Camera & Imaging

Capturing Image, Recording Movie & Editing

Use handset camera to capture images and record movies. Edit images and print them via Bluetooth® or USB-compatible printers.

Capturing Images & Recording Movie Clips

Select Scene, Multi Shot, etc. (➋P.7-3).
Record up to two hours per clip (➋P.7-10).

Editing Images

Editing images: Resize or draw, etc. (➋P.7-13).

Printing Images

Send images to printer via Bluetooth® or USB cable (➋P.7-17).

Capturing options and corresponding image sizes:

Capture Mode	Image Size
Normal Scene Face shot Smile shot	8M (2448x3264/3264x2448) Wide 6M (1960x3264/3264x1960) 5M (1920x2560/2560x1920) Wide 4M (1536x2560/2560x1536) 2M (1200x1600/1600x1200) Wallpaper (480x800/800x480) 0.3M (480x640/640x480) Mail (240x320/320x240)
Multi shot Photo combi Panorama shot	Wallpaper (480x800/800x480) 0.3M (480x640/640x480)
Video	VGA (640x480) QVGA (320x240) QCIF (176x144) SQCIF (128x96) S! Mail (176x144) S! Mail (128x96)
Sub camera	0.3M (480x640/640x480) Mail (240x320/320x240)

Camera

For capturing still images, select Shooting mode: *Normal* to shoot single image and *Multi shot* or *Photo combi* to shoot multi-shot.
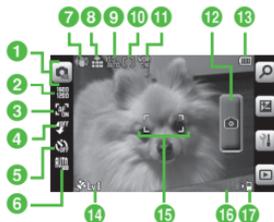Captured images are saved to Pictures. Insert Memory Card to save images to Digital camera.

Note

Avoid getting too close to light. Eyesight may be affected.

Using Display as Viewfinder

Hold handset sideways to change Display to Landscape view. Hold handset vertically to change Display to Portrait view.

● The view does not change between Portrait and Landscape view during Multi-shot, Photo Combination, or video recording.
● Operations are described in Landscape view in this guide.

Still Image Viewfinder

❶ Mode

    ◻ : Normal

    ◻ : Sub camera

    ⛰ : Scene   🔲 : Auto*

                      🏔 : Landscape*

                      🏃 : Sports*

                      🌙 : Night*

                      🏠 : Indoor*

                      🏖 : Beach/Snow*

                      🌆 : Dusk/Dawn*

                      𝕋 : Text*

    ◉ : Face shot   🖼 : Type (Dramatic)*

                      🖼 : Type (Natural)*

    ◉ : Smile shot   🖼 : Type (Dramatic)*

                      🖼 : Type (Natural)*

    🔳 : Multi shot   🔲 : 6/9 Images (six images)*

                      🔲 : 6/9 Images (nine images)*

                      📷 : Speed (Fast)*

                      📷 : Speed (Normal)*

                      📷 : Speed (Slow)*

                      📷 : Speed (Manual)*

    🖼 : Photo combi

    🖼 : Panorama shot

*Shown between shooting mode and shooting size.

2 Size (the size varies on the view)

🈳 : 8M (3264×2448) *

🈳 : Wide 6M (3264×1960) *

🈳 : 5M (2560×1920) *

🈳 : Wide 4M (2560×1536) *

🈳 : 2M (1600×1200) *

🈳 : Wallpaper (800×480)

🈳 : 0.3M (640×480)

🈳 : Mail (320×240) *

*Only when the shooting mode is set to *Normal*, *Scene*, *Face shot* or *Smile shot.*

3 Focus

🈳 : Macro 🈳 : AF

4 Light

🈳 : On 🈳 : Off

5 Timer

🈳 : Off 🈳 : 3 seconds

🈳 : 5 seconds 🈳 : 10 seconds

6 White balance

🈳 : Auto 🈳 : Daylight

🈳 : Incandescent 🈳 : Fluorescent

🈳 : Cloudy

7 Anti-shake

🈳 : Anti-shake On

None: Anti-shake Off

● If *Wide dynamic range* is *On*, *Anti-shake* is not available.

