Camera

7

Capture still images and record videos with handset camera.

Capture Still Images/Videos

Wide Range of Image Sizes

Select image size accordingly. Use small sizes for S! Mail attachments and larger sizes for saving high resolution images.

Various Features

Features include:
Auto Timer
Continuous Shooting
Adding Frames
(P. 7-10, P. 7-11)

Photo Modes

Select a mode suited to the subject/scene such as Portrait, Scenery, and Sports mode.

Smile Mode

Shutter automatically releases when Camera detects a smile (P. 7-10).

Send by S! Mail

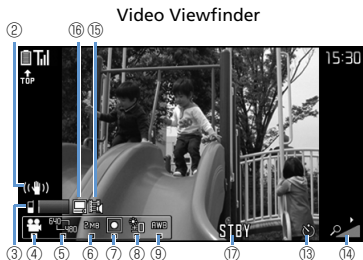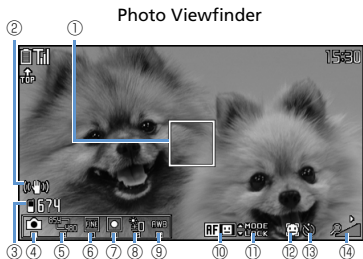**Non-SoftBank Mobile Phones**

SoftBank Handsets

PCs

• Still images are saved in JPEG format and videos in MPEG4 format.
• Clean the lens with soft cloth. Fingerprints or grime on the lens may result in blurred images.
• Handset movement during shooting may cause image blurring when Shake Correction is *OFF*. Setting Shake Correction to *Auto* is recommended.
• Although Camera is made with high-precision technology, some pixels may appear brighter and some darker.
• Shooting or saving images when handset is warm may affect image quality.
• Exposing the lens to direct sunlight for an extended period may result in discoloration of photo images.
• Shutter click and Auto Timer tone sound at a fixed volume even in Manner Mode.

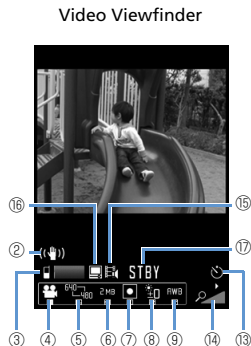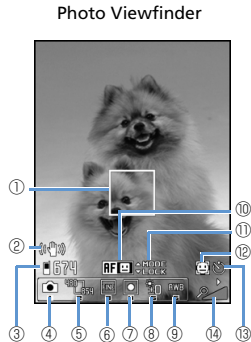When *Auto-change Screen* is set to *ON*, turn handset on its left side while using Camera for Landscape View.

Viewfinder Indicators

Landscape View

Photo Viewfinder

Video Viewfinder

Portrait View

Photo Viewfinder

Video Viewfinder

①	Focus Frame (Still Images) A white frame appears for Auto Focus. Focus Frame is green when focus is locked, and red if focusing failed.
②	Shake Correction 〘《ᵐ》〙 Auto
③	Storage Location (Still Image) 📱 Handset 🆂🅳 Memory Card **Storage Capacity (Still Image)**[1] White number: 11 or more files Yellow number: 10 or less files Red number: No memory space
	Storage Location (Video) 📱 Handset 🆂🅳 Memory Card **Storage Capacity (Video)**[1] Blue: 500 KB or more Yellow: Less than 500 KB Red: No memory space
④	Camera Mode 🎬 Movie Mode 🎞 Speed Movie 📷 Chance Capture 📷 Photo Mode 📷 Auto Continuous Shooting 📷 Manual Continuous Shooting 🎤 Voice Mode ▨ Panorama Cap. Mode

7

Camera

⑤ **Image Size (Still Image/Video)**
· Photo Mode/Continuous Shooting
8M (2448 × 3264) to QCIF (176 × 144)
· Panorama Cap. Mode
Panorama (4096 × 480 : Vertical)
Panorama (2738 × 480 : Horizontal)
· Movie Mode/Speed Movie[2]/Chance Capture
VGA (640 × 480) to QCIF (176 × 144)

⑥ **Image Quality (Still Image)**
Super Fine   Normal
Fine

File Size (Video)
Mail attachment[3]   Long time
Up to 2 MB

⑦ **Photo Mode**
Auto   Sports Mode
Portrait   Night Mode
Smile   Pet
Scenery   Food
Backlight   OFF

⑧ **Brightness**
-2 to +2

⑨ **White Balance[4]**
Auto   Light bulb
Fine   Fluorescent lamp
Cloudy

⑩ **AF Mode (Still Image)**
Face ON (Face detection + AF ON)
AF ON
Close-up
AF OFF

