

Vodafone 703SHf User Guide

Vodafone 703SHf is an upgraded version of Vodafone 703SH. Read through this User Guide to learn about these new functions:

- Vodafone live! FeliCa (see **P.2 - P.7**)
- Portrait/Macro Selector (see **P.7**)
- Barcode (see **P.8 - P.11**)
- Create QR Codes (see **P.11 - P.12**)
- Text Scanner (see **P.12 - P.13**)

FeliCa is a contactless IC card technology developed by Sony Corporation.

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QR Code is a registered trademark of DENSO WAVE INCORPORATED.

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Vodafone live! FeliCa

Basics

Vodafone live! FeliCa encompasses a range of IC Card-based services available via FeliCa-compatible Vodafone handsets.

703SHf supports Vodafone live! FeliCa. To use services such as e-money, e-ticketing and reward point systems, simply hold handset over a compatible reader/writer at a shop or restaurant, etc.

FeliCa

- A contactless IC card technology enabling wireless data transmissions with compatible reader/writer terminals

IC Card

- The FeliCa chip embedded in FeliCa-compatible handsets
- Holds information required to use Vodafone live! FeliCa

IC-appli

- V-Applications required to use Vodafone live! FeliCa
 - Edy e-money IC-appli is preloaded on 703SHf.
 - Edy is a prepaid e-money service run by bitWallet Inc.

Note ▶ IC Card data content varies by service and usage history. Procedures to delete IC Card data vary by IC-appli; contact the service provider for details.

Service Usage Outline

Download IC-appli

Download IC-appli via Mobile Internet site.

- IC-appli is saved to IC-appli folder.



Complete Registration/Set Up

Activate IC-appli, complete registration/customise settings.

- Charge accounts, check balance or payment records, etc.



Use Service

To use Vodafone live! FeliCa at shops, restaurants, and locations, centre  logo side over reader/writer.

- Use e-money/e-tickets to shop/travel and earn reward points.

- Note** ▶
- IC-appli registration and usage vary; contact the service provider for details.
 - Vodafone is not liable for damages resulting from accidental loss/alteration of IC Card data/settings.
 - Keep service passwords/customer service contact information, etc. in a separate place.

Starting IC-appli

To use Vodafone live! FeliCa, activate a service IC-appli and complete service registration, setup, charge, balance check, etc.

Main Menu ▶ IC-appli

1 Select IC-appli and press ●

■ To download an IC-appli, select **More IC-appli** ▶ Press ●

2 Select an application and press ●

IC-appli starts.

■ To end the IC-appli, press ☺.

Note ▶ IC-appli cannot be started during calls or when another V-application is active.

Tip ▶ IC-appli settings and usage patterns resemble those of other V-applications.
However, IC-appli cannot be set as Screensaver.

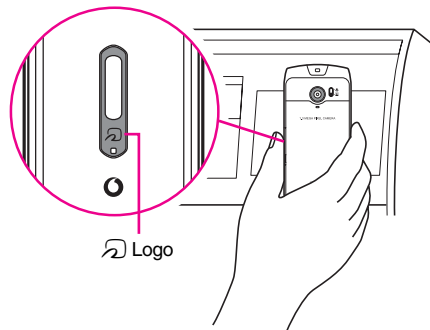
Using Vodafone live! FeliCa

Follow these steps to conduct a transaction.

Example: making an electronic payment:

- Complete registration, setup and charge in advance.
- Complete transactions without activating an IC-appli.

1 Centre ☞ logo side over reader/writer



- Reader/writer will scan FeliCa IC Card even during calls or Vodafone live! transmissions.
- Confirm scan results on reader/writer display.
- If recognition is slow, move handset around slightly.
- When placed over sensor, 703SHf may display a message, vibrate or activate a V-application for some services. To disable response, see P.7 "Interface Settings".

When Handset Power is Off

- Transactions possible; IC-appli do not start automatically.
 - After installing/reinstalling battery, always turn on handset power to use Vodafone live! FeliCa.

When Battery is Low

- Vodafone live! FeliCa is not available. Charge it beforehand.

- Tip** ▶
- Align handset parallel to reader/writer.
 - Foreign articles can block/hamper recognition.

Vodafone live! FeliCa Settings

IC Card Status

Main Menu ▶ IC-appli ▶ IC Card Settings

1 Select **IC Card Status** and press

- If IC Card lock is set, press  **Yes** ▶ Enter Handset Code ▶ Press 
- Press  to exit.