8 Quality

🈳 : Superfine

🈳 : Fine

🈳 : Normal

9 ISO

🈳 : Auto 🈳 : 100 🈳 : 200 🈳 : 400 🈳 : 800

10 Exposure metering

🈳 : Matrix 🈳 : Center-weight

🈳 : Spot

11 Wide dynamic range

🈳 : Wide dynamic range On

None : Wide dynamic range Off

● If *Anti-shake* is *On*, *Wide dynamic range* is not available.

12 Shutter

13 Battery level

14 Accuracy for location

15 Focus frame

16 Number of remaining available shots

17 Save to

🈳 : Phone or ask each time

🈳 : Memory Card or Digital camera

● Tapping the icons (2 to 6) at the left side of Viewfinder opens a menu.
● Tapping an image on Viewfinder shows or hides icons/the current settings.
● Focus is fixed for Sub camera.

Camera & Imaging

Shooting Mode	Description
Normal	Capture still image and select size for purpose; attach images to S! Mail, save as Wallpaper, etc.
Scene	Capture still image that suits for taking night view or scene.
Face shot	Captures still images of faces.
Smile shot	Recognizes smiles, and captures image automatically.
Multi shot	Press shutter once to capture six or nine sequential images.
Photo combi	Capture sequential images manually. Select Frame to automatically combine the images into one image.
Panorama shot	Ideal for landscape. Capture up to six images to automatically composite them into a single panoramic image.

Single Shot

Tapping icon area left of Viewfinder.

In Image settings, Tap *OK*

Tap Shutter

Save automatically or manually depending on *Auto save* settings (●P.14-18).

● Adjusting size and brightness are available for still images (●P.7-18).

● Attach captured image to message (●P.7-18).

Normal

Captured images are saved to Pictures. Insert Memory Card to save images (*0.3M* images and larger) to Digital camera.

●When Memory Card is not inserted and save location is set to Digital camera, *Mail* images are automatically saved to Pictures folder.

1 ◘▭▭ (2 + seconds)

● Alternatively, tap Menu → *Camera* → *Camera*.
● Adjust settings before capturing as required (➲P.7-18).

2 Frame image in Viewfinder

● Press ▣ / ▣ to zoom in/out.

3 ◘▭▭ / ▭

● Images are saved automatically.

●Set *Auto save* to *Off* to save manually (➲P.14-18).
●Using Auto Focus
When *Focus* is set to *AF*, Auto Focus is available; automatically focusing a subject at the center of the frame.
Press ◘▭▭ halfway to focus on. Then press ◘▭▭ to capture still image.
Frame turns green when image is in focus. Frame turns brown if image is not in focus.

Sub Camera

Capture still images of oneself.

1 Tap Menu → *Camera* → *Sub camera*

● Adjust settings before capturing as required (➲P.7-18).

2 Frame image in Viewfinder

● Zoom in/out cannot be performed.
● Focus is fixed.

3 ◘▭▭ / ▭

● Images are saved automatically.

●Set *Auto save* to *Off* to save manually (➲P.14-18).
●Changing mode from Sub camera to other is unavailable.
●Macro, Light, Anti-shake, ISO, Exposure metering, Wide dynamic range, Contrast, Saturation and Sharpness are not available for sub camera.

Scene

1 ◘▭▭ (2 + seconds)

2 ▣ → *Scene*

3 Tap icon area left of Viewfinder → *Scene* → Select a scene → *OK*

● Adjust settings before capturing as required (➲P.7-18).
● To close the menu, tap an area other than menu items.

4 Frame image in Viewfinder

● Press ▣ / ▣ to zoom in/out.

5 ◘▭▭ / ▭

● Images are saved automatically.

●Set *Auto save* to *Off* to save manually (➲P.14-18).
●Macro, Anti-shake, ISO, Exposure metering, Wide dynamic range, Contrast, Saturation, Sharpness, and brightness are not available for Scene.

Face Shot

1 ◘ ⎯⎯ (2 + seconds)

2 ◘ → *Face shot*

3 Tap icon area left of Viewfinder
→ *Type* → Select type → *OK*

- Adjust settings before capturing as required
(●P.7-18).
- To close the menu, tap an area other than
the menu items.

