (→P.125).
- Even if returned to settings at the time of purchase, your registered PIN1 code and other information on the docomo mini UIM card cannot be returned to the state at the time of purchase.

### 1 Click “Restore”

A confirmation screen is displayed.

### 2 Click “OK”

Settings are loaded, and the terminal restarts automatically.

- To continue making settings, log in again after starting the terminal.

#### Information

---

- You can also press the Reset button for 5 or more seconds to return to settings at the time of purchase. →P.20  
In the same manner as when running “Restore”, settings are loaded, and the terminal restarts automatically.
- 

## ■ USB tethering

Set whether to use the USB tethering function. By using the USB tethering function, you can connect a computer to the terminal via the USB cable to send/receive data.

- The default value is “On”.
- If the USB tethering function is turned off from a PC connected with a USB cable, the docomo HW-01H Setting Tool cannot be used. Start the docomo HW-01H Setting Tool after turning the USB tethering function on with the terminal menu (→P.145), or start the docomo HW-01H Setting Tool after connecting the terminal to a PC via Wi-Fi.

### 1 Select “On”/“Off”

### 2 Click “Apply”

### 3 Click “OK”

## ■ Fast boot

Set whether the terminal has a shorter startup time.

### 1 Select “On”/“Off”

- The default value is “On”.

### 2 Click “Apply”

#### Information

---

- The terminal starts up at a normal speed in the following instances, even if fast boot is on.
    - The battery pack voltage is lower than its rating
    - Starting up the terminal the first time its power turned off due to overheating
    - The docomo mini UIM card is in any of the following states
      - The card is invalid
      - The card is not inserted
      - The card was removed and reinserted
      - The PIN1 code is not yet entered, while PIN1 authentication is active
    - The battery pack is removed from the terminal then reinserted
    - When starting the terminal with a fast boot on the 11th time (from here on, a normal boot occurs after 10 fast boots)
    - The terminal is turned off and back on within 5 minutes of first turning it on
    - When charging while the power is off
- 

## ■ Online update

Set whether to automatically check for a new software version at a certain interval.

### 1 Select “On”/“Off”

- The default value is “On”.

### 2 Click “Apply”

## ■ Sleep mode remote wakeup

Set to enable to release the network sleep state of the terminal, by using the Bluetooth function of Android terminal/iPhone/iPod touch/iPad, or the “Huawei HiLink” application.

- Pairing (Connection settings) by selecting a Bluetooth device cannot be done.
- During the power supply, the network sleep state cannot be released by using the Bluetooth function.

### 1 Select “On”/“Off”

- The default value is “On”.

### 2 Click “Apply”

#### ■ Releasing the network sleep state (Android smartphone)

This section describes an example for an Android smartphone (Android 6.0). Depending on your Android terminal and Android version, operation varies. See the instructions for your Android terminal for details.

### 1 In the apps list screen on the Android terminal, tap “設定 (Settings)” →“Bluetooth”

### 2 Turn “Bluetooth” on

### 3 Tap “デバイスの検索 (SEARCH FOR DEVICES)”

### 4 In the list screen, tap the Bluetooth device name of the terminal

- You can check the Bluetooth device name of the terminal by tapping “About” → “Device info” in the terminal's home screen.
  - If a message about pairing setup failure is displayed, tap “OK”.
- The network sleep state of the terminal is released.

#### ■ Releasing the network sleep state (iPhone/iPod touch/iPad)

This section describes an example for iPhone/iPod touch/iPad (iOS 9.3).

### 1 In the home screen of iPhone/iPod touch/iPad, tap “設定 (Settings)” →“Bluetooth”

### 2 Turn “Bluetooth” on

### 3 In the list screen, tap the Bluetooth device name of the terminal

- You can check the Bluetooth device name of the terminal by tapping “About” → “Device info” in the terminal's home screen.
- When the message “接続できませんでした (Failed to Connect)” is displayed, tap “このデバイスの登録を解除 (Forget this Device)”.

The network sleep state of the terminal is released.

## ■ Releasing the network sleep state (using the “Huawei HiLink” application)

Using the “Huawei HiLink” application installed on an Android or iOS terminal, the network sleep state of the terminal can be released.

- An Android/iOS terminal and this terminal are connected via Wi-Fi, and then, while the “Huawei HiLink” application is launched, it can operate the terminal that is in the network sleep state.
- The “Huawei HiLink” application can be installed by either of the following methods.
  - Search and install the “Huawei HiLink” application with Google Play™ (Android) or App Store (iOS)
  - In the terminal's home screen, tap “Menu” → “Detailed settings” → “Sleep mode remote wakeup” → “Show QR code(Android)”/“Show QR code(iOS)” to display the QR code, and scan it with the Android or iOS terminal's camera → tap the displayed URL to install

### 1 Tap “リモートウェイクアップ (Remote wakeup)” in the home screen of the “Huawei HiLink” application

The Bluetooth function of the Android terminal becomes on, and the network sleep state of the terminal is released.

## ■ Auto reboot

Set to reboot the terminal automatically with a specified interval (day).

### 1 Set the following items

Setting item	Description	Setting range	Default value
Auto reboot	Set whether to reboot automatically.	On, Off	Off
Interval(day)	Set to reboot after certain interval (day).	1 - 30	30
Time	Set a time to reboot.	0 - 23	2

### 2 Click “Apply”

#### Information

- When the automatic reboot is enabled, the terminal reboots automatically on the set time after the set interval (day). If the terminal's power is turned off or the terminal is rebooted from 0:00 am on the day automatic rebooting is planned to the set automatic rebooting time, automatic rebooting is not done.
- When the terminal enters the network sleep state, the internal timer may be delayed, and the planned reboot time may also be delayed.  
Rebooting the terminal corrects the delay of the internal timer.

## Reboot

Restart the terminal.

### **1** Click “Reboot”

A confirmation screen is displayed.

### **2** Click “OK”

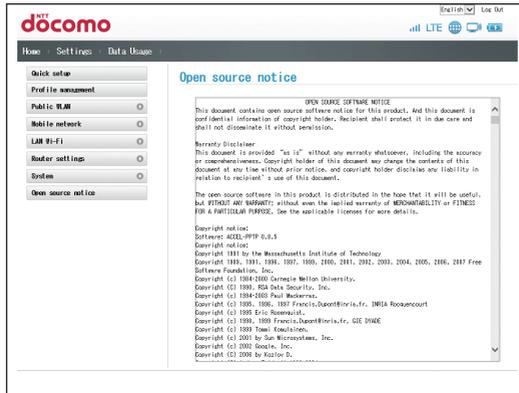
The terminal restarts automatically.

- To continue making settings, log in again after starting the terminal.

# Open source notice

Software license information contained in the terminal can be checked.

## 1 Click “Open source notice” in the settings screen



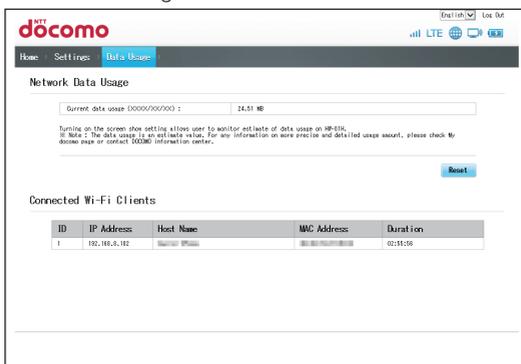
# Checking the amount of data communication

Data communication usage estimate can be checked. Examples from PC operation are used for steps.

- Start the docomo HW-01H Setting Tool screen beforehand. →P.91
- Amounts are not counted during use overseas.
- Amounts are not counted when connected to a public wireless LAN.
- The data usage is cleared in the following cases.
  - docomo mini UIM card is replaced with other docomo mini UIM card
  - The terminal is reset
  - Data usage amount is reset by docomo HW-01H Setting Tool or the terminal menu
  - 12:00 am on the first day of each month

## 1 Click “Data Usage” in the menu list

Information for “Network Data Usage” and “Connected Wi-Fi Clients” is displayed.



Item	Display	Description
Network Data Usage	Current data usage (From XXXX/XX/XX)	The approximate amount of data communication from the date displayed in XXXX/XX/XX is displayed. To check the accurate amount of data communication, inquire on the My docomo page or the docomo Information Center.
Connected Wi-Fi Clients	ID	A number for order of connection is displayed.
	IP Address	IP addresses used by Wi-Fi devices are displayed.
	Host Name	Names assigned to Wi-Fi devices are displayed. Blank when there is no name.
	MAC Address	MAC addresses for Wi-Fi devices are displayed.
	Duration	Time elapsed from connection of Wi-Fi devices is displayed.

## ■ To reset information for amount of data communication

Click “Reset” to reset the amount of data communication.

**1** Click “Reset”

**2** Click “OK”

---

### Information

- Displayed amounts are estimates. To confirm an accurate amount of data communication, inquire on the My docomo page or the docomo Information Center.
-

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# Updating software

You can check the latest software update with the docomo HW-01H Setting Tool screen.

- See “Checking the available software update with the docomo HW-01H Setting Tool” (→P.185) for procedure.

# Settings (on terminal)

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Terminal menu .....	136
Detailed function settings .....	137

# Terminal menu

On the terminal, you can use the touch panel to access the menus and modify or check various settings.

- Some of the functions cannot be configured on the terminal. To configure all the functions, you can use the docomo HW-01H Setting Tool.→P.89
- The docomo HW-01H Setting Tool cannot be used while the touch panel is displayed on the terminal. If you use the terminal's touch panel while configuring functions with the docomo HW-01H Setting Tool, this could interrupt the configuration process using the docomo HW-01H Setting Tool.

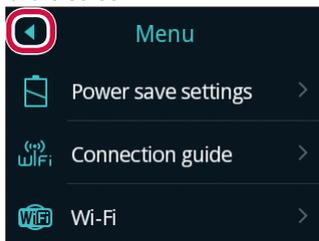
Access the menus from the home screen.



Home screen

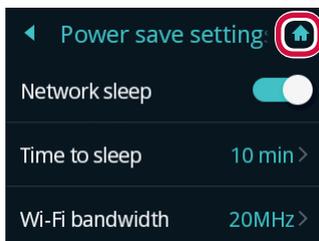
## ■ To return to the previous screen

- Tap  in the top-left corner of the screen.



## ■ To return to the home screen

- Tap  in the upper right of the screen.



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# Detailed function settings

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## Power save settings

When no operation is performed for a certain period while a Wi-Fi device is not connected, Wi-Fi function automatic off (network sleep state), screen brightness and screen off time can be set.

### 1 In the home screen, tap “Power save settings”

The power save settings screen appears.

- The same screen appears by tapping “Menu” → “Power save settings” in the home screen.

## Network sleep

Set to automatically turn off the Wi-Fi function, when no operation is performed for a certain period while a Wi-Fi device is not connected.