⑪ **AF Guidance (Still Images)**
For AF toggle and focus lock

⑫ **Face Select Mode (Still Image)**
Face selecting mode

⑬ **Auto Timer**
Auto Timer set

⑭ **Zoom (16 steps)**
Minimum to Maximum

⑮ **Recording Type (Video)**
Normal (Video & Sound)
Video only   Sound only

⑯ **Image Quality (Video)**
Long time   Fine
Normal   Super Fine

⑰ **Recording Status (Video)**
Recording ready
Recording

1 Approximate value.
2 Switches to *QVGA (320 × 240)* (Landscape View) in *Speed Movie*.
3 Available when *Select Size* is QCIF (176 × 144).
4 Available only when Photo Mode is set to OFF (in normal and continuous shooting modes).

Auto Save

Captured still images and videos are automatically saved to handset.

Tip
· To set so that a preview window appears after recording:
[Photo Viewfinder]/[Video Viewfinder] ⇨ ⌨
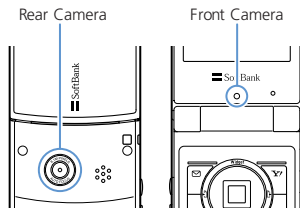⇨ *Auto Save Set* ⇨ ● ⇨ *OFF* ⇨ ●

Shake Correction

Camera is equipped with Shake Correction. This function reduces camera shake in 6 axial directions for still images and 4 axial directions for videos taken with the rear camera.
Set Shake Correction off when not needed.

7

Camera

Switching Cameras

1 **[Photo Viewfinder]/[Video Viewfinder]** ⇨ 🔳 ⇨ *Front Camera* or *Rear Camera* ⇨ ●

Rear Camera　　Front Camera

Rear Camera

Use for people, animals and scenery. Image appearing on Display appear as seen.

Front Camera

Use to photograph yourself. Image appearing on Display is in mirror display, but the saved image is displayed normally.

Capturing Still Images

1 MENU ⇨ *Camera* ⇨ ● ⇨ *Photo Mode* ⇨ ●

2 **Frame image in Viewfinder** ⇨ ●

When the focus locks, Focus Frame turns green and shutter is released.
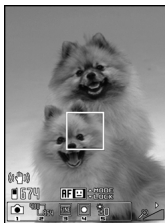Image is automatically saved.

Photo Viewfinder

Tip

• Alternatively, press and hold 📷 to activate Camera in Photo Mode.

Photo Preview Window

Appears when *Auto Save Set* is set to *OFF*. Press ● to save image.

Photo Preview Window

■ **To Discard the Shot Image and Return to Viewfinder**
⇨ CLEAR ⇨ *YES* ⇨ ●

Tip

• Attach still images to S! Mail or set as wallpaper (P. 7-15).
• Still images are stored in My Picture under Data Folder. See P. 14-23 for details on changing the storage location to Memory Card.
• Shutter clicks even if focusing fails and Focus Frame turns red.

Available Functions

AF Change	Ⓒ
AF Lock	Ⓠ
Face Select Mode[1]	Press and hold Ⓠ • Press ⌨ or ⌨ and move Focus Frame to the subject. Press and hold Ⓠ again.
Zoom In	◑
Zoom Out	◐
Open Menu	⌨
Toggle Camera Mode	①
Select Size	②
Quality Setting	③
Photo Mode	④
Adjust Brightness	⑤
White Balance[2]	⑥
Toggle Viewfinders[3]	⑨
Help	⓪

1 Available when AF is set to *Face ON*.
2 Available when *Photo Mode* is set to *OFF*.
3 Available when *Auto-change Screen* is set to *OFF*.

7

Camera

More Features

Advanced

During Shooting
- Use Camera Menu
- Switch Color Modes
- Reduce Flicker
- Check Storage Capacity
- Set Shake Correction
- Attach Location Information During Shooting

(▶ P. 7-14)

After Shooting
- Zoom In/Out
- Upload Still Image to Blog
- Send Still Image with Graphic Mail
- Attach Still Image to Mail and Send
- Show Mirror Image of Shot Still Image
- Save Mirror Image of Shot Still Image
- Show Shot Still Image in Standby
- Attach Location Information After Shooting

(▶ P. 7-14)

Customize

Camera Settings
- Set Shutter Sound
- Set Display for Landscape View Shooting

(▶ P. 14-23)

File Storage
- Set Storage Location for Shot Still Images

(▶ P. 14-23)

Recording Videos

1. MENU ⇨ *Camera* ⇨ ● ⇨ *Movie Mode* ⇨ ●

Video Viewfinder

2. **Frame image in Viewfinder** ⇨ ●
Recording starts.