4 Frame image in Viewfinder

- Press ⌐ / ⌐ to zoom in/out.

5 ◘ ⎯⎯ / ⎯⎯⎯

- Images are saved automatically.

●Set *Auto save* to *Off* to save manually (●P.14-18).
●Macro, Anti-shake, ISO, Exposure metering,
Wide dynamic range, Contrast, Saturation, and
Sharpness are not available for Face shot.

Smile Shot

1 ◘ ⎯⎯ (2 + seconds)

2 ◘ → *Smile shot*

3 Tap icon area left of Viewfinder
→ *Type* → Select type → *OK*

- Adjust settings before capturing as required
(●P.7-18).
- To close the menu, tap an area other than
menu items.

4 Frame image in Viewfinder

- Press ⌐ / ⌐ to zoom in/out.

5 ◘ ⎯⎯ / ⎯⎯⎯

- Handset recognizes smile, and captures
image automatically.
- Images are saved automatically.

●Set *Auto save* to *Off* to save manually (●P.14-18).
● Macro, Timer, Anti-shake, ISO, Exposure metering,
Wide dynamic range, Contrast, Saturation, and
Sharpness are not available for Smile shot.

Multi Shot

1 ◘ ⎯⎯ (2 + seconds)

2 ◘ → *Multi shot*

3 Tap icon area left of Viewfinder
→ *6/9 photos* → Select image
count

4 *Speed* → *Fast, Normal, Slow*
or *Manual* → *OK*

- Adjust settings before capturing as required
(●P.7-18).
- To close the menu, tap an area other than
menu items.

5 Frame image in Viewfinder

- Press ⌐ / ⌐ to zoom in/out.

6 ◘ ⎯⎯ / ⎯⎯⎯

- Images are saved automatically when
capturing of images is over.
- If *Speed* is set to *Manual*, repeat **6**. Tap
■ to stop shooting and save the images. To
redo, tap ⌐ or press ⎯CLEAR⎯.

●Set *Auto save* to *Off* to save manually (●P.14-18).
●When *Auto save* is *Off* or *On(Preview manual)*,
all images captured using Multi shot are shown.
After **6**, tap Save to save.
●Anti-shake, Wide dynamic range, and Face link
display are not available for Multi shot.

Photo Combination

1 ⌂▭ (2 + seconds)

2 ◎ → *Photo combi*

3 **Tap icon area left of Viewfinder → *Style* → Select a style → *OK***
- Adjust settings before capturing as required (➥P.7-18).
- To close the menu, tap an area other than menu items.

4 **Frame image in Viewfinder → Apply selected frame and press ⌂▭ / ▭**
- Press ⌐ / ⌐ to zoom in/out.

5 **Repeat 4 to capture images**
- To redo, tap ⊅ or press ⌐CLEAR⌐.
- Images are saved automatically when capturing images end.

●Set *Auto save* to *Off* to save manually (➥P.14-18).
●Anti-shake, Wide dynamic range, and Face link display are not available for Photo Combination.

Panorama Shot

1 ⌂▭ (2 + seconds)

2 ◎ → *Panorama shot*
- Viewfinder appears in Landscape.
- Adjust settings before capturing as required (➥P.7-18).
- To close the menu, tap an area other than menu items.

3 **Frame image in Viewfinder**
- Press ⌐ / ⌐ to zoom in/out.

4 ⌂▭ / ▭

5 **Move handset to capture an image (vertically or horizontally) → Adjust small white border inside big black border to automatically capture image**

6 **Repeat 5 to capture range**
- To create panorama image while capturing images, tap ⌂▭ / ▪ .
- To redo, tap ⊅ or press ⌐CLEAR⌐.
- Alternatively, capturing six images automatically ends capturing.
- Panorama images are created and saved automatically.
  Depending on the number of images to be captured, processing may take time.

●Set *Auto save* to *Off* to save manually (➥P.14-18).
●Anti-shake, Wide dynamic range, and Face link display are not available for Panorama shot.
●Move handset slowly to capture panoramic image.
●Panorama is ideal for capturing landscapes. Stand at least ten meters from subject. If too close panoramic image creation may fail.
●Low light or high contrast may hinder panoramic image creation.