### 1 Tap in “Network sleep” in the power save settings screen

- By tapping , you can set the network sleep to “Off”.

### 2 Tap “Time to sleep”

### 3 Select duration to automatically turn off the Wi-Fi function

- 10 min (Default)
- 20 min
- 30 min

### 4 Tap

---

#### Information

- Wi-Fi is automatically off in the following conditions:
    - When no Wi-Fi devices are connected
    - When the terminal is not charging
    - When the screen is turned off
-

## ■ Wi-Fi bandwidth

Set the frequency bandwidth for Wi-Fi.

**1** Tap “Wi-Fi bandwidth” in the power save settings screen

**2** Select the frequency bandwidth

- 2.4 GHz
  - 20MHz (default)
  - 20MHz/40MHz
- 5 GHz
  - 20MHz (default)
  - 20MHz/40MHz/80MHz

**3** Tap 

## ■ Wi-Fi MIMO

Set whether to use Wi-Fi MIMO (technology to expand data communication bandwidth by combining multiple antennas).

**1** Tap “Wi-Fi MIMO” in the power save settings screen

**2** Tap “MIMO”/“SISO”

**3** Tap 

## ■ Brightness

Adjust the screen brightness of the terminal.

**1** Drag  in “Brightness” left or right in the power save settings screen

- Since the screen becomes brighter or darker, adjust it accordingly.

## ■ Screen off time

Set duration for the screen light turning off since you leave your finger off the screen of the terminal.

### 1 Tap “Screen off time” in the power save settings screen

### 2 Select duration to leave the light on

- 15 s
- 30 s
- 60 s (default)
- 120 s
- 10 min

### 3 Tap

---

## Connection guide

Follow the instructions on the screen to connect the terminal with a Wi-Fi device.

### 1 In the home screen, tap “Connection guide”

The connection guide screen is displayed.

- The same screen appears by tapping “Menu” → “Connection guide” in the home screen.

### 2 Tap “Next step”

### 3 Select a connection method

- Manual connection
- WPS
- Follow the instructions on the screen to complete the steps.

## About

You can check the terminal information.

### **1** In the home screen, tap “About”

The terminal information screen appears.

- The same screen appears by tapping “Menu” → “About” in the home screen.

## SSID & password

Display SSID and password.

### **1** Tap “SSID & password” in the terminal information screen

## Device info

Displays information about the terminal.

### **1** Tap “Device info” in the terminal information screen

## Caution on using Wi-Fi 5GHz

Displays precautions you should note when using 5 GHz Wi-Fi.

### **1** Tap “Caution on using Wi-Fi 5GHz” in the terminal information screen

## Wi-Fi

You can configure the settings for the Wi-Fi function.

### 1 In the home screen, tap “Menu” → “Wi-Fi”

The Wi-Fi settings screen is displayed.

## Network sleep

Set whether the Wi-Fi function turns off automatically when no operation is performed for a certain period with Wi-Fi devices not being connected.

### 1 Tap in “Network sleep” in the Wi-Fi settings screen

- By tapping , you can set the Network sleep feature to “Off”.

### 2 Tap “Time to sleep”

### 3 Select duration to turn off the Wi-Fi function automatically

- 10 min (default)
- 20 min
- 30 min

### 4 Tap

#### Information

- Wi-Fi function is automatically disabled in the following conditions:
  - When a Wi-Fi device is not connected
  - When the terminal is not charging
  - When the screen is turned off

## Wi-Fi mode

Set the frequency band to be used.

### 1 Tap “Wi-Fi mode” in the Wi-Fi settings screen

### 2 Select the frequency band

- 2.4GHz (default)
- 5GHz

### 3 Tap

If you selected “2.4GHz”, this ends the procedure.

- If you selected “5GHz”, proceed to step 4.

## 4 Check the message and tap “OK”

A DFS check begins. After checking that there is no radio interference, the terminal connects to the network.

- Tapping “Cancel” in the message screen cancels the setting and returns you to the Wi-Fi settings screen.

### Information

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- When you are using Wi-Fi in the 5GHz band, a DFS check is carried out in the following situations to avoid radio interference with services such as weather radar.
    - When the Wi-Fi mode is set to “5GHz”.
    - When you change the Network sleep feature to “On” or “Off” while using 5 GHz Wi-Fi.
    - When you change the time setting in the Network sleep feature.
    - When the Network sleep feature has turned the Wi-Fi connection off and you then turn the connection back on.
    - When you re-establish the Wi-Fi connection after it has been cut.
  - The DFS check takes about 1 minute. The terminal is temporarily disconnected from the network while the DFS check is running. Once it has been confirmed that there will be no radio interference, the terminal automatically reconnects. Because any Wi-Fi devices connected to the terminal are also disconnected, you should follow the reconnection procedure on the respective Wi-Fi devices as needed once the terminal has reconnected to the network.
  - When the DFS check begins, a message appears on the terminal's touch panel. The following buttons appear below the message:
    - “Continue”: Closes the message and continues with the DFS check.
    - “Change to 2.4GHz”: Cancels the DFS check and connects to Wi-Fi using the 2.4 GHz band.Tap one of the buttons, as required. If you tap “Continue” or simply wait for about 1 minute\* without tapping a button, the DFS check ends and you can use Wi-Fi in the 5 GHz band.  
\*This may take longer depending on the results of the DFS check.
  - Confirm that your Wi-Fi devices can use the Wi-Fi 5 GHz band. This terminal cannot use both the Wi-Fi 5 GHz band and 2.4 GHz band at the same time. If any of your Wi-Fi devices cannot use the 5 GHz band, first set the terminal to the 2.4 GHz band.
  - If a docomo mini UIM card is not inserted, you are doing international roaming, or the country for Wi-Fi is set to other than Japan (→P.110), Wi-Fi 5GHz cannot be selected.
-

## ■ Wi-Fi bandwidth

Set the frequency bandwidth for Wi-Fi.

**1** Tap “Wi-Fi bandwidth” in the Wi-Fi settings screen

**2** Select the frequency bandwidth

- 2.4 GHz
  - 20MHz (default)
  - 20MHz/40MHz
- 5 GHz
  - 20MHz (default)
  - 20MHz/40MHz/80MHz

**3** Tap 

## ■ Wi-Fi MIMO

Set whether to use Wi-Fi MIMO (technology to expand data communication bandwidth by combining multiple antennas).

**1** Tap “Wi-Fi MIMO” in the Wi-Fi settings screen

**2** Tap “MIMO”/“SISO”

**3** Tap 

---

## ■ WPS

You can use the push-button method offered by the WPS function to connect the terminal to a Wi-Fi device.

**1** In the home screen, tap “Menu” → “WPS”

The WPS screen is displayed.

**2** Tap “WPS”

- Use the WPS connection procedure on the Wi-Fi device within 120 seconds.

# Public WLAN

Configure the Public WLAN function settings.

## 1 In the home screen, tap “Menu” → “Public WLAN”

The public WLAN settings menu is displayed.

## 2 Tap in “Public WLAN”

If the terminal finds an access point with a connection history within communication range, it automatically connects to that access point.

- By tapping , you can set the public wireless LAN to “Off”.

## 3 Tap “Available networks”

The terminal automatically starts scanning for Wi-Fi networks and displays a list of available access points.

### ■ To connect to an open access point

#### 1 Select the access point you want to connect to

- When you tap the access point, it is automatically connected.

### ■ To connect to an access point protected by security

#### 1 Select the access point you want to connect to

#### 2 Enter the password

#### 3 Tap

### ■ To connect to an access point using manual configuration

To connect to an access point that is configured as private, you must enter the settings manually.

#### 1 Tap

#### 2 Enter the SSID

#### 3 Tap

#### 4 Select the security method

- You can choose from “Open”, “WEP”, “WPA2-PSK”, “WPA/WPA2-PSK”, “EAP-SIM” and “EAP-AKA” as the security method.

#### 5 Tap

#### 6 Enter the password

- If you selected “Open” as the security method in step 4, you do not need to enter a password.

#### 7 Tap

## Information

---

- You can also switch the public wireless LAN on or off by tapping “Public WLAN” in the home screen.
  - When using the multiple SSID function, “Public WLAN” is unavailable.
- 

## APN setting

If there are settings for multiple APNs to connect to, you can change your connected APN.

- To add a new APN to connect to, or to edit an existing APN, configure the settings from the docomo HW-01H Setting Tool. →P.99

### 1 In the home screen, tap “Menu” → “APN setting”

The APN settings screen is displayed.

### 2 Select an access point

### 3 Tap

## USB tethering

Set whether to use the USB tethering function. The USB tethering function allows you to connect the terminal to a computer and exchange data via a USB cable.

### 1 In the home screen, tap “Menu” → “USB tethering”

The USB tethering screen is displayed.

### 2 Tap “Charging only”/“Charging with standard functions”

- Charging only
- Charging with standard functions (default)

### 3 Tap

## Connected users

You can check the users connected via Wi-Fi and block or unblock users. Users connected via a USB cable are not shown.

### 1 In the home screen, tap “Menu” → “Connected users”

The connected users are displayed.

- The same screen appears by tapping “Connected users” in the home screen.

#### ■ To add users to the blocked list

### 1 Tap to the right of the user to be blocked

### 2 Tap “OK”

#### ■ To remove users from the blocked list

### 1 Tap

### 2 Tap for the user to be removed from the blocked list

### 3 Tap “OK”

## Detailed settings

You can change various settings on the terminal or just check the values set.

### 1 In the home screen, tap “Menu” → “Detailed settings”

The detailed settings screen appears.

## ■ LCD display

You can set the brightness of the terminal's touch panel and configure the sleep setting.

### 1 Tap “LCD display” in the detailed settings screen

#### ■ Setting the screen brightness

Adjust the screen brightness of the terminal.

### 1 Drag in “Brightness” left or right

- Since the screen becomes brighter or darker, adjust it accordingly.

## ■ Setting the screen off time

Set duration for the screen light to turn off since you leave your finger off the screen of the terminal.

### 1 Tap “Screen off time”

### 2 Select duration to leave the light on

- 15 s
- 30 s
- 60 s (default)
- 120 s
- 10 min

### 3 Tap

## ■ Passcode lock

This feature sets a passcode so that the terminal cannot be used until the preset lock code is entered to unlock the screen.

The passcode input screen appears 30 seconds after the screen is locked.

### 1 Tap “Passcode lock” in the detailed settings screen

#### ■ To enable/disable the passcode

### 1 Tap / in “Enable passcode lock”

### 2 Tap the 4 digits of the passcode in order

- Tap  to clear entered digits.

### 3 Re-enter the 4-digit code as confirmation

- When disabling the passcode, there is no need to re-enter the code.

#### ■ To change the passcode

### 1 Tap “Modify”

### 2 Enter the current passcode, then enter the new passcode, and then re-enter the new passcode as confirmation

## ■ Network settings

Set the preferences for the networks you can connect to and the search method used.

