

# Handset Security



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## Handset Security

This handset features built-in security measures for safer handset use.

### Locking & Restricting Handset Operations

Lock handset for information security. Handset operations cannot be executed while locked.

- Password

Use Phone Lock, Password Lock, or USIM Lock (➔P.11-3).



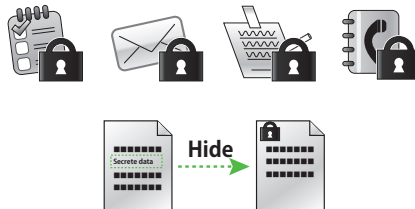
- Facial Recognition

Verifies user from registered images (➔P.11-5).



### Function Lock

Activate to require Phone Password to use Phone Book, Messaging, or other privacy related functions.



### Restoring Default Settings

Clear Phone Book entries; restore function settings to defaults.

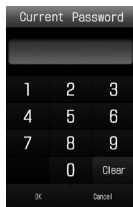
## Changing Phone Password

There are two security codes; Phone Password and PIN/PIN2.

### Changing Phone Password

Default: Phone Password is set to "9999".

- 1 Tap Menu → *Settings* → *Security* → *Change password*



- 2 Enter current Phone Password → Tap OK
- 3 Enter new Phone Password (four- to eight-digit) → Tap OK
- 4 Enter new Phone Password again → Tap OK

### Advanced

#### Settings

- Change Phone Password (📖 P. 14-22)

## Changing PIN/PIN2

- 1 Tap Menu → *Settings* → *Security* → *Change PIN* or *Change PIN2*
  - Set *PIN certification* to *On* to enable PIN code (📖 P. 11-4).
- 2 Enter current PIN or PIN2 → Tap OK
- 3 Enter new PIN or PIN2 (four- to eight-digit) → Tap OK
- 4 Enter new PIN or PIN2 again (four- to eight-digit) → Tap OK

## Phone Lock

The following lock functions are available:

- Phone Lock
- Auto Lock
- Password Lock
- PIN Certification
- USIM Lock
- Facial Recognition

### Activating/Canceling Phone Lock

Activate this function to require Phone Password each time handset is powered on.

- 1 Tap Menu → *Settings* → *Security*
- 2 Under *Phone lock*, *On* or *Off*
- 3 Enter Phone Password → Tap OK

- All operations including receiving calls are not accepted unless you enter Phone Password.

## Activating/Canceling Auto Lock

If it is **On**, **Auto lock** is automatically activated when Display is turned off.

**1 Tap Menu** → *Settings* → *Touch panel*

**2 Under Auto lock, On or Off**

## Activating/Canceling Password Lock

After **Password lock** is activated, phone password is required for handset operations such as turning on handset or turning off the Display. No operations are accepted until you enter the correct password, except some operations such as receiving calls.

**1 Tap Menu** → *Settings* → *Security*

**2 Password lock**

**3 Select an option**

- To Activate It When Turning Off Display or on Handset Power : *Auto*
- To Activate It When Turning On Handset : *At power On*
- To Deactivate It : *Off*

**4 Enter Phone Password** → Tap OK

## Activating/Canceling PIN Code

PINs are security codes for USIM Card. For details, see "USIM Card" (☞P.1-7).  
To activate PIN Certification each time the power is turned on, set this function to **On**.

### Setting

**1 Tap Menu** → *Settings* → *Security*

**2 Under PIN certification, On or Off**

**3 Enter PIN** → Tap OK

### Canceling

If PIN or PIN2 is incorrectly entered three consecutive times, PIN Lock or PIN2 Lock is activated to restrict handset operations. To cancel PIN Lock or PIN2 Lock, perform following operations.

**1 In PUK Code entry window, enter PUK Code** → Tap OK

**2 Enter new PIN or PIN2 (four- to eight-digit)** → Tap OK

**3 Enter new PIN or PIN2 again (four- to eight-digit)** → Tap OK

### Note

- For more information about PUK and PUK2, contact SoftBank Mobile Customer Center, General Information (☞P.15-27).
- Entering incorrect PUK Code ten consecutive times locks USIM Card (turning handset off does not reset the count).
- Once locked, USIM Card cannot be unlocked. Contact SoftBank Mobile Customer Center, General Information (☞P.15-27).

### Advanced

#### Settings

- Activate/Cancel PIN Certification (☞P.14-22)
- Change PIN (☞P.14-22)
- Change PIN2 (☞P.14-22)

## Activating/Canceling USIM Lock

Activate this function to require USIM Password to use handset with a different USIM Card.

**1 Tap Menu** → *Settings* → *Security*

**2 Under *USIM lock, On or Off***

**3 Enter USIM Password (four- to eight-digit)** → Tap OK

- To set to **On**, enter USIM password (four- to eight-digit) again and tap OK.