Viewing Captured Images (Quick Play)

1 ⚬▭ (2 + seconds) → ▣

2 ◁ / ▷ **to view Image**
- With Memory Card inserted, *Memory card* or *Digital camera* is selectable.
- Saved media files are shown. Edit save location settings to switch between Phone/Memory Card (❂P.14-18).
- Alternatively, open still image from Data Folder (❂P.12-4).

Advanced

🔧 **Advanced Settings** ☞P.7-18

- Sending Captured Still Images
- Entering File Name of Captured Still Image
- Setting Captured Still Image as Wallpaper etc.
- Editing Captured Image
- Editing Quick Play Still Image
- Using Oekaki Anime with Quick Play Still Image
- Using Quick Play Still Image as Wallpaper, etc.
- Viewing Quick Play Image Details
- Playing Quick Play Image Slide Show
- Sending Quick Play Still Images
- Deleting Quick Play Images
- Exiting Quick Play

🔧 **Settings**

- Set Anti-Shake (☞P.14-17)
- Activate/Cancel Auto Save (☞P.14-18)
- Set Contrast (☞P.14-17)
- Set Saturation (☞P.14-17)
- Set Sharpness (☞P.14-17)
- Add/Eliminate Location Info (☞P.14-18)
- Select Quality (☞P.14-18)
- Set ISO (☞P.14-18)
- Set Exposure Metering (☞P.14-18)
- Set Wide Dynamic Range (☞P.14-18)
- Set Save Location When Memory Card is Inserted (☞P.14-18)
- Show/Hide Guideline (☞P.14-18)
- Set Face Link Display (☞P.14-18)
- Set Shutter Sound (☞P.14-18)
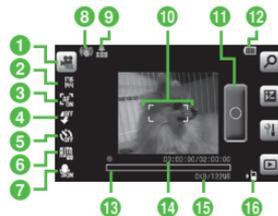- Set Timer Sound (☞P.14-18)

Video

Capture clips easily. Files are saved in 3GP format to Video folder in Data Folder. When recording a video to attach or insert into an S! Mail, set Shooting size to **S! Mail** (➋P.7-20).

Note

Avoid getting too close to light. Eyesight may be affected.

Using Display as Viewfinder

Video Viewfinder

1 Mode
　🎬 : Video

2 Size
　📷 : VGA (640×480) *
　📷 : QVGA (320×240) *
　📷 : QCIF (176×144)
　📷 : SQCIF (128×96)

　📷 : S! Mail (176×144)
　📷 : S! Mail (128×96)
　* Only for Landscape view

3 Focus
　📷 : Macro　📷 : AF

4 Light
　📷 : On 📷 : Off

5 Timer
　📷 : Off 📷 : 3 seconds
　📷 : 5 seconds 📷 : 10 seconds

6 White balance
　📷 : Auto 📷 : Daylight
　📷 : Incandescent 📷 : Fluorescent
　📷 : Cloudy

7 Sound
　📷 : On 📷 : Off

8 Anti-shake
　📷 : Anti-shake On
　None: Anti-shake Off

9 Quality
　📷 : Superfine 📷 : Fine 📷 : Normal

10 Focus frame

11 Shutter

7

Camera & Imaging

⑫ Battery level

⑬ Progress bar

⑭ Elapsed recording time/Available recording time
  ●If Size is set to **S! Mail**, only the elapsed recording time appears.

⑮ Expected video size/Available memory at the time you started the shooting
  ●If Size is set to **S! Mail**, the shooting data size/available shooting size appear.

⑯ Save to
  ▷🖫 : Phone
  ▷🗂 : Memory Card

●Tapping the icons (❷ to ❼) at the left side of Viewfinder opens a menu.
●Tapping an image on Viewfinder shows or hides icons/the current settings.
●Sub camera cannot capture videos.
●If recorded video size is too big or memory is low, recording ends before maximum recording time is reached.

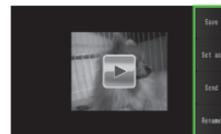| Shooting Mode	Description
Video	Record video suitable for attaching to S! Mail or saving to handset.