3. ●
Recording ends.
Video is automatically saved.

Video Preview Window

Appears when *Auto Save Set* is set to *OFF*. Press ● to save video.

Video Preview Window

■ **To Discard the Recording and Return to Viewfinder**
⇨ CLEAR ⇨ *YES* ⇨ ●

Tip

• Video is saved to *Videos* in Data Folder. The storage location can be changed to memory card (P. 14-23).

Available Functions

Zoom In	⊙
Zoom Out	⊙
Open Menu	✉
Toggle Camera Mode	1
Select Size	2
File Size Setting	3
Photo Mode	4
Adjust Brightness	5
White Balance	6
Toggle Viewfinders*	9
Help	0

* Available when *Auto-change Screen* is set to *OFF*.

Tip

• Key operation tones may be recorded if you adjust zoom, etc. while recording a video.

More Features

Advanced

During Shooting
- Use Camera Menu
- Set Image Quality
- Switch Color Modes
- Reduce Flicker
- Check Storage Capacity
- Change Video Type
- Set Shake Correction

After Shooting
- Upload Video to Blog
- Attach Video to Mail and Send
- Show Recorded Video in Standby
- Edit Title of Video

Customize

Video Settings
- Set Shutter Sound
- Set Display for Landscape View Shooting
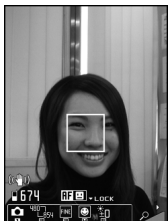
File Storage
- Set Storage Location for Shot Videos

7

Camera

Using Smile Mode

Camera automatically detects a smile and automatically releases the shutter.

1 **[Photo Viewfinder]** ⇨ 4 ⇨ 😊 ⇨ ⦿

Smile Mode Viewfinder

2 **Frame image in Viewfinder** ⇨ ⦿
When the person in Focus Frame smiles, the shutter is automatically released. 😊 flashes while the smile is being detected. Image is automatically saved.

Continuous Shooting

Shoot up to 20 still images continuously.
Automatic continuous shooting mode: Automatically shoots a set number of images at set intervals after you release the shutter.
Manual continuous shooting mode: Shoots a set number of images, each of which is shot by releasing the shutter manually.

● See P. 14-23 for details on setting interval/ number of shots for Continuous Shooting.

1 **[Photo Viewfinder]/[Video Viewfinder]** ⇨ 1 ⇨ 🔲 or 🔲 ⇨ ⦿

Continuous Shooting Viewfinder (Manual)

2 **Frame image in Viewfinder** ⇨ ⦿
Image is automatically saved.

Thumbnail Preview Window

Appears when *Auto Save Set* is set to *OFF*.
Press and hold ⛶, *Save* or *Mirror Save* and press ⦿ to save all still images.

Thumbnail Preview Window

■ **To Discard Shot Images and Return to Viewfinder**
⇨ CLEAR ⇨ *YES* ⇨ ⦿

Tip
• Image size can only be set to WQVGA, QVGA V. or QCIF.

7-10

Add Frames to Images

1 **[Photo Viewfinder]** ⇨ 📷 ⇨ *Select Frame* ⇨ ● ⇨ **Select a folder** ⇨ ● ⇨ **Select a frame** ⇨ ●

2 **Compose image in the frame** ⇨ ●
Image is automatically saved.

Framed Image Preview Window

Appears when *Auto Save Set* is set to *OFF*. Press ● to save image.

Framed Image Preview Window

■ **To Discard Shot Images and Return to Viewfinder**
⇨ CLEAR ⇨ *YES* ⇨ ●

Auto Timer

● Auto Timer returns to *OFF* after shooting.

1 **[Photo Viewfinder]/[Video Viewfinder]** ⇨ 📷 ⇨ *Auto Timer* ⇨ ●

2 *ON* ⇨ ● ⇨ **Enter time** ⇨ ●

3 **Frame image in Viewfinder** ⇨ ●▶
Auto Timer starts countdown, and Illumination flashes blue. About five seconds before shooting, a countdown tone sounds and Illumination flashes rapidly.
To stop Auto Timer, press ✉ or CLEAR.
▶ **For Still Images**
Images are automatically saved.
▶ **For Videos**
●
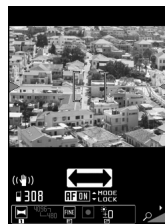Recording ends. Videos are automatically saved.

Tip

• To shoot manually during Auto Timer countdown, press ●.