IC Card Lock

Use this function to restrict access to/prevent unauthorised use of Vodafone live! FeliCa on 703SHf.

- Activate IC Card Lock remotely (see **P.5** "Remote Lock").
- IC Card Lock is **Off** by default.

Main Menu ▶ IC-appli ▶ IC Card Settings ▶ IC Card Lock

1 Enter Handset Code and press

2 Choose **On** and press

- To cancel, choose **Off** ▶ Press  (Omit the next step.)

3 Press **Yes**

Remote Lock

Send mail with specified subject (Mail Remote Lock) or call from a specified phone (Call Remote Lock).

Preparation on Handset

Mail Remote Lock Password/Address

Save a password for Mail Remote Lock, and set mail address to send IC Card Lock notice to.

Main Menu ▶ *IC-appli* ▶ *IC Card Settings* ▶ *Remote Lock*

- 1 Enter Handset Code and press ●
- 2 Select *Mail Remote Lock* and press ●
- 3 Select *Remote Lock PW* and press ●
- 4 Enter a password and press ●
 - Enter between 5 and 16 alphanumeric.
- 5 Select *Email Lock Notice* and press ●
- 6 Select *From Contacts, Enter Phone Number or Enter Email Address* and press ●
- 7 Select/enter mail address or Vodafone handset number and press ●
- 8 To save settings without enabling Mail Remote Lock, press ⏪ **Save**
 - To enable Mail Remote Lock, after Step 7, perform from Step 3 in "Remote Lock Setup" on P.6 and choose *On* in Step 4.

Call Remote Lock Number/Count for Lock

Save up to two phone numbers from which to call handset, and set Missed Call count required to activate IC Card Lock (default count is 3 times).

Enable Remote Lock activation via public phones.

Main Menu ▶ *IC-appli* ▶ *IC Card Settings* ▶ *Remote Lock*

- 1 Enter Handset Code and press ●
- 2 Select *Call Remote Lock* and press ●
- 3 Select *Phone No. to Lck 1* and press ●
 - To enable activation via public phone, select *Set Public Phone* ▶ Press ● ▶ Choose *On* ▶ Press ●
 - To disable activation via public phone, choose *Off*.
- 4 Select *From Phone Book or Enter Phone Number* and press ●
- 5 Select/enter a phone number and press ●
 - To save second phone number, select *Phone No. to Lck 2* ▶ Press ● ▶ Repeat Steps 4 - 5
- 6 Select *Count for Lock* and press ●
 - *3 times* is set by default.
- 7 Enter Missed Call count (3 - 10 consecutive times) required to activate IC Card Lock and press ●
- 8 To save settings without enabling Call Remote Lock, press ⏪ **Save**
 - To enable Call Remote Lock, after Step 7, perform from Step 3 in "Remote Lock Setup" on P.6 and choose *On* in Step 4.

Remote Lock Setup

Activate or cancel Mail Remote Lock/Call Remote Lock.
Both Remote Locks are **Off** by default.

Main Menu ▶ *IC-appli* ▶ *IC Card Settings* ▶ *Remote Lock*

- 1 Enter Handset Code and press ●
- 2 Select **Mail Remote Lock** or **Call Remote Lock** and press ●
- 3 Select **Switch On/Off** and press ●
- 4 Choose **On** and press ●
 - To cancel, choose **Off** ▶ Press ●
 - Saved mail address and phone numbers remain.
Reactivate Remote Lock to use the same setting.
- 5 Press ⏪ **Save**

Activating Remote Lock

■ Via Mail

- 1 Use MMS/e-mail to send password to handset
 - Enter password as subject; leave other fields blank.
 - To confirm IC Card Lock status, send a message via phone or PC with specified mail address (see **P.5**).

After Handset Receives Message

- IC Card Lock is set and notice is sent from handset to specified mail address.

Note ▶ If 703SHf cannot receive mail IC Card Lock is not set.

■ Via Phone

- 1 Using one of the specified phones, call handset
- 2 End the call

The call is recorded as a Missed Call on your handset.

- Within three minutes, repeat Steps 1 - 2 until the specified number of Missed Calls are recorded.
- Payphones can be used for this function if Set Public Phone is activated beforehand.
- Send Caller ID when placing calls from specified phone. (Caller ID is not required for payphones.)