Recording Video

Tapping icon area
left of Viewfinder.

In Video settings,
Tap **OK**

Tap Shutter

Save automatically or
manually depending on
Auto save settings (◉P.14-19).

● Adjusting size and brightness are available for video (◉P.7-20).

● Attach recorded video to message (◉P.7-20).

Video Mode

Record up to two hours for one clip.

1 Tap Menu → *Camera* →
Video camera

- Adjust settings before capturing as required
(●P.7-20).

2 Frame image in Viewfinder

- Press 🖰 / 🖳 to zoom in/out.

3 📷▭◯ / ▭◯▭

- To pause while recording, tap 🕕 . To resume
the recording, tap ▭◯▭.

4 📷▭◯ / ▭

- Video is saved automatically. When
recordable time has elapsed, recording
automatically ends.

●Set *Auto save* to *Off* to save manually (●P.14-19).
●Using Auto Focus
When *Focus* is set to *AF*, Auto Focus is
available; automatically focusing a subject at the
center of the frame (the focus is locked while
recording a video).
Press 📷▭◯ halfway to focus on. Then press
📷▭◯ all the way to start recording.
Frame turns green when image is in focus. Frame
turns brown if image is not in focus.
●Wide dynamic range is not available for video.

Viewing Recorded Video
(Quick Play)

1 Tap Menu → *Camera* →
Video camera → 📷▭

2 ◁ / ▷ to select video → ▶

- Alternatively, check video from Data Folder
(●P.12-4).

Advanced

🔧 **Advanced Settings** ☞ P.7-20

- Sending Recorded Video
- Entering File Name of Recorded Video
- Using Recorded Video as Ringtone
- Using Quick Play Video as Ringtone
- Viewing Quick Play Video Details
- Sending Quick Play Video
- Deleting Quick Play Video
- Exiting Quick Play

🔧 Settings

- Set Anti-Shake (☞P.14-17)
- Set Contrast (☞P.14-17)
- Set Saturation (☞P.14-17)
- Set Sharpness (☞P.14-17)
- Select Quality (☞P.14-19)
- Activate/Cancel Auto Save (☞P.14-19)
- Set Save Location (☞P.14-19)
- Show/Hide Guideline (☞P.14-19)
- Set Shutter Sound (☞P.14-19)
- Set Timer Sound (☞P.14-19)

Editing Still Images

Set image brightness, size and effect.

1 Tap Menu → *Data Folder* → **Select a folder**

2 Select a file
- If confirmation appears, tap *OK*.

3 Tap Edit → *Image editor*

4 Edit image

■ **To Set Effects on Image**
Tap Effect → *Filter*, *Style*, *Warp* or *Finger warp* → Select an effect or drag image → Tap Done
- For some effects, adjust the effect level.

■ **To Adjust an Image Automatically**
Tap Adjust → *Auto level*

■ **To Adjust an Image**
Tap Adjust → *Brightness*, *Contrast* or *Color* → Adjust image → Tap Done

■ **To Resize an Image**
Tap Transform → *Resize* → Select a size
- After selecting *Customize*, enter *Width* and *Height*, and tap Done.

■ **To Rotate an Image**
Tap Transform → *Rotate* → ◁ or ▷ → Tap Done

■ **To Flip an Image**
Tap Transform → *Flip* → ☒ or ☒ → Tap Done

■ **To Crop an Image**
Tap Transform → *Crop* → Drag frame and drop to area to crop → Drag corner of frame to change its size → Tap Done
- To undo, tap ⊃.

5 Tap Save → Enter file name

Oekaki

Create Flash® videos or Pictograms from Oekaki data.

Oekaki Anime

Draw lines/shapes or insert text on still image. In addition, add motions to drawings to create Flash® images.

1 Tap Menu → *Oekaki* → *Oekaki anime*

2 Tap Canvas → *Pictures* or *Digital camera* → Select a still image
- To select a file from Digital Camera folder, insert Memory Card.

3 Select image size

■ **To Set Image to Wallpaper, etc.**
Normal (2MB)
- Images are automatically resized to smaller than 800 x 480 pixels.