Panoramic Shooting

Create a single panorama shot automatically by moving handset horizontally while shooting.
● Letting handset move up or down during shooting may produce a shot with a reduced height or blurring.
● A moving subject may be difficult to shoot.
● Shooting may fail with a subject having a simple pattern or no pattern.

1 **[Photo Viewfinder]/[Video Viewfinder]** ⇨ 1 ⇨ ▭ ⇨ ●

Panorama Cap. Window

7

Camera

7-11

Camera 7

2 Display one end of subject ⇨ ●
Panorama shooting starts.

Panorama Shooting

Pan left or right as horizontally as possible so the subject does not deviate up or down from the displayed green line. Keep a good panning speed so that GOOD appears. If the speed is too fast, FAST appears and the scene cannot be captured properly.

3 ●
Panorama shooting ends.
Image is automatically saved.
Shooting automatically ends if the maximum storable capacity is reached.

Speed Movie

Use to check fast-moving subjects. Video is played back in slow-motion.
● Available in Landscape View.

1 [Photo Viewfinder]/[Video Viewfinder] ⇨ 1 ⇨ 🎬 ⇨ ●

2 Frame image in Viewfinder ⇨ ●
Recording starts.

3 ●
Recording ends.
Video is automatically saved.

Chance Capture

Continue recording a video until you shoot the desired scene even when the available recording time is over.

1 [Photo Viewfinder]/[Video Viewfinder] ⇨ 1 ⇨ 🎬 ⇨ ●

2 Frame image in Viewfinder ⇨ ●
Recording starts.
When the available recording time is over, the remaining time indication flashes.

3 ●
Recording ends.
Video is automatically saved.

Note
・ When recorded video exceeds available memory, handset saves the maximum recordable time from the end of recording. Initial portion is deleted.

Recording Only Sound

Record only audio in Movie Mode (Voice Mode).

1 [Photo Viewfinder]/[Video Viewfinder] ⇨ 1 ⇨ 🖊 ⇨ ●

2 ●
Recording starts.

3 ●
Recording ends.
Video is automatically saved.

Tip
・ To activate Voice Mode from Main Menu:
MENU ⇨ *Camera* ⇨ ● ⇨ *Voice Mode* ⇨ ●

🌐 More Features

💡 Advanced

After Shooting
- View Images
- Save One Frame
- Save Only Selected Images
- Save as Animation
- Open an Image as Mirror Image
- Attach to Mail
- Change Frame before Saving Image

(▶ P. 7-14)

🔧 Customize

Camera Settings
- Set Level of Smile for Smile Mode
- Set Interval for Continuous Shooting
- Set Number of Shots for Continuous Shooting

(▶ P. 14-23)

File Storage
- Set Storage Location for Shot Still Images

(▶ P. 14-23)

During Shooting

Start Here

Use Camera Menu

【Photo Viewfinder】 / 【Video Viewfinder】
⇨ ⊡ ⇨ Select an item ⇨ ⦿

Set Image Quality

【Video Viewfinder】 ⇨ ⏛ ⇨ *Quality
Setting* ⇨ ⦿ ⇨ Select an item ⇨ ⦿

Switch Color Modes

【Photo Viewfinder】/【Video Viewfinder】 ⇨
⏛ ⇨ *Camera Settings* ⇨ ⦿ ⇨ *Effect* ⇨
⦿ ⇨ *Full Color*, *Sepia* or *Monochrome* ⇨
⦿

Reduce Flicker

【Photo Viewfinder】 / 【Video Viewfinder】
⇨ ⏛ ⇨ *Camera Settings* ⇨ ⦿ ⇨ *Flicker*
⇨ ⦿ ⇨ *Auto*, *Mode 1 (50Hz)* or *Mode 2
(60Hz)* ⇨ ⦿

Check Storage Capacity

【Photo Viewfinder】/【Video Viewfinder】 ⇨
⏛ ⇨ *Memory Info* ⇨ ⦿

Change Video Type

【Video Viewfinder】 ⇨ ⏛ ⇨ *Movie Type
Set* ⇨ ⦿ ⇨ *Normal*, *Video* or *Voice* ⇨ ⦿

Set Shake Correction

【Photo Viewfinder】/【Video Viewfinder】 ⇨
⏛ ⇨ *Shake Correction* ⇨ ⦿ ⇨ *Auto* or
OFF ⇨ ⦿

Attach Location Information During Shooting

【Photo Viewfinder】 ⇨ ⏛ ⇨ *Attach
Location* ⇨ ⦿ ⇨ *From Position Loc.*, *From
Loc. History*, *From Phonebook* or *From
Owner Details* ⇨ ⦿ (⇨ Enter Security
Code ⇨ ⦿) (⇨ Select location information
⇨ ⦿)

📝 To check the attached Location Information,
select *Loc. Info Detail* and press ⦿.
📝 To delete the attached Location Information,
select *Delete Loc. Info* and press ⦿.