- If the preferred mode is changed, you may be disconnected from the network (be out of signal range) while searching for networks. Take care when changing this setting.

### 1 Tap “Network settings” in the detailed settings screen

#### ■ To configure preferred mode

### 1 Tap “Preferred mode” → “LTE/3G/GSM(Auto)”, “3G/GSM”, or “GSM”

### 2 Tap → “OK”

## ■ To set the search mode to Auto or Manual

1 Tap “Search mode” → “Auto” or “Manual”

2 Tap  → “OK”

- If you select “Manual”, a list of networks is displayed. Select the network you can use, and tap  → “OK”.

## ■ PIN1 management

You can specify whether PIN1 code confirmation is enabled or disabled.

1 Tap “PIN1 management” in the detailed settings screen

2 Tap  in “Enable PIN1 code”

3 Tap the numeric keys to enter the PIN1 code

- Tap  to clear entered numbers.

4 Tap 

### Information

---

- Change the PIN1 code from “Mobile network” in the docomo HW-01H Setting Tool. →P.103
  - If you enable PIN1 code confirmation, the PIN1 code confirmation screen appears whenever the terminal is turned on. Tap “Input PIN1 code”, enter the correct PIN1 code and then tap “OK”.
  - If the PIN1 code is entered incorrectly 3 times in a row, the PIN1 code is locked and the terminal cannot be used. In this event, use the “PIN unlock key (PUK)” to unlock it. If you turn the terminal on while the PIN1 code is locked, the PIN unlock key (PUK) authentication screen is displayed. Enter the correct PIN unlock key (PUK), enter a new PIN1 code and then tap “OK”.
  - Setting cannot be done when the docomo mini UIM card is not installed.
- 

## ■ Language

You can change the language displayed on the terminal.

1 Tap “Language” in the detailed settings screen

2 Tap “English” or “日本語 (Japanese)”

3 Tap 

## ■ Time

You can set the time display and the time zone used on the terminal.

### 1 Tap “Time” in the detailed settings screen

■ To turn 24-hour time display on and off

1 Tap  /  in “24-hour time”

■ To set the time zone

1 Tap “Time zone”

### 2 Select the time zone

3 Tap 

■ To turn Summer time display on and off

When you select a time zone that uses Summer time, you can specify whether Summer time display is on or off.

1 Tap  /  in “Summer time”

---

#### Information

- During international roaming or when you are out of signal range, you may not be able to acquire the time accurately.
-

## ■ Auto reboot

Set to reboot the terminal automatically with a specified interval (day).

### 1 Tap “Auto reboot” in the detailed settings screen

### 2 Tap in “Auto reboot”

- Tap  to disable the automatic reboot.

### 3 Tap the day display in “Interval(day)”

### 4 Enter the interval in number of days → tap

- Set the interval from 1 to 30.

### 5 Tap the time display of “Time”

### 6 Enter the time → tap

- Set the time from 0 to 23.

#### Information

---

- When the automatic reboot is enabled, the terminal reboots automatically on the set time after the set interval (day). If the terminal's power is turned off or the terminal is rebooted from 0:00 am on the day automatic rebooting is planned to the set automatic rebooting time, automatic rebooting is not done.
  - When the terminal enters the network sleep state, the internal timer may be delayed, and the planned reboot time may also be delayed.  
Rebooting the terminal corrects the delay of the internal timer.
- 

## ■ Sleep mode remote wakeup

Set to enable to release the network sleep state of the terminal, by using the Bluetooth function of Android terminal/iPhone/iPod touch/iPad, or the “Huawei HiLink” application.

### 1 Tap “Sleep mode remote wakeup” in the detailed settings screen

### 2 Tap / in “Sleep mode remote wakeup”

#### Information

---

- For the steps to remotely release the network sleep state, see “Sleep mode remote wakeup” in “System” (→P. 128).
  - You can install the “Huawei HiLink” application to the Android or iOS terminal by tapping “Show QR code(Android)”/“Show QR code(iOS)” in the sleep mode remote wakeup screen. For details, see “Releasing the network sleep state (using the “Huawei HiLink” application)” (→P. 129).
  - During the power supply, the network sleep state cannot be released by using the Bluetooth function.
-

## SSID & password

You can set the names of SSID and the passwords.

### **1** In the home screen, tap “Menu” → “SSID & password”

The SSID & password settings screen is displayed.

### SSID

#### **1** Tap “SSID” in the SSID & password settings screen

#### **2** Edit names

#### **3** Tap

### Security(Encryption mode)

#### **1** Tap “Security(Encryption mode)” in the SSID & password settings screen

#### **2** Select the security (encryption mode) to change

#### **3** Tap

### Password

#### **1** Tap “Password” in the SSID & password settings screen

#### **2** Change password

#### **3** Tap

## Data usage

You can check your data usage.

### 1 In the home screen, tap “Menu” → “Data usage”

The data usage screen is displayed.

## Clear

### 1 Tap “Clear” in the data usage screen

### 2 Tap “OK”

The date and time when the usage was last cleared are displayed in the data usage screen.

## Settings

### 1 Tap “Settings” in the data usage screen

 To specify whether your data usage is shown in the home screen

1 Tap  in “Show data usage on Home screen”

 To set the maximum data usage

1 Tap the maximum data usage display in “Max data usage”

### 2 Tap the numeric keys to enter the maximum data usage

- Set the maximum data communication usage from 0 to 99. When the value other than 0 is set, it will be displayed in the home screen of the terminal.
- Tap  to clear entered numbers.

### 3 Tap

 To specify whether you are notified when a set value is reached

1 Tap  in “Remind when data usage reaches reminder threshold”

### 2 Drag left or right to adjust the data usage reminder threshold

## QR code

Display the QR code to easily connect with the Android terminal by using the "Huawei HiLink" application. For details, see the "Connecting using the QR code display function of the terminal" (→P. 60).

- Flick upward on the QR code and tap "Show QR code(Android)" to display the QR code to download the "Huawei HiLink" application.

---



## Update

Update the software on the terminal.

- For information on the procedure, see “Updating software with the terminal”. →P. 186



# International roaming

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## Overview of international roaming (WORLD WING)

International roaming (WORLD WING) is a service that allows you to use the terminal you use within Japan in the service area of an overseas network operator affiliated with DOCOMO.

- Supported networks  
The terminal is Class 5. The terminal works in LTE, 3G and GSM/GPRS network service areas. Also, it works in countries or districts where 3G 850MHz/GSM 850MHz is applied. Check the service area.
- Refer to the following documentation before using the terminal overseas.
  - NTT DOCOMO website

### Information

- For country codes, international call access code, universal number international prefix, available countries/regions, and overseas network operators, refer to DOCOMO International Services website.

## Available service in overseas

Communication services	Description
Data communication	You can use data communication by way of packet communication.

### Information

- Some services may not be available depending on the connected overseas network operators or network.
- You can check the names of the connected overseas network operators on the home screen (→P. 32).



# Before using overseas

## Before leaving Japan

Before using the terminal overseas, check the following in Japan.

### Subscription

- Check your application for subscription to WORLD WING. For details, contact “General Inquiries” on the rear cover of this manual.

### Charging

- See the NTT DOCOMO website for charging.

### Usage charge

- Overseas usage charges (packet communication) differ from those in Japan. For details, see the NTT DOCOMO website.

## After arriving overseas

When you arrive overseas and turn the terminal ON, a connection to the available network is established automatically.

### Connectivity

- When "Search mode" in "Network settings" (→P. 147) is set to "Auto", the optimal network is selected automatically.

## Settings for use abroad

### Setting the carrier

At the time of purchase, the terminal is set to automatically search for and switch to a usable network. Use the following steps to change the network manually.

**1** In the home screen, tap “Menu” → “Detailed settings” → “Network settings” → “Search mode”

**2** Select “Manual” → tap 

Available networks are searched for and displayed.

**3** Select a carrier network and tap  → “OK”

- To switch the network automatically, tap "Menu" → "Detailed settings" → "Network settings" → "Search mode" → "Auto" →  → "OK".

## ■ Setting the network mode

**1** In the home screen, tap “Menu” → “Detailed settings” → “Network settings” → “Preferred mode”

**2** Select “LTE/3G/GSM(Auto)”, “3G/GSM”, or “GSM” → tap  → “OK”

## ■ Date and time

If “Time zone” is set to “Auto”, the terminal receives time and time difference information from the overseas carrier network it is connected to update its set time and time difference.

- The time and time difference may not be updated correctly depending on the overseas carrier network. If not updated correctly, set the time zone manually.
- The time at which the update is made depends on the overseas carrier.
- Time →P.149

## ■ Inquiries

- For loss or theft of the terminal or mini UIM card, immediately contact DOCOMO from your destination to take the necessary steps for suspending use. For inquiries, see the rear cover of this manual. Note that you are still liable for communication charges incurred after the loss or theft occurred.
- To use from a land-line phone, you must enter “International call access code” or “Universal number international prefix” for the country.

## ■ Checks after coming back to Japan

A network is automatically connected to the network of DOCOMO after returning to Japan. If not connected, perform the setting below.

- Set “Network Preferred mode” in “Network settings” (→P. 147) to “LTE/3G/GSM(Auto)” and “Searching Network Mode” to “Auto”.

# Charging a mobile device

---

Charging a mobile device ..... 160



# Charging a mobile device

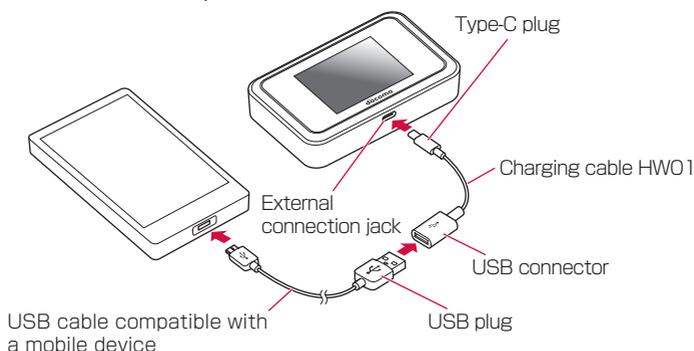
You can charge another mobile device connected to the terminal by using the power supply function of the terminal.

For corresponding models for power supply, refer to the NTT DOCOMO website.



## Connecting

This section describes the connection method of using the bundled charging cable HWO1 and a USB cable compatible with a mobile device.