■ **To Attach Image to Messages to Send**
S! Mail (1MB) / S! Mail (300KB) / S! Mail (150KB)
- Images will be resized to sendable size.

4 Adjust settings as required → Tap OK

■ To Resize Images

─ / ＋

■ To Rotate Image

⟲ / ⟳

■ To Invert Image

⤓ / ⤒

5 Draw

Touch Panel Close Icon

Mode Switch Icon

Oekaki Anime Window

■ To Draw Lines

Tap Mode switch icon → *Pen* → 🖉 → Select a line type → ⌁ → Select a line width → 🗌 → Select a line color → Draw lines

■ To Draw Shapes

Tap Mode switch icon → *Shape* → 🔲 → Select a shape → ⌁ → Select a line width → 🗌 → Select a Contour color → 🖌 → Select a color → Draw shapes

●Drag as if tracing a diagonal line.

■ To Insert Text

Tap Mode switch icon → *Text* → ▦ → Enter text → 📷size → Adjust font size → 🅣style → Select a font style → 🖋color → Select a font color → Drag text to desired place
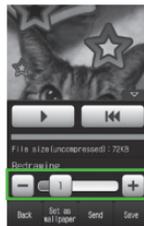
■ To Insert Stamps

Tap Mode switch icon → *Stamp* → 🖼 → *Preset stamp* → ♥ → Select a stamp → 🖼 → Adjust stamp size → Tap OK → 🖼 → ⟲ / ⟳ / ⤓ / ⤒ → Tap OK → Tap an area to paste the stamp

■ To Add a Motion to the Pasted Stamp

Tap Motion → Tap a stamp to add a motion → Tap OK → *Preset* → Select a motion → Tap OK

●Each icon represents the current setting. Changing settings changes the corresponding icon.

●Press ✎ to toggle show/hide Touch Panel/Toolbar.

6 Tap More → *Preview* → Confirm the image

Setting Redrawing Speed

Preview

●Redrawing allows you to perform the following operations:

- ⏸ / ▶ : Pause/Resume
- ⏮ : Play from the beginning

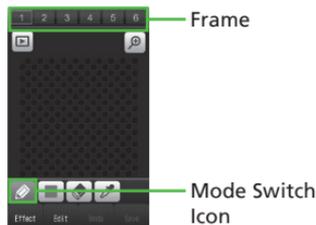## 7 Tap Save → *Save as Flash®* or *Save as image* → Enter file name

●To save a file to *Memory card*, insert Memory Card.

Oekaki Pict

Create Pictograms from Oekaki data. Create animated Pictograms from multiple Oekaki data.

1 Tap Menu → *Oekaki* → *Oekaki pict*

2 Draw

Frame

Mode Switch Icon

Oekaki Pict Window

■ To Draw Picture by Hand

Tap Mode switch icon → *Pen* → ■ →
Select color → Draw

■ To Use Pict Stamp

Tap Mode switch icon → *Pict stamp* →
 → Select stamp → Tap Display

■ To Use Bucket Tool

Tap Mode switch icon → *Bucket tool* →
■ → Select color → Tap Display to color

3 Tap 1 to 6 and repeat **2**

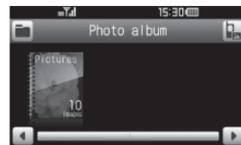**4** ▣ → Preview pictogram

5 Tap Save → Enter file name

● Using Oekaki Anime with Camera Images
● Using Oekaki Anime with Colored Background
● Undoing Edit Operation of Oekaki Anime
● Setting Created Image to Wallpaper
● Saving & Sending Created Image
● Adding Blur Effect to Created Pictogram
● Inverting Created Pictogram
● Rotating Created Pictogram
● Moving Created Pictogram
● Copying pictogram to the next Frame
● Merging all of the pictograms into Frame
● Deleting selected Frame
● Deleting the entire Frame
● Undoing changes

Photo Library

Photo Album

View JPEG still images in handset or Memory Card.

1 Tap Menu → *Photo Library* →
Photo album

2 Select a folder

3 Select a file

● Some files may not appear.
● In folder list or file list, drag folder/file, tilt handset or swipe to scroll the screen.
● Touch and hold the portion of the image to be enlarged, and scroll the image in order to view it. To go back to normal view, tap OK/press CLEAR .
● Scroll image to view next image.