After Specified Number of Missed Calls

- IC Card Lock is set; a message announces Remote Lock activation.

Note ▶ Missed call count is reset by incoming calls from numbers not saved for this function. If series is interrupted, start over from the beginning.

Interface Settings

Set 703SHf response to reader/writer commands: Choose **On** for **V-appli** to activate V-application, **Browser** to access the Mobile Internet, **Messaging** to activate mail, **Vibration** to vibrate handset, and **Pop-up Message** to open pop-up message. Interface Settings is **On** for all items by default.

Main Menu ▶ IC-appli ▶ IC Card Settings ▶ Interface Settings

- 1 Enter Handset Code and press ●
- 2 Select from **V-appli** to **Pop-up Message** and press ●
- 3 Choose **On** or **Off** and press ●

Resetting Defaults

Cancel custom settings and return Vodafone live! FeliCa settings to their defaults.

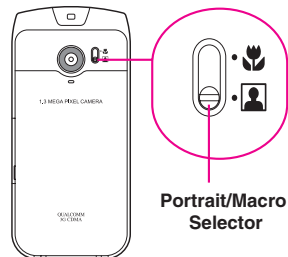
Main Menu ▶ IC-appli ▶ IC Card Settings ▶ Set to Default

- 1 Enter Handset Code and press ●
- 2 Press ⏪ **Yes**
IC Card Lock, Remote Lock and Interface Settings return to their default states.

- Tip** ▶
- Set to Default does not affect downloaded IC-appli.
 - Memory All Clear (V-application Settings)/Reset All (Master Reset) return IC-appli settings to defaults and delete downloaded IC-appli. Memory All Clear and Reset All are disabled if IC Card data remains.

Portrait/Macro Selector

Slide Portrait/Macro Selector to Macro (🌿) to capture images as close as 8 cm with External Camera. Allow at least 40 cm for Portrait (👤).



Barcode

Scan printed barcodes with mobile camera or download QR Codes via Web or MMS.

- Scan UPC (JAN) or QR Codes. Handset automatically detects code type and reads data.
- In Continuous mode (see **P.9**), scan up to 50 UPC (JAN) or 16 QR Codes at one time. In some cases, continuous scans may be disrupted depending on barcode data or data size.
- Zoom is not available.

- Note** ▶
- Scan may fail if the barcode is dirty or unclear.
 - Avoid casting shadows on barcodes; scan may fail.
 - Capture one barcode at a time; otherwise scan may fail.

- Tip** ▶
- A UPC (Universal Product Code) or JAN (Japanese Article Number) is a series of varying width vertical lines (bars) and spaces. Bars and spaces together are elements, combinations of which represent different numbers. 703SHf cannot read other one-dimensional barcodes (ITF Code, Code39, Codabar/NW-7, etc.).
 - A QR (Quick Response) Code is a matrix symbology consisting of an array of nominally square cells, which allows omni-directional reading of up to 7,366 alpha- numerics and byte data, as well as kanji and kana.

Main Menu ▶ Tools ▶ Barcode ▶ Scan Barcode

1 Frame barcode in the centre of Display

- Hold handset approximately 8 cm away from barcode.
- Slide Portrait/Macro Selector (see **P.7**) according to barcode size.
 - To adjust brightness, press **(2/3)** ▶ Use **(↓)**
 - To activate or cancel Continuous mode, press **(○)** **Options** ▶ Select **Continuous Scan** ▶ Press **(●)** ▶ Choose **On** or **Off** ▶ Press **(●)**

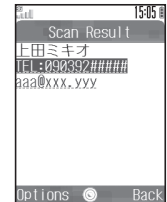


2 Press **(●)**

- Mobile camera scans the barcode.
- If recognition takes time, move handset slowly and adjust the distance from barcode.
 - Press **(○)** **Cancel** to stop scan ▶ Start over from Step 1

3 Barcode recognition tone sounds and scan results appear

- Using Scan Results: see **P.9**
- To start over, press **(○)** **Back** ▶ Press **(○)** **Yes** ▶ Perform from Step 1



Continuous Mode

- After scanning, **Scan completed. Scan new?** appears.
To scan next code, press **Yes** **Frame the code on Display** **Press** **To exit, press** **No** **Scan results appear**

Split Data

- After scanning, **Split data. Scan next symbol?** appears.
To scan next code, press **Yes** **Frame the code on Display** **Press** **To cancel, press** **No** **Press** **Yes**
- Data will not be saved until all split data is scanned.
- The scanning status appears on the first line of Display. For example, indicates that 1 of 4 codes has been scanned.