- 1 Press  on the terminal for about 2 seconds to turn on power
- 2 Insert the Type-C plug of the charging cable straight into the external connection jack of the terminal
  - Do not forcibly insert it to the innermost part.The setting screens of the power supply mode and stop threshold are displayed.
- 3 Insert a USB cable compatible with a mobile device straight into the USB connector of the external connection jack of the terminal
  - Be sure of the orientation of the USB plug (front/back) and insert."
- 4 Insert the plug of the USB cable into the external connection jack of the mobile device
- 5 Set the power supply mode and stop threshold on the display of the terminal and tap  → "OK"
  - Power supply mode (Supply power and radio concurrent/Supply power only): Select "Supply power and radio concurrent" to use communication while charging or "Supply power only" to charge only without using communication.
  - Stop threshold (No limit/30%/50%): When the battery of the terminal falls below the set value, the power supply stops.The  icon is displayed in the status bar and the power supply starts.

**Information**

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- Use recommended cables for the USB cable compatible with a mobile device. See the NTT DOCOMO website for details about recommend cables.
  - Depending on the operating environment, the terminal may be overheated and the power supply may stop.
-



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# Menu listings

## Menu listing (Web browser)

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
Home				
URL	—	192.168.8.1	—	—
Language	English, 日本語 (Japanese)	日本語 (Japanese)	○	○
Connection Settings	—	<a href="http://hw-01h.home/html/mobilenet/worksettings.html">http://hw-01h.home/html/mobilenet/worksettings.html</a>	—	—
Log In				
Password	Up to 15 half-size characters	admin	—	—
Support	—	<a href="https://www.nttdocomo.co.jp/english/support/">https://www.nttdocomo.co.jp/english/support/</a>	—	—
User's Manual Download	—	<a href="https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html">https://www.nttdocomo.co.jp/english/support/trouble/manual/download/index.html</a>	—	—
My docomo (Japanese Only)	—	<a href="https://www.nttdocomo.co.jp/mydocomo">https://www.nttdocomo.co.jp/mydocomo</a>	—	—
Settings				
Quick setup				
Configure LAN Wi-Fi				
SSID	Up to 32 half-size characters	—	○	○
SSID Broadcast	Enable, Disable	Enable	○	○
Security (Encryption mode)	Open, WEP, WPA2-PSK(AES), WPA/WPA2-PSK(AES+TKIP)	WPA2-PSK (AES)	○	○
Password* <sup>1</sup>	Up to 64 half-size characters	—	○	○
Network key 1* <sup>2</sup>	—	—	○	○

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
Profile management				
Profile name	Up to 32 half-size characters	mopera U	<input type="radio"/>	<input type="radio"/>
APN	Up to 32 half-size characters	mopera.net	<input type="radio"/>	<input type="radio"/>
User name	Up to 32 half-size characters	—	<input type="radio"/>	<input type="radio"/>
Password	Up to 32 half-size characters	—	<input type="radio"/>	<input type="radio"/>
Authentication	Auto, PAP, CHAP	CHAP	<input type="radio"/>	<input type="radio"/>
IP type	IPv4, IPv6, IPv4&IPv6	IPv4	<input type="radio"/>	<input type="radio"/>
Public WLAN				
WLAN	Turn On, Turn Off	Turn Off	<input type="radio"/>	<input type="radio"/>
Priority	—	—	—	—
Mobile network				
PIN1 management				
Current PIN1 code status	—	Disable	—	—
PIN1 code operation	Enable, Disable, Modify	—	—	—
PIN1 code	4- to 8-digit number	—	—	—
New PIN1 code* <sup>3</sup>	4- to 8-digit number	—	—	—
Confirm PIN1 code* <sup>3</sup>	4- to 8-digit number	—	—	—
Remaining attempts	—	3	—	—
Network settings				
Network Preferred mode	LTE/3G/GSM(Auto), 3G/GSM, GSM	LTE/3G/GSM(Auto)	<input type="radio"/>	—
Searching Network Mode	Auto, Manual	Auto	<input type="radio"/>	—
Show data usage	On, Off	On	<input type="radio"/>	<input type="radio"/>
Max data usage				
Max data usage can be set and shown on the HW-01H (GB)	1 – 99	0	<input type="radio"/>	<input type="radio"/>
Reminder settings				
Remind when data usage reaches reminder threshold	Enable, Disable	Enable	<input type="radio"/>	<input type="radio"/>
Reminder threshold	1% – 100%	90%	<input type="radio"/>	<input type="radio"/>

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
LAN Wi-Fi				
Basic settings				
SSID	Up to 32 half-size characters	—	<input type="radio"/>	<input type="radio"/>
Security(Encryption mode)	Open, WEP, WPA2-PSK(AES), WPA/WPA2-PSK(AES+TKIP)	WPA2-PSK (AES)	<input type="radio"/>	<input type="radio"/>
Password	8- to 63-digit ASCII character or 64-digit hex number	—	<input type="radio"/>	<input type="radio"/>
Network key 1-4* <sup>2</sup>	—	—	<input type="radio"/>	<input type="radio"/>
Current network key* <sup>2</sup>	Network key 1 – 4	Network key 1	<input type="radio"/>	<input type="radio"/>
AP isolation	On, Off	Off	<input type="radio"/>	<input type="radio"/>
SSID Broadcast	Enable, Disable	Enable	<input type="radio"/>	<input type="radio"/>
Show password	On, Off	Off	—	—
Advanced settings				
Country adaptation	Enable, Disable	Enable	<input type="radio"/>	<input type="radio"/>
Country* <sup>4</sup>	(Listed items)	JAPAN	<input type="radio"/>	<input type="radio"/>
Wi-Fi mode	2.4G, 5G	2.4G	<input type="radio"/>	<input type="radio"/>
Channel	2.4G: Auto, 1-13 5G : Auto, 100, 104, 108, 112, 116, 120, 124, 128, 132, 136, 140	Auto	<input type="radio"/>	<input type="radio"/>
Network sleep	Enable, Disable	Enable	<input type="radio"/>	<input type="radio"/>
Time to sleep(Min)	10, 20, 30	10	<input type="radio"/>	<input type="radio"/>
Wi-Fi Bandwidth	2.4GHz: 20MHz, 20MHz/40MHz 5GHz: 20MHz, 20MHz/40MHz/80MHz	20MHz	<input type="radio"/>	<input type="radio"/>
Wi-Fi MIMO	SISO, MIMO	MIMO	<input type="radio"/>	<input type="radio"/>
Wi-Fi PMF	On, Off	Off	<input type="radio"/>	<input type="radio"/>
WPS settings				
WPS PIN	—	—	—	—
LAN Wi-Fi MAC filter				
LAN Wi-Fi MAC filter	Disable, Allow, Deny	Disable	<input type="radio"/>	<input type="radio"/>
MAC Address	10 number groupings, 00 – FF	—	<input type="radio"/>	<input type="radio"/>

Menu item/setting item		Setting range	Default value	Setting saved	
				Power off	Backup/restore
DHCP					
	IP address	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.1	<input type="radio"/>	<input type="radio"/>
	Subnet mask	0.0.0.0 - 255.255.255.255	255.255.255.0	<input type="radio"/>	<input type="radio"/>
	DHCP server	Enable, Disable	Enable	<input type="radio"/>	<input type="radio"/>
	Start IP address	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.100	<input type="radio"/>	<input type="radio"/>
	End IP address	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.200	<input type="radio"/>	<input type="radio"/>
	DHCP lease time (s)	86400 – 604800	86400	<input type="radio"/>	<input type="radio"/>
Router settings					
Firewall switch					
	Enable firewall	On, Off	On	<input type="radio"/>	<input type="radio"/>
	Enable IP address filter	On, Off	Off	<input type="radio"/>	<input type="radio"/>
	Disable WAN port ping	On, Off	On	<input type="radio"/>	<input type="radio"/>
LAN IP filter					
	LAN IP address	Class A: 1.0.0.0 - 126.255.255.254 Class B: 128.0.0.0 - 191.255.255.254 Class C: 192.0.0.0 - 223.255.255.254 and "*" wildcard	—	<input type="radio"/>	<input type="radio"/>
	LAN port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>

Menu item/setting item		Setting range	Default value	Setting saved	
				Power off	Backup/restore
	WAN IP address	Class A: 1.0.0.0 - 126.255.255.254 Class B: 128.0.0.0 - 191.255.255.254 Class C: 192.0.0.0 - 223.255.255.254 and "*" wildcard	—	<input type="radio"/>	<input type="radio"/>
	WAN port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>
	Protocol	TCP/UDP, TCP, UDP, ICMP	TCP/UDP	<input type="radio"/>	<input type="radio"/>
	Status	On, Off	Off	<input type="radio"/>	<input type="radio"/>
Port mapping					
	Name	Up to 30 half-size characters	—	<input type="radio"/>	<input type="radio"/>
	WAN port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>
	LAN IP address	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	—	<input type="radio"/>	<input type="radio"/>
	LAN port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>
	Protocol	TCP/UDP, TCP, UDP	TCP/UDP	<input type="radio"/>	<input type="radio"/>
	Status	On, Off	Off	<input type="radio"/>	<input type="radio"/>
Special applications					
	Name	Up to 30 half-size characters	—	<input type="radio"/>	<input type="radio"/>
	Status	On, Off	Off	<input type="radio"/>	<input type="radio"/>
	Trigger port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>
	Trigger protocol	TCP/UDP, TCP, UDP	TCP/UDP	<input type="radio"/>	<input type="radio"/>
	Open protocol	TCP/UDP, TCP, UDP	TCP/UDP	<input type="radio"/>	<input type="radio"/>
	Open port	1 – 65535	—	<input type="radio"/>	<input type="radio"/>
DMZ settings					
	DMZ status	Enable, Disable	Disable	<input type="radio"/>	<input type="radio"/>
	DMZ IP address	Class A: 1.0.0.1 - 126.255.255.254 Class B: 128.0.0.1 - 191.255.255.254 Class C: 192.0.0.1 - 223.255.255.254	192.168.8.100	<input type="radio"/>	<input type="radio"/>

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
SIP ALG settings				
Enable SIP ALG	On, Off	On	<input type="radio"/>	<input type="radio"/>
SIP port	1 – 65535	5060	<input type="radio"/>	<input type="radio"/>
UPnP settings				
UPnP status	Enable, Disable	Disable	<input type="radio"/>	<input type="radio"/>
NAT settings	Cone, Symmetric	Symmetric	<input type="radio"/>	<input type="radio"/>
System				
Device information	–	–	–	–
Backup and restore	–	–	–	–
Modify password	–	–	<input type="radio"/>	<input type="radio"/>
Current password	Up to 15 half-size characters	–	<input type="radio"/>	<input type="radio"/>
New password	Up to 15 half-size characters	–	–	–
Confirm password	Up to 15 half-size characters	–	–	–
Restore defaults	–	–	–	–
USB tethering	On, Off	On	<input type="radio"/>	–
Fast boot	On, Off	On	<input type="radio"/>	<input type="radio"/>
Online update	On, Off	On	<input type="radio"/>	<input type="radio"/>
Sleep mode remote wakeup	On, Off	On	<input type="radio"/>	<input type="radio"/>
Auto reboot				
Auto reboot	On, Off	Off	<input type="radio"/>	<input type="radio"/>
Interval(day)	1 – 30	30	<input type="radio"/>	<input type="radio"/>
Time	0 – 23	2	<input type="radio"/>	<input type="radio"/>
Reboot	–	–	–	–
Open source notice	–	–	–	–
Data Usage				
Network Data Usage	–	–	<input type="radio"/>	–
Connected Wi-Fi Clients	–	–	–	–

\*1 Displayed when “WPA2-PSK(AES)” or “WPA/WPA2-PSK(AES+TKIP)” is selected in “Security(encryption mode)”.