● USIM Password is dedicated to USIM Card authentication. If USIM Password matches, another USIM Card can be used in handset. Change USIM Password each time **USIM lock** is set to **On**.

- If you forget USIM Password, insert USIM Card with **USIM lock** set to **On** and reset all settings (☎ P.11-9).

### Advanced

#### Settings

- Activate/Cancel USIM Lock (☎ P.14-22)

## Toggling Facial Recognition

When powered on, handset verifies user with a registered image. If Facial Recognition fails, handset is disabled.

Activate Facial Recognition. Save a user beforehand.

- Facial Recognition matches current image to one saved beforehand. When capturing images or using Facial Recognition, remember these points:
  - Make sure your face (eyes, mouth, nose, eyebrows, etc.) is clearly visible. Facial features may be obscured by hair, colored glasses, hat, etc., inhibiting image capture or recognition.
  - Face should be lit evenly and brightly. Avoid Backlight, strong light, or shadows.

#### Note

- Identification accuracy is not guaranteed. SoftBank Mobile is not liable for misuse or damages associated with Facial Recognition.
- Phone Password is required for Facial Recognition settings or cancellation upon recognition failure. Changing Phone Password enhances security (☎ P.11-3).

## Setting

**1 Tap Menu** → *Settings* → *Security* → *Facial recognition*

**2 Enter Phone Password** → Tap OK

**3 Under *On/Off, On or Off***

- If image is not registered, confirmation appears. Choose **Yes** to register image.

● Enter Phone Password → Tap OK to set to **Off**.

- Set to **On** to match your face to the saved portrait when handset is turned on. If the recognition fails, handset is disabled.

## Saving User

Save image, name and question & answer from which to verify user should recognition fail.

Save up to five users, and save up to five images per user. Change location (home, office, inside vehicle or station, etc.) or condition (face angle, accessories, glasses, etc.) for each shot.

- 1 Tap Menu → *Settings* → *Security* → *Facial recognition*
- 2 Enter Phone Password → Tap OK
- 3 *User registration*
- 4 Enter Phone Password → Tap OK
- 5 Select from *User 1* to *User 5*
- 6 Select from *Image1* to *Image5*
- 7 Frame your face on Display → Tap Start → Tap Save

- Image capture may take time. Stay still until complete.
- A confirmation appears if registration fails. Change shooting conditions and start over.
- Saving multiple images increases recognition accuracy, however, security may be compromised.
- The same image can be saved to multiple users. This may increase recognition accuracy.
- Look straight and frame whole face with no expression. If face is too small, image may not be saved. Do not change face angle while shooting.

## Recognition Guidance

Activate for Facial Recognition guidance. Cancel it for recognition message with no image. Select *Preview* to show image.

- 1 Tap Menu → *Settings* → *Security* → *Facial recognition*
- 2 Enter Phone Password → Tap OK
- 3 *Guidance*
- 4 *Off* or *Preview*

## Setting Security Level

Select recognition accuracy level.

- Accuracy levels are as follows.

Item	Description
High	Unsaved faces are least likely to be recognized by mistake. However, your face may also be difficult to recognize.
Normal	An intermediate setting.
Low	Saved face is most recognizable. However, unsaved faces are more likely to be recognized by mistake.

- 1 Tap Menu → *Settings* → *Security* → *Facial recognition*
- 2 Enter Phone Password → Tap OK
- 3 *Security level*
- 4 *High*, *Normal*, or *Low*

## Starting Facial Recognition

Handset power on initiates Facial Recognition. If captured image matches, handset is enabled.

- 1 **Frame your face on Display**
- 2 **If Facial Recognition fails, tap Recog. to try again**

### ■ To Use Facial Recognition

Frame your face on Display → Tap Recog.

### ■ To Access Using Phone Password

Tap Code → Enter Phone Password → Tap OK

- When **Guidance** (☞ P.11-6) is **Preview**, image appears. When face is recognized, focus moves to recognized face. Recognition result appears with **Matching** (green frame), **Similar** (yellow frame), or **Unknown** (red frame).
- Sub camera is used for Facial Recognition. Dust or smudges on the lens may lead to recognition failure. Clean with a soft cloth before use.

## Advanced

### 🔧 Advanced Settings (☞ P.11-9)

- Deleting Images

### 🔧 Settings

- Activate/Cancel Facial Recognition (☞ P.14-22)
- Save Facial Recognition User (☞ P.14-22)
- Show/Hide Guidance (☞ P.14-22)
- Set Security Level (☞ P.14-22)

## Function Lock

### Activating Function Lock

Activate this function to require Phone Password to open Phone Book, Calendar, Yahoo! Keitai, Messaging, Call Log, or Data Folder.