After Shooting

Start Here

Zoom In/Out

【Photo Preview】 window ⇨ ⏸ ⇨ ⊡ or
⏸ to zoom in or out.
📝 Press ⏛ to return to original size.

Upload Still Image/Video to Blog

【Photo Preview】 window/【Video Preview】
window ⇨ ⊡ ⇨ *Blog Cont*. or *Blog
Contribution* ⇨ ⦿ (⇨ *Attach Mail*, *QVGA
Scale Down* or *VGA Scale Down* ⇨ ⦿) ⇨
Create S! Mail ⇨ ⊡

📝 Specify a blog upload destination beforehand
with Blog/Mail Member (P. 5-4).
📝 You may not be able to upload depending on
video image size.

Send Still Image with Graphic Mail

【Photo Preview】window ⇨ 🖂 ⇨ *Insert Image* ⇨ ◉ ⇨ *Insert Mail* or *SubQCIF Scale Down* ⇨ ◉ ⇨ Create Graphic Mail ⇨ 🖂

Attach Still Image/Video to Mail and Send

【Photo Preview】window/【Video Preview】window ⇨ 🖂 ⇨ *Attach Image* or *Compose Message* ⇨ ◉ (⇨ *Attach Mail*, *QVGA Scale Down* or *VGA Scale Down* ⇨ ◉) ⇨ Compose S! Mail ⇨ 🖂

📳 You may not be able to upload depending on video image size.

Show Mirror Image of Shot Still Image

【Photo Preview】window ⇨ 🔲 ⇨ *Mirror Display* ⇨ ◉

Save Mirror Image of Shot Still Image

【Photo Preview】window ⇨ 🔲 ⇨ *Mirror Save* ⇨ ◉

Show Shot Still Image in Standby

【Photo Preview】window ⇨ 🔲 ⇨ *Set as Display* ⇨ ◉ ⇨ *Stand-by Display* ⇨ ◉ ⇨ Select a layout ⇨ ◉ ⇨ Check preview ⇨ ◉

Attach Location Information After Shooting

【Photo Preview】window ⇨ 🔲 ⇨ *Attach Location* ⇨ ◉ ⇨ *From Position Loc.*, *From Loc. History*, *From Phonebook* or *From Owner Details* ⇨ ◉ (⇨ Enter Security Code ⇨ ◉) (⇨ Select location information ⇨ ◉)

📳 To check the attached Location Information, select *Loc. Info Detail* and press ◉.
📳 To delete the attached Location Information, select *Delete Loc. Info* and press ◉.

Show Recorded Video in Standby

【Video Preview】window ⇨ 🔲 ⇨ *Set as Stand-by* ⇨ ◉

Edit Title of Video

【Video Preview】window ⇨ 🔲 ⇨ *Edit Title* ⇨ ◉ ⇨ Edit title ⇨ ◉

View Images

【Thumbnail Preview】window ⇨ Select an image ⇨ 🖂

📳 Press ⊙ to switch to the previous/next image.

Save One Frame

【Thumbnail Preview】window ⇨ Select an image ⇨ ◉ ⇨ 🔳 ⇨ *Save* or *Mirror Save* ⇨ ◉

Save Only Selected Images

【Thumbnail Preview】window ⇨ Select an image ⇨ ◉ ⇨ Repeat the same step ⇨ 🔳 ⇨ *Save* or *Mirror Save* ⇨ ◉

📳 Select a checked image and press ◉ to cancel the selection.

Save as Animation

【Thumbnail Preview】window ⇨ 🔲 ⇨ *Store All&Anime* ⇨ ◉ ⇨ *Save* or *Mirror Save* ⇨ ◉ ⇨ Select a destination ⇨ ◉

Open an Image as Mirror Image

【Thumbnail Preview】window ⇨ 🔲 ⇨ *Mirror Display* or *Normal Display* ⇨ ◉

7

Camera

7-15

Attach to Mail

【Thumbnail Preview】window ➪ Select an image ➪ ✉ (twice) ➪ *Attach Image* ➪ ●
(➪ *Attach Mail/QVGA Scale Down* ➪ ●)
➪ Compose S! Mail ➪ ✉

Change Frame before Saving Image

【Framed Image Preview】window ➪ 回 ➪
Change Frame ➪ ● ➪ Select a folder ➪
● ➪ Select a frame ➪ ● (twice)

7

Camera