\*2 Displayed when “WEP” is selected in “Security(Encryption mode)”.

\*3 Displayed when “Change” is selected in “PIN1 code authentication settings”.

\*4 Able to set when “Disable” is selected in “Country adaptation”.

## Menu listing (on terminal)

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
Menu				
Power save settings				
Network sleep	On, Off	On	<input type="radio"/>	<input type="radio"/>
Time to sleep	10 min, 20 min, 30 min	10 min	<input type="radio"/>	<input type="radio"/>
Wi-Fi bandwidth	2.4GHz: 20MHz, 20MHz/40MHz 5GHz: 20MHz, 20MHz/40MHz/80MHz	20MHz	<input type="radio"/>	<input type="radio"/>
Wi-Fi MIMO	MIMO, SISO	MIMO	<input type="radio"/>	<input type="radio"/>
Brightness	Minimum (0%) to maximum (100%) (slider range)	50%	<input type="radio"/>	—
Screen off time	15 s, 30 s, 60 s, 120 s, 10 min	60 s	<input type="radio"/>	—
Connection guide	—	—	—	—
Wi-Fi				
Network sleep	On, Off	On	<input type="radio"/>	<input type="radio"/>
Time to sleep	10 min, 20 min, 30 min	10 min	<input type="radio"/>	<input type="radio"/>
Wi-Fi mode	2.4GHz, 5GHz	2.4GHz	<input type="radio"/>	<input type="radio"/>
Wi-Fi bandwidth	2.4GHz: 20MHz, 20MHz/40MHz 5GHz: 20MHz, 20MHz/40MHz/80MHz	20MHz	<input type="radio"/>	<input type="radio"/>
Wi-Fi MIMO	MIMO, SISO	MIMO	<input type="radio"/>	<input type="radio"/>
WPS	—	—	—	—
Public WLAN				
Public WLAN	On, Off	Off	<input type="radio"/>	<input type="radio"/>
Available networks	—	—	—	—
APN setting	—	mopera U	<input type="radio"/>	<input type="radio"/>
USB tethering	Charging only, Charging with standard functions	Charging with standard functions	<input type="radio"/>	—
Connected users				
Blocked users	—	—	<input type="radio"/>	<input type="radio"/>

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
Detailed settings				
LCD display				
Brightness	Minimum (0%) to maximum (100%) (slider range)	50%	<input type="radio"/>	—
Screen off time	15s, 30s, 60s, 120s, 10min	60s	<input type="radio"/>	—
Passcode lock				
Enable passcode lock	On, Off	Off	<input type="radio"/>	—
Network settings				
Preferred mode	LTE/3G/GSM(Auto), 3G/GSM, GSM	LTE/3G/GSM(Auto)	<input type="radio"/>	—
Search mode	Auto, Manual	Auto	<input type="radio"/>	—
PIN1 management	On, Off	Off	<input type="radio"/>	—
Language	English, 日本語 (Japanese)	日本語 (Japanese)	<input type="radio"/>	<input type="radio"/>
Time				
24-hour time	On, Off	On	<input type="radio"/>	—
Time zone	Auto, time zone for each country	Auto	<input type="radio"/>	<input type="radio"/>
Summer time*	On, Off	Off	<input type="radio"/>	—
Auto reboot				
Auto reboot	On, Off	Off	<input type="radio"/>	<input type="radio"/>
Interval(day)	1 – 30	30	<input type="radio"/>	<input type="radio"/>
Time	0 – 23	2	<input type="radio"/>	<input type="radio"/>
Sleep mode remote wakeup				
Sleep mode remote wakeup	On, Off	On	<input type="radio"/>	<input type="radio"/>
Show QR code	—	—	—	—
SSID & password				
SSID	Up to 32 half-size characters	—	<input type="radio"/>	<input type="radio"/>
Security(Encryption mode)	Open, WEP, WPA2-PSK(AES), WPA/WPA2-PSK(AES+TKIP)	WPA2-PSK (AES)	<input type="radio"/>	<input type="radio"/>
Password	8- to 63-digit ASCII character or 64-digit hex number	—	<input type="radio"/>	<input type="radio"/>

Menu item/setting item	Setting range	Default value	Setting saved	
			Power off	Backup/restore
Data usage				
Clear	—	—	—	—
Settings				
Show data usage on Home screen	On, Off	On	<input type="radio"/>	<input type="radio"/>
Max data usage	0 – 99	0	<input type="radio"/>	<input type="radio"/>
Remind when data usage reaches reminder threshold	On, Off	On	<input type="radio"/>	<input type="radio"/>
Reminder threshold	1% – 100%	90%	<input type="radio"/>	<input type="radio"/>
QR code				
Show QR code	—	—	—	—
Update				
Auto-check for updates	On, Off	On	<input type="radio"/>	<input type="radio"/>
Check for updates	—	—	—	—
About				
SSID & password	—	—	—	—
Device info	—	—	—	—
Caution on using Wi-Fi 5GHz	—	—	—	—

\* Displayed if a time zone that uses summer time is selected.

# Troubleshooting

- Check for the necessity of a software update first, and update the software if necessary.  
→P.184
- If checking the following items does not resolve the issue, contact “Technical Inquiries & Repairs” on the rear cover of this manual (in Japanese only) or a repair counter specified by DOCOMO.

## ■ Power supply and charging symptoms

Trouble	Check and remedy	Refer to
The terminal cannot be turned ON	Is the battery pack installed correctly?	P.24
	Is the battery exhausted?	P.28, P.29
The screen freezes, the terminal cannot be turned OFF	<p>The terminal can be force-shutdown if the screen freezes or the terminal cannot be turned OFF.</p> <p><b>■ To force-shutdown the terminal</b> Press  for about 10 seconds.</p> <p>* Caution: Forcing the terminal to be turned off may cause data, settings, etc. to be erased.</p>	—
Cannot charge the terminal	Is the battery pack installed correctly?	P.24,
	<ul style="list-style-type: none"> <li>• Is the power plug of the AC adapter inserted to the outlet correctly?</li> <li>• If using the AC adapter, are the USB connector on the AC adapter and the USB cable connected firmly?</li> <li>• Is the computer turned on when connected to the computer by the USB cable for charging?</li> <li>• Charging may stop due to the terminal overheating, as when using the terminal for communication or using other functions while charging. If charging stops, wait for the terminal to cool down then try charging again.</li> </ul>	P.28, P.29

## ■ Terminal operation symptoms

Trouble	Check and remedy	Refer to
The terminal, etc. becomes hot while operating/charging	While operating or charging the terminal, the terminal, battery pack, or adapter may become hot. This is not an operation problem, and you can continue to use it.	—
The operation time provided by the battery pack is short	<ul style="list-style-type: none"> <li>• Is the terminal left for a long time out of service area? Out of service area, a lot of power is consumed to search for available radio waves.</li> <li>• The operation time provided by the battery pack varies by the operating environment and battery pack's deterioration.</li> <li>• The battery pack is a consumable part. Each time it is charged, available time with each charging reduces. If the operation time is extremely short, even in a fully charged state, purchase a new battery pack of the specified type.</li> </ul>	P.26
Power turns off or restarting automatically happens	If the contacts on the battery pack are dirty, connection may be poor and the power may shut OFF. If they are dirty, clean with a dry cotton swab.	—

## ■ Terminal not recognized

Trouble	Check and remedy	Refer to
The terminal is not recognized by the PC connected with the USB cable	<ul style="list-style-type: none"> <li>• Check if this terminal is correctly connected to the PC with the USB cable.</li> <li>• Remove the USB cable from the PC, restart the PC and reconnect.</li> <li>• Are you using a USB HUB? Using a USB HUB may prevent normal operation.</li> <li>• Check that the terminal is connected to the computer correctly.</li> </ul>	P.74, P.80, P.88

## ■ docomo mini UIM card symptoms

Trouble	Check and remedy	Refer to
The docomo mini UIM card is not recognized	Is the docomo mini UIM card inserted in correct direction?	P.21

## ■ Connection and communication symptoms

Trouble	Check and remedy	Refer to
Cannot connect Wi-Fi devices	Check that the Wi-Fi function on the terminal and Wi-Fi devices is on. Check the instructions for your Wi-Fi device for whether the specifications of your Wi-Fi device support the terminal.	P.39
	Check whether the correct password (security key) is entered. To display the password (security key) on the terminal's touch panel, in the terminal's home screen, tap "About" → "SSID & password". If "WPA2-PSK(AES)" or "WPA2-PSK(AES+TKIP)" is set as the encryption mode, check the instructions for your Wi-Fi device for whether your Wi-Fi device supports the WPA or WPA2-PSK encryption mode.	P.38, P.140
Cannot connect to the Internet	Check that a signal reaches to within the service area. The network may also be busy depending on the time, so try connecting again after a while.	—
	Start up the docomo HW-01H Setting Tool, and check that the profile management, mobile network, and network settings are configured correctly. When  (Internet connection) is not displayed, the terminal cannot be connected to the Internet.	P.32, P.99, P.103, P.105,
Even when an access point compatible with LTE is selected, "3G" is displayed for the type of network	When the access point that cannot connect to the Internet is selected, "3G" is displayed. Start up the docomo HW-01H Setting Tool to check if the profile of the access point is set properly. <ul style="list-style-type: none"> <li>• Even if the correct access point is reselected, the terminal cannot be connected to LTE for about one hour after connecting to the access point. To use LTE immediately, reboot the terminal.</li> </ul>	P.99
	Make sure that "Preferred mode" in "Network settings" is set to "LTE/3G/GSM (Auto)".	P.105, P.147