Playing Photo Movie

Add background music and effects to Slide show.

1 Tap Menu → *Photo Library* → *Photo movie*

- Press 🔼 / 🔽 to adjust volume of handset.

Create a Slide Show

1 Tap Menu → *Photo Library* → *Photo movie*

2 Tap Add → Check still images → Tap Add → Tap OK

- When Memory Card is inserted, select files from *Pictures*/*Digital camera* after tapping Add.
- If Photo movie file exists, tap Playlist → Tap Add to view image.

3 Tap Effect → Select effect

- When selecting effects, tap ▶ to play effect.

4 Tap BGM → Tap Add → Check background music → Tap Add → Tap OK

- Press ⌫ or ☎ → *Yes* to end creating Slide show.

Creating Flash® Slide

1 Tap Menu → *Photo Library* → *Create Flash® slide*

2 Select file size

■ **To Browse on Handset**
Normal (2MB)

■ **To Attach to Message**
S! Mail (1MB) / S! Mail (300KB) / S! Mail (150KB)

- Flash® slide size is resized to sendable size.

3 Tap Add → Check images → Tap Add

- When Memory Card is inserted, select files from *Pictures*/*Digital camera* after tapping Add.
- If file size exceeds limit, confirmation appears.

4 *Effect* → Select effect

- When selecting effects, tap ▶ to play effect.

5 Tap More → *Save* → Enter file name

- Save location can be set to *Memory card* if inserted.

● Changing Still Image Display

● Switch Folder

● Setting Opened Still Image as Wallpaper, etc.

● Sending Opened Still Image

● Editing Opened Still Image

● Using Oekaki Anime with Opened Still Image

● Deleting Opened File

● Deleting Photo Movie

● Viewing Detail for Photo Movie

● Deleting BGM

● Editing Photo Movie Screen Settings

● Setting Playback Speed for Photo Movie

● Setting playback sequence for Photo Movie

● Setting Sound Output for Photo Movie

● Setting Auto Off Time for Photo Movie

● Deleting Still Image from Flash® Slide

● Rearranging Still Images in Flash® Slide

● Previewing Flash® Slide

● Setting Created Flash® Slide as Wallpaper

Printing Still Images

Print still images saved on handset by connecting a printer via Bluetooth® or USB.
For more information about printer operations and paper setting, see printer User Manual.

Printing via Bluetooth®

Print images with Bluetooth® printer.
Pair Bluetooth® printer beforehand.

1 Tap Menu → *Data Folder* → **Select a file location**

2 Tap More → *Print*

3 *Via Bluetooth* → **Check files to print → Tap Print**

4 Drag device to connect to ⬚
● If no device is registered, search and register new device (❷P.13-6).

5 Set items as required

■**To Set Whether to Print a Frame or Not**
Under *Frame*, *On* or *Off*

■**To Set Paper Size**
Paper size → Select a paper size

■**To Set the Number of Copies**
Number of copies → Enter the number of copies (1 to 99)

■**To Set the Number of Pages to Print Per Sheet**
Page format → Select an item
●When selecting *Duplicate*/*Index*, select *Pages per sheet* → Select a setting (1 to 16 up).

■**To Set Whether to Print the Date or Not**
Under *Print date*, *On* or *Off*

■**To Set Print Quality**
Print quality → Select an item

6 Tap Preview → Tap Print

7

Camera & Imaging

7-17

Printing via USB

1 Tap Menu → *Data Folder* → Select a file location

2 Tap More → *Print*

3 *Via USB* → Check files to print

4 Connect handset to a printer via USB → Tap Print

5 Set items as required

■ **To Set Whether to Print a Border or Not**
Under *Border*, *On* or *Off*

■ **To Set Paper Size**
Paper size → Select a paper size

■ **To Set the Number of Copies**
Number of copies → Enter the number of copies (1 to 99)

■ **To Set the Number of Pages to Print Per Sheet**
Page format → Select an item
●When selecting *Duplicate*, select *Pages per sheet* → Select a setting (1 to 16 up).