- 1 **Tap Menu → Settings → Security → Function lock**
- 2 **Check functions to lock → Tap Save**
- 3 **Enter Phone Password → Tap OK**

### Activating/Canceling Secret Mode

Select **Hide** to activate this function and hide secret Phone Book entries, Messaging folders, Calendar schedules, or Tasks.

- 1 **Tap Menu → Settings → Security → Secret mode**
- 2 **Enter Phone Password → Tap OK**
- 3 **Show or Hide**

- Powering handset off then back on activates Secret mode.

## Advanced

### 🔧 Settings

- Activate/Cancel Phone Lock (☞ P.14-22)
- Activate/Cancel Password Lock (☞ P.14-22)
- Activate/Cancel Function Lock (☞ P.14-22)
- Activate/Cancel Secret Mode (☞ P.14-22)

## Restoring Default Settings

### Clearing Phone Memory

Clear Data Folder, Messaging, handset Phone Book entries, Calendar/Tasks, Notepad, or User's Dictionary. Alternatively, clear all handset files at once.

- 1 Tap Menu → *Settings* → *Memory settings* → *Phone memory* → Tap Clear
- 2 Select items to delete → Tap Clear
- 3 Enter Phone Password → Tap OK → *Yes*

### Resetting Settings

Reset settings to clear saved contents/settings and resort default settings.

The following settings are affected.

Item	Affected Settings
Tools	<i>Alarm</i>
TV	<ul style="list-style-type: none"> <li>• <i>Watch TV</i></li> <li>• <i>Settings</i></li> </ul>
Settings	Each setting

The following settings are not affected.

Item	Unaffected Settings
Tools	<ul style="list-style-type: none"> <li>• <i>Calendar</i></li> <li>• <i>Tasks</i></li> <li>• <i>My location/Location logs</i></li> <li>• <i>Expense manager</i></li> <li>• Exchange rate in <i>Currency</i></li> <li>• <i>Notepad</i></li> </ul>
Data Folder	Contents in each folder
TV	<ul style="list-style-type: none"> <li>• <i>TV links</i></li> <li>• <i>Program guide</i></li> <li>• <i>TV player</i></li> <li>• <i>TV image</i></li> <li>• <i>Reservation list</i></li> </ul>
Phone func.	<ul style="list-style-type: none"> <li>• <i>Phonebook</i> • <i>Call log</i></li> <li>• Numbers in <i>Account details</i></li> <li>• Group name and contents of <i>Mail group</i> in USIM card</li> </ul>

Item	Unaffected Settings
Settings	
Phone Settings	<ul style="list-style-type: none"> <li>• <i>User's dictionary</i></li> </ul>
Security	<ul style="list-style-type: none"> <li>• <i>USIM lock</i></li> <li>• <i>PIN certification</i></li> <li>• <i>Change PIN</i></li> <li>• <i>Change PIN2</i></li> </ul>
Call Settings	<ul style="list-style-type: none"> <li>• <i>Voice mail On</i> settings</li> <li>• <i>Call forwarding On</i> settings</li> <li>• <i>Call waiting</i> settings</li> <li>• <i>Call barring</i> settings</li> <li>• Edit <i>Black list</i> contents</li> </ul>
Messages	Messages in folders

- 1 Tap Menu → *Settings* → *Security* → *Reset settings*
- 2 Enter Phone Password → Tap OK → *Yes*
  - Handset restarts.



## All Reset

Restore handset to defaults and delete Phone Book entries (Phone), Call Log, Messaging, and Data Folder contents/settings. However, preinstalled files are not deleted.

**1** Tap Menu → *Settings*  
→ *Security* → *All reset*

**2** Enter Phone Password →  
Tap OK → *Yes*

- Handset restarts.

## Advanced

### Settings

- Delete Phone Book Entries, Messages, etc. (P.14-22)
- Restore Settings to Default Values (P.14-22)

## Advanced Settings

### Advanced Settings



## Facial Recognition

### Editing User Information

Tap Menu → *Settings* → *Security* → *Facial recognition* → Enter Phone Password → Tap OK → *User registration* → Enter Phone Password → Tap OK → Select user → (P.11-6 Saving User)

### Viewing Images

Tap Menu → *Settings* → *Security* → *Facial recognition* → Enter Phone Password → Tap OK → *User registration* → Enter Phone Password → Tap OK → Select user → Select image

- When multiple portraits are saved, tap  or  to check another one.

### Deleting Images

Tap Menu → *Settings* → *Security* → *Facial recognition* → Enter Phone Password → Tap OK → *User registration* → Enter Phone Password → Tap OK → Select user → Select image → Tap Delete → *Yes*