Trouble	Check and remedy	Refer to
Cannot start up the docomo HW-01H Setting Tool	<p>A router or other device located in your home LAN and the terminal may have the same private IP addresses. To check the terminal's private IP address, in the home screen, tap "About" → "Device info", and you can check on "LAN IP address".</p> <p>You can log in to the docomo HW-01H Setting Tool by turning on the terminal with power to the router or other device turned off.</p> <p>To use your router or other device at the same time as the terminal, manually change the private IP address for the terminal. After changing the address, enter "http://(private IP address for the terminal)/" or "http://hw-01h.home" in the entry box in the browser to enable you to start up the docomo HW-01H Setting Tool.</p>	P.113, P.140
	<p>Are you connecting with the SSID2 while turning the multiple SSID function on? When the terminal is connected with the SSID2, the docomo HW-01H Setting Tool cannot be started up. Reconnect to the SSID1.</p>	P.108
Communication is disconnected easily or communication speed seems slow	<ul style="list-style-type: none"> <li>• Signal conditions may not be adequate. Change a location where signal conditions are adequate.</li> <li>• If the terminal and a computer or other device are connected by Wi-Fi or USB cable, use the following steps. If the issue is still not resolved, remove the USB cable and restart the computer or other device, and connect the terminal again. <ul style="list-style-type: none"> <li>- If the terminal and a computer or other device are connected by Wi-Fi, turn the terminal off and then back on.</li> <li>- If the terminal and a computer or other device are connected by USB cable, remove the terminal from the computer or device and then reconnect it.</li> <li>- Line conditions may not be adequate. Try again after a period of time.</li> </ul> </li> </ul>	—
The installer does not start up automatically after connecting the terminal to a computer	<p>Time may be required to prepare for installation after the system recognizes new hardware.</p> <p>If the installer does not start up automatically after a certain period of time, start up the installer manually.</p>	P.80
	<p>When drivers for data communication terminal made by HUAWEI are already installed, retry after uninstalling them.</p>	P.83, P.88

## ■ Overseas use symptoms

Trouble	Check and remedy	Refer to
The terminal cannot be used overseas (antenna icon displayed)	Have you applied to WORLD WING? Check the status of your WORLD WING application.	P.156
The terminal cannot be used overseas (When the icon indicating out of service area is displayed)	Are you outside the service area for international roaming, or in a location with weak signals? Check whether the service area or network operator is usable on the NTT DOCOMO website.	P.105, P.156
	Try changing the network settings or network operator settings. Set the preferred mode in Network settings to "LTE/3G/GSM (Auto)". Set the search mode for network operator to "Auto".	P.105, P.158
	Communication is sometimes restored by turning the terminal off and then back on.	P.30
The working terminal in overseas suddenly stopped working	Have you exceeded the maximum charge limit for use? A maximum charge limit for use is set before using "international roaming service (WORLD WING)". If you have exceeded the maximum charge limit for use, pay the accumulated charges.	—

## ■ Other

Trouble	Check and remedy	Refer to
<p>Cannot determine if logged in with administrator privileges</p>	<p><b>■ Windows 10 users</b></p> <ol style="list-style-type: none"> <li>① Right-click  on the lower left of the desktop, and click "コントロールパネル (Control panel)" and display the "コントロールパネル (Control panel)" screen.</li> <li>② Click "ユーザーアカウント (User accounts)" → "ユーザーアカウント (User accounts)".</li> <li>③ Check the current login username and type of account displayed at the right of the screen. When the account type is "Administrator", you have logged in with administrator privileges, and the terminal can be setup.</li> </ol> <p><b>■ Windows 8.1 users</b></p> <ol style="list-style-type: none"> <li>① Point with the mouse to the upper right of the desktop, and click  (Settings) in the Charms bar.</li> <li>② Click "コントロールパネル (Control panel)" and display the "コントロールパネル (Control panel)" screen.</li> <li>③ Click "ユーザーアカウントとファミリーセーフティ (User accounts &amp; family safety)" → "ユーザーアカウント (User accounts)".</li> <li>④ Check the current login username and type of account displayed at the right of the screen. An "Administrator" account type indicates login with administrator privileges, and that setup can be complete for the terminal.</li> </ol> <p><b>■ Windows 7 users</b></p> <ol style="list-style-type: none"> <li>① Click "スタート (Start)" → "コントロール パネル (Control panel)", and display the "コントロール パネル (Control panel)" screen.</li> <li>② Click "ユーザー アカウントと家族のための安全設定 (User account and family safety settings)", and in the next screen click "User account". If "ユーザー アカウントと家族のための安全設定 (User account and family safety settings)" is not displayed, click "ユーザーアカウント (User account)".</li> <li>③ Check the current login username and type of account displayed at the right of the screen. An "Administrator" account type indicates login with administrator privileges, and that setup can be completed for the terminal.</li> </ol>	<p>—</p>

## Error messages

### ■ Messages displayed on a Web browser (docomo HW-01H Setting Tool)

Trouble	Check and remedy	Refer to
The SIM card has not been detected or is invalid.	The docomo mini UIM card is not installed. Install the docomo mini UIM card.	P.21
Please input PIN unlock code. Failed to input PIN1 code for 3 times. Please input PIN unlock code.	Displayed when the PIN1 code is locked. Enter the PIN Unlock Key (PUK) and the new PIN1 code from the docomo HW-01H Setting Tool or the terminal's touch panel.	P.23, P.104
HW-01H is locked because user failed to input correct PIN unlock code for 10 times. Please contact DOCOMO shop or DOCOMO information center with your DOCOMO mini UIM card and ID documents such as driver's license.	Because the PIN Unlock Key (PUK) was entered incorrectly 10 times in a row, the docomo mini UIM card is locked. Inquire at a docomo Shop Service Counter.	P.23
Please lock the screen on HW-01H.	When the touch panel of the terminal is displayed, you cannot login to the docomo HW-01H Setting Tool. Press  to turn the display off.	P.20
Incorrect password. Failed to login for 3 times. HW-01H setting tool has been locked. Please try again after about 3 minutes.	Because the login password entry failed three times, the docomo HW-01H Setting Tool is locked. Retry after about 3 minutes.	—
No available network.	There are no access points that the terminal can connect. Try again from a different location.	—
Registration failed.	PIN code is entered incorrectly or connection is timed out. Check the PIN code of your Wi-Fi device and set within the connection time.	—

## ■ Messages displayed on the touch panel of the terminal

Trouble	Check and remedy	Refer to
No SIM or invalid SIM card	The docomo mini UIM card is not installed. Install the docomo mini UIM card.	P.21
Please input PIN1 code to unlock SIM card.	PIN1 operation is enabled, and the terminal is waiting for the PIN1 code to be entered. Enter the PIN1 code from the docomo HW-01H Setting Tool or the terminal's touch panel.	P.104
Failed to input PIN1 code for 3 times. Please input PIN unlock code.	Displayed when the PIN1 code is locked. Enter the PIN Unlock Key (PUK) and the new PIN1 code from the docomo HW-01H Setting Tool or the terminal's touch panel.	P.23, P.104
PIN unlock code locked	The PIN Unlock Key (PUK) was entered incorrectly 10 times in a row, locking the the docomo mini UIM card. Inquire at a docomo Shop Service Counter.	P.23
Overheating! Suppressing throughput to reduce the temperature. Throughput is suppressed while  is displayed.	Displayed when the terminal reaches a high temperature, and the communication speed becomes slow. Wait for the terminal to reach a lower temperature.	—
Overheating! Network is disconnected to reduce the temperature. You cannot make a data communication while  is displayed.	Displayed when the terminal reaches a high temperature, and disconnects from a network. Wait for the terminal to reach a lower temperature.	—
Overheating. Will now power off.	The terminal has reached a high temperature during charging, or when connected by USB cable to a computer, etc. The terminal is turned off automatically a few seconds after the error message is displayed. Remove the USB cable and wait for the terminal to reach a lower temperature.	—
Out charging stopped because temperature was too high.	Displayed when the terminal reaches a high temperature, and the power supply stops. Wait for the terminal to reach a lower temperature.	P.159
Out charging stopped because battery was lower than stop Threshold settings.	Displayed when the remaining battery level of the terminal falls below the value set in "Stop threshold", and the power supply stops. Charge the terminal's battery pack, and supply the power again.	P.159

Trouble	Check and remedy	Refer to
Out charging can't support this device.	Displayed when a device not compatible with the power supply from the terminal is connected.	P.159
Extremely low battery level. HW-01H will power off now.	The terminal is turned off automatically a few seconds after the error message is displayed, when the battery level becomes 2%. Charge the battery pack, and turn the power on.	P.28, P.29
Battery error or battery missing. Please make sure you have installed your battery properly.	A problem with the battery pack occurred during charging with the USB cable. Check whether the battery pack is installed correctly. If displayed when the battery pack is installed correctly, inquire at a docomo Shop Service Counter.	P.24
Failed to save the settings. Please try again later.	Displayed if the next settings are done while saving changed setting contents. Wait for 30 seconds, and perform the settings again.	—
External connection jack of HW-01H has reached to excessive temperature. In order to lower the temperature, external connection jack has been disabled. Please contact repair counter specified by DOCOMO.	Displayed when the terminal reaches a high temperature, and the external connection jack is invalid. Wait for the terminal to reach a lower temperature and remove the connected cables. Then remove and attach the battery pack before start using the terminal. If the problem still persists, inquire at a docomo Shop Service Counter.	—

# Warranty and after-sales service

## Warranty

- The terminal is provided with a written warranty. Make sure that you receive it. Check the written contents and items such as “販売店名・お買い上げ日 (Shop name/date of purchase)” and keep it in a safe place. If it does not contain the necessary information, immediately contact the shop where you bought it. The warranty is valid for a period of one year from the date of purchase.
- Specifications and appearance of the terminal including accessories are subject to change for the sake of improvement without prior notice.

\* The battery pack HW08, the back cover HW11, the USB cable HW05 and the charging cable HW01 are not covered by the warranty.

## After sales services

### When problems occur

Before requesting repair, read the section on “Troubleshooting” in this manual. If the problem still persists, contact “Technical Inquiries & Repairs” on the rear cover of this manual (in Japanese only).

### If the result of inquiries indicates that a repair is required

Take the terminal to a repair counter specified by DOCOMO. Be sure to check the opening hours of the counter before you go. The warranty must be presented to receive warranty service. Note that, repair may take longer time depending on the state of damage.

#### In the warranty period

- The terminal is repaired at no charge subject to the conditions of the warranty.
- The warranty must be presented to receive warranty service. Repair requests that are not accompanied by the warranty or that involve malfunction and damage due to incorrect handling by the owner (damage of external connection jack, touch panel, etc.) or that you have repaired by other than a repair counter specified by DOCOMO will only be repaired at the owner's expense, even if the warranty period is still effective.
- The subscriber is charged even during the warranty period for the repair of failures caused by the use of devices or consumable items that are not DOCOMO-specified.

#### Repairs may not be possible in the following cases.

- When corrosion due to moisture, condensation, perspiration, etc. is determined, or if any of the internal boards are damaged or deformed (repairs may not be possible if external connection jack or touch panel is damaged, or the terminal outer case is cracked)
- If you have repaired by other than a repair counter specified by DOCOMO

\* Even if repair is possible, since these conditions are outside the range of the warranty, repair is at cost.

#### After expiration of the warranty

All repairs that are requested are at cost.

## ■ Replacement parts

Replacement parts (parts required to maintain the product functions) are basically kept in stock for at least 4 years after termination of production. However, repair may not be possible due to lack of repair parts, etc.