Using Scan Results

Place Calls¹	Select a number starting with TEL: ² Press The number appears Press
Send Mail³	Select a mail address including @ Press Complete and send message
Quote & Send Mail	Press Options Select Send Message Press Press Complete and send message <ul style="list-style-type: none"> ■ To use a part of text, press Options in Send Message window Select Cut Press Select the first character of text Press Select the end of text Press
Save to Phone Book^{1, 3}	Select a number starting with TEL: ² or a mail address including @ Press Options Select Save to Ph.Book Press Save as new entry or add to existing entry
Access Mobile Internet Sites⁴	Select a URL starting with http:// or rtsp:// Press (Handset connects to the Network.)
Save to Data Folder (Images & Melodies)	Select an image or melody file Press Options Select To Data Folder Press

¹Available when text is in **TEL:** *X* format.

²Text strings of 10 to 32 digits starting with 0 are recognised as phone numbers.

³Available when text is in *X@X* format.

⁴Available when text is in **http://X** or **rtsp://X** format.

• *X* represents one or more alphanumeric.

Saving		Press Options ➔ Select Save ➔ Press Enter <ul style="list-style-type: none"> • Save up to 10 messages. • To open saved items, see P.11 "Scanned Results".
Copy Text	Text	Press Options ➔ Select Copy ➔ Press Enter ➔ Select the first character of text ➔ Press Enter ➔ Select the end of text ➔ Press Enter
	URL⁴	Select a URL starting with http:// or rtsp:// ➔ Press Options ➔ Select Copy URL ➔ Press Enter
	Mail Address³	Select a mail address including @ ➔ Press Options ➔ Select Copy Address ➔ Press Enter
	Phone Number¹	Select a number starting with TEL: ² ➔ Press Options ➔ Select Copy Telephone ➔ Press Enter
Use for System Graphics		Select an image ➔ Press Options ➔ Select As System ➔ Press Enter ➔ Select an item ➔ Press Enter ➔ Press Enter
Wallpaper		Select an image ➔ Press Options ➔ Select As Wallpaper ➔ Press Enter ➔ Press Enter
Open Images or Play Melodies		Select an image or melody file ➔ Press Enter
Open Properties		Select an image or melody file ➔ Press Options ➔ Select Property ➔ Press Enter

¹Available when text is in **TEL: *** format.

²Text strings of 10 to 32 digits starting with 0 are recognised as phone numbers.

³Available when text is in ***@*** format.

⁴Available when text is in **http://*** or **rtsp://*** format.

• * represents one or more alphanumerics.

Tip ➤ When **MEMORY:** or **MAILTO:** appears in scan results, press **Enter** to enter the items underlined with a dotted line automatically in Phone Book Details or SMS/MMS messages. However, text after an invalid character is not underlined and is not copied.

Scanning during Text Entry Scan barcodes during text entry and insert scan results into current cursor position

In a text entry window, press **Options ➔ Select **Scan** ➔ Press **Enter** ➔ Select **Scan Code** ➔ Press **Enter** ➔ Frame barcode in the centre of Display ➔ Press **Enter** twice**

■ To use a part of text, press **Options** ➔ Select **Cut** ➔ Press **Enter** ➔ Select the first character of text ➔ Press **Enter** ➔ Select the end of text ➔ Press **Enter**

Note ➤ Barcodes/text cannot be scanned when:

- Entering text during a call
- Entering text in Reading window (E-Book)
- V-application is active
- Entering URL for streaming

Open Barcode

Read saved barcode images in Data Folder

Main Menu ▶ Tools ▶ Barcode ▶ Open Barcode

Select a barcode image ▶ Press ●

- For split data, press ⏪ Yes to scan next code.
 - To cancel, press ⏪ No ▶ **Delete all information, OK?** appears ▶ Press ⏪ Yes
- When scanning fails, press ⏪ Yes ▶ Select next barcode image manually ▶ Press ●

- Note** ▶
- Resized QR Codes may be invalid.
 - When invalid, **This data may be incorrect.** appears.

Scanned Results

Open files saved in Scanned Results

Main Menu ▶ Tools ▶ Barcode ▶ Scanned Results

Select a file ▶ Press ●

- Opened results cannot be re-saved.
- Some files such as large images may not open.