Note that repair may still be possible depending on the defective portion even if the stock period has expired.

For details, contact "Technical Inquiries & Repairs" on the rear cover of this manual.

## ■ Notes

- Do not modify the terminal or its accessories.
  - May cause fire, injuries or malfunction.
  - The modified terminal may be repaired only if the owner agrees on that all the modified parts are restored to the original conditions. However, repairs may be refused depending on the modifications.

The following cases may be regarded as modifications.

    - A sticker etc. is put on the touch panel or buttons
    - The terminal is decorated with adhesive material etc.
    - Exteriors are replaced with other than DOCOMO genuine parts
  - Repair of failures and damage caused by modification are at cost even during the warranty period.
- Do not remove the nameplate sticker attached to the terminal.

The nameplate sticker certifies that the terminal satisfies technical standards. Note that if the sticker is intentionally removed or replaced with a different sticker, such that the original nameplate sticker cannot be verified, the terminal may be exempt from repair servicing due to inability to determine its compliance with the technical standards.
- Function settings and information may be cleared (reset) by malfunctions, repair or other handling of the terminal. Should that happen, set up the functions again.
- If repair is carried out, MAC address for Wi-Fi, and Bluetooth address may be changed regardless of malfunction part.
- Magnetic components are used in the following parts of the terminal. Do not allow cash cards or other devices that are vulnerable to magnetism to come into contact with the terminal.

Part: Touch panel top
- If inside of the terminal gets wet or moist, turn the power OFF, remove the battery pack immediately, and bring the terminal to a repair counter as soon as possible. However, repair may not be possible depending on the condition of the terminal.

## Software update

This function allows you to connect the network and check if a software in the terminal needs to be updated. If a software update is necessary, it downloads software to update.

If a software update is necessary, check  (Software update) on the menu icon of the terminal's home screen, the docomo HW-01H Setting Tool or the terminal's software update menu, or the NTT DOCOMO website.

Software update includes the following contents. To use the terminal in safety and more comfortably, be sure to upgrade to the latest version.

- Improving and adding functions
- Operability enhancement
- Improving quality
- Security patch update
- Updating software can be done with data saved in the terminal; note that data may not be always safe depending on the conditions of your terminal (such as malfunction, damage, or water leak). DOCOMO recommends backing up the necessary data in advance.

## Precautions

- The HW-01H connects to the network every 7 days to check whether a software update is required. If updated software is available, a message is displayed on the terminal's LCD.
  - You can also check easily whether there is updated software using the docomo HW-01H Setting Tool or the terminal. →P.185, P.186
- When a software update is performed, restoring the previous software is not possible.
- When updating software, the HW-01H's unique information (model, serial number, etc.) is sent to DOCOMO's server. DOCOMO does not use the sent information for purposes other than for software update.
- Packet communication (fee chargeable) occurs when updating software.
- For software updates using packet communication, docomo mini UIM card is required. For using packet communication, depending on the software update contents, subscription to mopera U may be required.
- You cannot use the communication functions or any other functions during a software update.
- During installation, all key operations become disabled and installation cannot be canceled on the way.
- After the software update is complete, the terminal restarts.
- When the software update is performed, some settings are initialized. Make the settings again.
- When PIN code is set, the PIN code entry screen appears during resetting after rewriting and you need to enter PIN code.
- If software update is failed and all operations become disabled, please contact a repair counter specified by DOCOMO.
- Software update may take time.
- Software cannot be updated in the following cases.
  - When communicating
  - When the icon indicating out of service area is displayed
  - The date and time are not set correctly
  - When there is not enough battery level required for software update
  - When the basic software is illegally altered
  - During international roaming

- Perform it with the battery in the terminal fully charged.
- Do not turn off the terminal or remove the battery pack while updating.
- Stay in a place with strong signal conditions when updating software. Software update may be canceled if the signal conditions are not adequate.
- If update is not needed, "This version is up-to-date." appears.

## ■ Checking the available software update with the docomo HW-01H Setting Tool

You can check whether a software update is available with the docomo HW-01H Setting Tool. Examples from PC operation are used for steps.

- Start the docomo HW-01H Setting Tool screen beforehand. →P.91

### 1 In the menu list, click “Settings” → “System” → “Online update”

If a software update is available, a message is displayed for the available update as well as information such as version and size.



### ■ Software update operation

The software update operation is performed using HW-01H. →P.186

## Updating software with the terminal

**1** In the home screen, tap “Menu” → “Update”

■ To set whether to automatically check for software updates

**1** Tap  /  for “Auto-check for updates”

■ To update software immediately

**1** In the software update screen, tap “Check for updates”

The terminal checks whether an update is available.

- If no update is required, “Current version is the latest version.” is displayed. Tap “OK” →  to return to the home screen.

**2** Tap “Update”

The terminal restarts automatically, and the software update continues.

Once the download succeeds, the terminal restarts again.

# Main specifications

## ■ Terminal

Product name		HW-01H
Size (H×W×D)		Approx. 64 mm×Approx. 100 mm×Approx. 22 mm
Weight		Approx. 173 g (including battery pack)
Continuous communication time* <sup>1</sup>	PREMIUM 4G	Approx. 18 hr (3 CA) / Approx. 18 hr (2 CA)
	LTE	Approx. 20 hr
	3G (W-CDMA/HSDPA/HSUPA)	Approx. 15 hr
Continuous stand-by time * <sup>1</sup>	LTE	Approx. 1810 hr
	3G (W-CDMA/HSDPA/HSUPA)	Approx. 1810 hr
Charging time	AC adapter HW06	With power off: Approx. 185 min.
	AC adapter 03	With power off: Approx. 350 min. (With the USB cable HW05)
	USB cable HW05	With power off: Approx. 390 min.
Touch panel		Type: TFT Color development: 262,144 colors Resolution: horiz. 320 pixels × vert. 240 pixels (QVGA) Approx. 2.4 inches
Communication method		WAN : LTE/W-CDMA/HSDPA Wireless LAN : IEEE802.11a/n/ac (5GHz band* <sup>2</sup> ), IEEE802.11b/g/n (2.4GHz band)
Communication speed* <sup>3</sup>	Wireless LAN	IEEE802.11a : 54Mbps (5GHz band* <sup>2</sup> ) IEEE802.11b : 11Mbps (2.4GHz band) IEEE802.11g : 54Mbps (2.4GHz band) IEEE802.11n* <sup>4</sup> : 300Mbps (5GHz band* <sup>2</sup> , 2.4GHz band) IEEE802.11ac* <sup>4</sup> : 867Mbps (5GHz band* <sup>2</sup> )
	PREMIUM 4G	Packet communication: Receiving maximum 370Mbps (3 CA)* <sup>5</sup> / 262.5Mbps (2 CA)* <sup>5</sup> Sending maximum 50Mbps* <sup>5</sup>
	LTE	Packet communication: Receiving maximum 150 Mbps* <sup>5</sup> Sending maximum 50 Mbps* <sup>5</sup>
	3G	Packet communication: Receiving maximum 14 Mbps Sending maximum 5.7 Mbps

Compatible frequencies	WLAN	2400MHz – 2483.5MHz (13 ch in total), 5180MHz - 5320MHz, 5500MHz - 5700MHz
	FDD-LTE	Band 1 (2.0GHz), band 3 (1.7GHz), band 19 (800MHz), band 21 (1.5GHz)
	PREMIUM 4G	Band 1 (2.0GHz) + band 21 (1.5GHz) Band 19 (800MHz) + band 3 (1.7GHz) Band 1 (2.0GHz) + band 19 (800MHz) Band 1 (2.0GHz) + band 19 (800MHz) + band 21 (1.5GHz) Band 1 (2.0GHz) + band 42 (3.5GHz) + band 42 (3.5GHz) Band 3 (1.7GHz) + band 42 (3.5GHz) + band 42 (3.5GHz)
	FOMA	Band 1 (2GHz), band 6 (800MHz), band 19 (800MHz)
Bluetooth function	Version	4.0
	Output	power class 2
VPN protocol		ALG (IPSec, L2TP, PPTP), VPN multiple passthrough* <sup>6</sup>
Number of connectable devices		10 (single AP)/9 (STA-AP)
Default port restrictions		None
Power supply function	Voltage	DC 5.0V
	Electric current	rating 1.0A/max. 1.8A
Interface		USB 3.0 (Type-C connector)

\*1 Continuous communication time and continuous stand-by time differ with the operating environment and the condition of the signal condition. The continuous stand-by time is measured with the default state and with no devices connected to HW-01H via Wi-Fi.

\*2 When using the multiple SSID function, the 5 GHz band is unavailable.

\*3 Communication speeds are limits as per technical specifications for sending/receiving, and do not indicate actual communication speeds. Service is provided on a best-effort basis, and actual communication speeds vary according to communication environment and network traffic.

\*4 Compatible with MIMO.

\*5 Limited to certain LTE service areas.

\*6 The VPN multiple passthrough function is always activated. The number of simultaneous connection is up to 10 devices.

The communication with multiple IPsec devices/PPTP clients for a IPsec device/PPTP server is available. When the access from the IPsec device/PPTP client of WAN is received by the IPsec device/PPTP server of LAN, only one IPsec device/PPTP server can connect to the terminal. The port mapping setting on the terminal is also required.

## Information

- Inside a FOMA high-speed service area (while outside a LTE service area), communication is at up to 14 Mbps receiving / up to 5.7 Mbps sending.
- Even within LTE service areas and FOMA high-speed service areas, both sending/receiving may be at up to 384 kbps depending on location.
- Inside a FOMA service area (outside a LTE service area and FOMA high-speed service area), both sending/receiving are at up to 384 kbps.
- Communication speeds as per specifications due to LTE service area bandwidth are, for receiving speed (bandwidth [60/40/30/20/15/10/5 MHz]): 370/300/225/150/112.5/75/37.5 Mbps, for sending speed (bandwidth [20/15/10/5 MHz]): 50/37.5/25/12.5 Mbps.
- See the NTT DOCOMO website for details on LTE service areas.

### ■ Battery pack

Product name	Battery pack HW08
Battery used	Li-ion battery
Nominal voltage	3.8 V
Nominal capacity	4750 mAh

### ■ AC adapter

Product name	AC adapter HW06
Power supply	AC 100 V – 240 V 50/60 Hz
Input current	Maximum 0.5 A
Output voltage/current	5.0 V/2.0 A
Operating temperature range	0°C – 35°C
Size	Approx. 22 mm × Approx. 38 mm × Approx. 64 mm

### ■ USB cable

Product name	USB cable HW05
Cable length (including connector)	Approx. 1000 mm

### ■ Charging cable

Product name	Charging cable HW01
Cable length (including connector)	Approx. 100 mm

## Specific Absorption Rate (SAR) of Mobile Terminals

This model [HW-01H] device complies with Japanese technical regulations and international guidelines regarding exposure to radio waves.

This device was designed in observance of Japanese technical regulations regarding exposure to radio waves\*<sup>1</sup> and limits to exposure to radio waves recommended by a set of equivalent international guidelines. This set of international guidelines was set out by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), which is in collaboration with the World Health Organization (WHO), and the permissible limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health condition.

The technical regulations and international guidelines set out limits for radio waves as the Specific Absorption Rate, or SAR, which is the value of absorbed energy in any 10 grams of tissue over a 6-minute period. The SAR limit for mobile terminals is 2.0 W/kg. The highest SAR value for this device when tested for intended use described in the instruction manual is 0.371 W/kg\*<sup>2</sup>. There may be slight differences between the SAR levels for each product, but they all satisfy the limit.

The actual SAR of this device while operating can be well below that indicated above. This is due to automatic changes to the power level of the device to ensure it only uses the minimum required to reach the network. Therefore in general, the closer you are to a base station, the lower the power output of the device.

During communication, please keep the device farther than 1.5 cm away from your body without including any metals. This device satisfies the technical regulations and international guidelines.

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

Please refer to the WHO website if you would like more detailed information.

[http://www.who.int/docstore/peh-emf/publications/facts\\_press/fact\\_english.htm](http://www.who.int/docstore/peh-emf/publications/facts_press/fact_english.htm)

Please refer to the websites listed below if you would like more detailed information regarding SAR.

Ministry of Internal Affairs and Communications Website:

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

Association of Radio Industries and Businesses Website:

<http://www.arib-emf.org/01denpa/denpa02-02.html> (in Japanese only)

NTT DOCOMO, INC. Website:

<https://www.nttdocomo.co.jp/english/product/sar/>

[HUAWEI TECHNOLOGIES, JAPAN] Website:

<http://consumer.huawei.com/jp/mobile-broadband/support/information/hw-01h-jp.htm>  
(in Japanese only)

\*1 Technical regulations are defined by the Ministerial Ordinance Related to Radio Law (Article 14-2 of Radio Equipment Regulations).

\*2 Including other radio systems that can be simultaneously used with Xi/FOMA.

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# FCC Regulatory Compliance

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## RF exposure requirements

Important safety information regarding radio frequency (RF) radiation exposure: RF exposure guidelines require that the device be used at a minimum of 1 cm from the human body. Failure to observe this guideline may result in RF exposure exceeding limits.

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## Certification information (SAR)

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission (USA).

The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue. The highest SAR value reported to the FCC for this device type complies with this limit.

The highest SAR value reported to the FCC for this device type when properly worn on the body is 1.50 W/kg.

**FCC ID: QISHW-01H**

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## FCC statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

**Caution:** Any changes or modifications to this device not expressly approved by Huawei Technologies Co., Ltd. for compliance could void the user's authority to operate the equipment.

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## Disposal and Recycling Information



This symbol (with or without a solid bar) on the device, batteries (if included), and/or the packaging, indicates that the device and its electrical accessories (for example, a headset, adapter, or cable) and batteries should not be disposed of as household garbage. These items should not be disposed of as unsorted municipal waste and should be taken to a certified collection point for recycling or proper disposal.

For more detailed information about device or battery recycling, contact your local city office, household waste disposal service, or retail store.

Disposal of the device and batteries (if included) is subject to WEEE Directive Recast (Directive 2012/19/EU) and Battery Directive (Directive 2006/66/EC). The purpose of separating WEEE and batteries from other waste is to minimize the potential environmental impacts and human health risk of any hazardous substances that may be present.

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## Reduction of Hazardous Substances

This device is compliant with the REACH Regulation [Regulation (EC) No 1907/2006] and RoHS Directive Recast (Directive 2011/65/EU). Batteries (if included) are compliant with the Battery Directive (Directive 2006/66/EC). For up-to-date information about REACH and RoHS compliance, please visit the web site <http://consumer.huawei.com/certification>.



# EU Regulatory Conformance



## RF exposure requirements

Important safety information regarding radio frequency (RF) radiation exposure: RF exposure guidelines require that the device be used at a minimum of 1.5 cm from the human body. Failure to observe this guideline may result in RF exposure exceeding limits.



## Certification information (SAR)

This device meets guidelines for exposure to radio waves. Your device is a low-power radio transmitter and receiver. As recommended by international guidelines, the device is designed not to exceed the limits for exposure to radio waves. These guidelines were developed by the International Commission on Non-Ionizing Radiation Protection (ICNIRP), an independent scientific organization, and include safety measures designed to ensure the safety of all users, regardless of age and health. The Specific Absorption Rate (SAR) is the unit of measurement for the amount of radio frequency energy absorbed by the body when using a device. The SAR value is determined at the highest certified power level in laboratory conditions, but the actual SAR level during operation can be well below the value. This is because the device is designed to use the minimum power required to reach the network. The SAR limit adopted by Europe is 2.0 W/kg averaged over 10 grams of tissue, and the highest SAR value for this device complies with this limit. The highest SAR value reported for this device type when tested in portable exposure conditions is 0.54 W/kg.



## Statement

Hereby, Huawei Technologies Co., Ltd. declares that this device is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC. For the declaration of conformity, visit the web site <http://consumer.huawei.com/certification>. The following marking is included in the product:

CE0682

This device may be operated in all member states of the EU. Observe national and local regulations where the device is used. This device may be restricted for use, depending on the local network.

### Restrictions in the 2.4 GHz band:

**Norway:** This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund.



# Export controls and regulations

The terminal and its accessories may be subject to Japanese export administration regulations (“Foreign Exchange and Foreign Trade Act” and related laws and regulations). They are also subject to US Export Administration Regulations. When exporting or re-exporting the terminal and its accessories, complete necessary procedures as your responsibility and at your expense. For details, contact the Ministry of Economy, Trade and Industry of Japan or the US Department of Commerce.

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# Intellectual property rights

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## Copyrights and portrait rights

Contents copyrighted by third parties such as images you obtained using the terminal are prohibited from being reproduced, transformed, or publicly transmitted without the consent of the copyright holders, unless they are reproduced, quoted, etc. for personal use as permitted by copyright laws. You should also refrain from posting the portraits of other persons you obtained using the terminal to Internet websites, etc. without their consent, where portraits are accessible by the general public and may infringe on portrait rights.

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## Windows abbreviations

The abbreviations of operating systems (Japanese versions) below are used in this manual.

- Windows 10 stands for Microsoft® Windows® 10 Operating System (Pro, Home, Enterprise, Education).
- Windows 8.1 stands for Microsoft® Windows® 8.1 Operating System (Pro, Enterprise).
- Windows 7 stands for Microsoft® Windows® 7 (Starter, Home Basic, Home Premium, Professional, Enterprise, Ultimate).

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## SIM-unlocking

This terminal supports SIM-unlocking. If you SIM-unlock the terminal, you can use a SIM card from a carrier other than NTT DOCOMO.

- With UIM other than by DOCOMO, available services and functions may be limited. DOCOMO is not liable to any failures or malfunctions.
- For details of SIM-unlocking procedure, refer to the NTT DOCOMO website.

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### Information

- SIM-unlocking service is provided at a docomo Shop.
  - A SIM-unlocking charge is separately required.
  - Note that several days are required for SIM-unlocking a terminal.
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## Online Procedures, Confirmation of Subscription, etc.

**PC My docomo (<https://www.nttdocomo.co.jp/mydocomo/>) →**

**"ドコモオンライン手続き (docomo online procedures)" (in Japanese only)**

- There are cases where the site may not be available depending on system maintenance or subscription, etc.
- You need "Network security code" and "ID/Password" to follow the procedure for "ドコモオンライン手続き (docomo online procedures)".

## Mobile manners

**Take care not to disturb those around you when using the terminal.**

Always turn the terminal off in these situations.

### ■ Where use is prohibited

When on board an airplane or in a hospital, follow the instructions of the airline or hospital. Turn the terminal off where use is prohibited.

### ■ While driving

Using the terminal held in your hand while driving is punishable by law. However, this does not apply in unavoidable circumstances such as the rescue of injured/sick persons, upholding of public safety, etc.

### ■ When in a public place such as a theater, museum, etc.

Using the terminal in a public place where quietness is the norm disturbs others.



携帯電話・PHS・充電器  
回収プログラム

DOCOMO accepts used cell phones or other devices, regardless of manufacturer. Bring to your nearest docomo Shop.

\* Collected: cell phones (keitai or PHS), battery packs, chargers, desktop holders (collected regardless of DOCOMO or other manufacturer)

**General Inquiries**  
<docomo Information Center>

 **0120-005-250 (toll free)**

- \* Service available in: English, Portuguese, Chinese, Spanish, Korean.
- \* Unavailable from part of IP phones.

**(Business hours : 9:00 a.m. to 8:00 p.m.)**

■ **From DOCOMO mobile phones (In Japanese only)**

 **(No prefix) 151 (toll free)**

- \* Unavailable from land-line phones, etc.

■ **From land-line phones (In Japanese only)**

 **0120-800-000 (toll free)**

- \* Unavailable from part of IP phones.

**(Business hours : 9:00 a.m. to 8:00 p.m. (open all year round))**

- Please confirm the phone number before you dial.

- For Applications or Repairs and After-Sales Service, please contact the above-mentioned information center or the docomo Shop etc. near you on the NTT DOCOMO website.

NTT DOCOMO website <https://www.nttdocomo.co.jp/english/>

**Technical Inquiries & Repairs**

■ **From DOCOMO mobile phones (In Japanese only)**

 **(No prefix) 113 (toll free)**

- \* Unavailable from land-line phones, etc.

■ **From land-line phones (In Japanese only)**

 **0120-800-000 (toll free)**

- \* Unavailable from part of IP phones.

**(Business hours : 24 hours (open all year round))**

**For loss, theft, malfunction, and inquiries while overseas**  
(24-hour reception)

■ **From DOCOMO mobile phones**

**International call access code  
for the country you stay**

**-81-3-6832-6600\* (toll free)**

- \* You are charged a call fee to Japan when calling from a land-line phone, etc.

■ **From land-line phones <Universal number>**

**Universal number  
international prefix**

**-8000120-0151\***

- \* You might be charged a domestic call fee according to the call rate for the country you stay.

\* For international call access codes for major countries and universal number international prefix, refer to the NTT DOCOMO website.

- Please confirm the phone number before you dial.

- If you lose your terminal or have it stolen, immediately take the steps necessary for suspending the use of the terminal.

- If the terminal you purchased is damaged, bring your terminal to a repair counter specified by DOCOMO after returning to Japan.



**Don't forget your mobile phone ... or your manners!**

When using your mobile phone in a public place, don't forget to show common courtesy and consideration for others around you.



Li-ion 00



Sales: NTT DOCOMO, INC

Manufacturer: HUAWEI TECHNOLOGIES CO., LTD.

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