Create QR Codes

Create QR Codes from entered text, Phone Book, Pictures, Sound & Ringtones, and Text Templates.

- Save up to 513 digits, 131 kanji or the data equivalent thereof within a single QR Code.
- Large items are divided into maximum of 16 QR Codes.
- Created QR Codes are saved to Data Folder (Pictures).

Phone Book

Encode name, reading, phone numbers, mail addresses and note

Main Menu ▶ Tools ▶ Barcode ▶ Create QR Code ▶ Phone Book

Select an entry ▶ Press ● ▶ QR Code appears ▶ Press ●

- Only name, reading, phone numbers, mail addresses and note are encoded.

Text Input

Enter and encode text

Main Menu ▶ Tools ▶ Barcode ▶ Create QR Code ▶ Text Input

Enter text ▶ Press ● ▶ QR Code appears ▶ Press ●

Data Folder

Encode melody/image files or Text Templates in Data Folder

Main Menu ▶ Tools ▶ Barcode ▶ Create QR Code ▶ Data Folder

Select a folder ▶ Press ● ▶ Select an item ▶ Press ● ▶ QR Code appears ▶ Press ●

Switching Storage Media

- While created QR Code appears, press **Options** → Select **Save To** → Press → Select **Handset or Memory Card** → Press

Attaching to MMS Mail

- While created QR Code appears, press **Options** → Select **Send As** → Press → Complete and send message

Incoming Calls while Creating QR Code

- Contents are temporarily saved. End the call to return.

Text Scanner

Scan text (URLs, mail addresses, phone numbers or roman letters) with mobile camera.

- Scan up to 256 characters continuously.
- Scan up to 60 single-byte characters within 3 lines. Scanning over 35 characters at one time may yield poor results.
- Some symbols may not be read.
- Text mode is set to **Auto** each time Text Scanner is activated. Change the mode if text is distorted in **Auto** (such as white text in black background).
- Zoom is not available.

Note ▶ Text Scanner will not activate if music is playing or a V-application is active; when confirmation appears, press **Yes** to proceed.

Main Menu ▶ Tools ▶ Barcode ▶ Scan Text

1 Frame text on Display

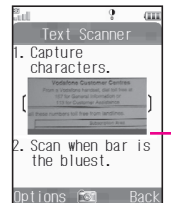
- Adjust to frame text in []. Letters at the ends may be distorted.
- Hold handset approximately 8 cm away from text.
- Slide Portrait/Macro Selector (see P.7) according to text size.
 - To adjust brightness, press → Use
 - To switch text mode, press → Select **Reversed Text** → Press → Select **Auto, Normal** or **Reversed** → Press

2 Press

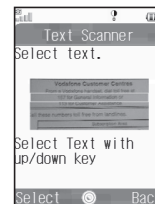
- Text Scanner reads the text.
 - Press to stop scan → Start over from Step 1

3 Use to select a line and press

- Text Scanner reads one line per scan.



Focus Adjustment Bar
(Better focus in darker blue)



4 Scan results appear

703SHf automatically registers scan results as a URL, Email Address, Phone Number or Text; if incorrect, change mode.

- If text exceeds limit, results appear with overage truncated.

■ To change mode, press **Options** ➔ Select **Change Mode**
➔ Press ➔ Select a type ➔ Press (Scan results and alternatives list change accordingly.)

■ To edit, press **Options** ➔ Select **Select/Edit** ➔ Press
➔ Select the character to edit ➔ Select an alternative from the list or enter the correction directly from Keypad

■ To start over, press **Back** ➔ Press **Yes** ➔ Repeat from Step 1

5 Press

- To use scan results, see **P.9**.

Scanning More Text

■ After Step 5, press **Options** ➔ Select **Continue Part or Scan More** ➔ Press

• Continue Part

Select **Continue Part** to enter additional text. (Mode remains the same.)

• Scan More

Select **Scan More** to enter text after a line break.

■ **Continue Part** and **Scan More** are disabled once 256 characters have been scanned.

Scanning during

Text Entry

Scan text during text entry and insert scan results into current cursor position

In a text entry window, press **Options** ➔ Select **Scan** ➔ Press ➔ Select **Text Scanner** ➔ Press
➔ Frame text in the centre of Display ➔ Press ➔ Select a line ➔ Press twice

- To change mode or edit scan results, see Step 4 on the left.