■ **To Set Whether to Print the Date or Not**
Under *Print date*, *On* or *Off*

■ **To Set Print Quality**
Print quality → Select an item

6 Tap Preview → Tap Print

Advanced Settings

🔧 **Advanced Settings**

Capturing Still Images

Adjusting Brightness
In Viewfinder, tap 🖼 → Adjust brightness

Setting Shooting Size
Tap icon area left of Viewfinder → *Size* → Select item

Setting Macro
Tap icon area left of Viewfinder → *Focus* → *Macro*

Setting Light
Tap icon area left of Viewfinder → *Light* → *On* or *Off*

Setting Timer
Tap icon area left of Viewfinder → *Timer* → Select item

Setting White Balance
Tap icon area left of Viewfinder → *White balance* → Select item

Setting Effect (Color Tone)
Tap icon area left of Viewfinder → *Effects* → Select item

Sending Captured Still Images
After capturing still image, tap Send

● To operate above, set *Auto save* to *Off* or *On (Preview manual)* (○P.14-18).

■ **To Send via Message**
Via message → (○P.4-4 S! Mail ②)

■ **To Send via Bluetooth®**
Via Bluetooth → (○P.13-6 Sending One Item at a Time ②)

■ **To Send via Infrared**
Via infrared (○P.13-3)

■ **To Send via IC Transmission**
Via IC transmission (○P.13-8)

Entering File Name of Captured Still Image
After capturing still image, tap Rename → Enter file name

● To operate above, set *Auto save* to *Off* or *On (Preview manual)* (○P.14-18).

Setting Captured Still Image as Wallpaper etc.
After capturing still image, tap Set as

● To operate above, set *Auto save* to *Off* or *On (Preview manual)* (○P.14-18).

■ **To Set Image to Wallpaper**
Wallpaper → Operate the following as required:

Tap Rotate → 🔄 or 🔄 to toggle direction

Or,

Tap Zoom → 🔍 or 🔍 to adjust zoom level → Tap Set

■ **To Set Image to Incoming Image**
Caller ID → Search and select Phone Book entry
(❍P.2-18) → Tap Set

■ **To Set Image to Alternative Picture**
Still image → Tap OK

Editing Captured Image

After capturing still image, tap Edit

■ **To Edit Image**
Image editor → (❍P.7-13 Editing Still Images ❹)

■ **To Use Oekaki Anime**
Oekaki anime → (❍P.7-14 Oekaki Anime ❸)

● To operate above, set *Auto save* to *Off* or *On
(Preview manual)* (❍P.14-18).

Viewing Quick Play Still Image

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
Image

● The data saved in media set as *Save to* will be
viewed. To change the media, change *Save to*
(❍P.14-18).

Editing Quick Play Still Image

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
Image → Tap Image editor → (❍P.7-13 Editing
Still Images ❹)

● The data saved in media set as *Save to* will be
viewed. To change the media, change *Save to*
(❍P.14-18).

Using Oekaki Anime with Quick Play Still Image

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
Image → Tap Oekaki anime → (❍P.7-13 Oekaki
Anime ❸)

● The data saved in media set as *Save to* will be viewed.
To change the media, change *Save to* (❍P.14-18).

Using Quick Play Still Image as Wallpaper, etc.

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
image → Tap Set as

■ **To Set Image to Wallpaper**
Wallpaper → Operate the following as required:

Tap Rotate → ◁ or ▷ to toggle direction

Or,

Tap Zoom → 🔍 or 🔍 to adjust size → Tap Set

■ **To Set Image to Incoming Image**
Caller ID → Search and select Phone Book entry
(❍P.2-18) → Tap Set

■ **To Set Image to Alternative Picture**
Still image → Tap OK

● The data saved in media set as *Save to* will be
viewed. To change the media, change *Save to*
(❍P.14-18).

Viewing Quick Play Image Details

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
Image → Tap Details

● The data saved in media set as *Save to* will be viewed.
To change the media, change *Save to* (❍P.14-18).

Playing Quick Play Image Slide Show

□⏷ (2 + seconds) → □ → Tap Slide show

● Press ▽CLEAR▷ during playback to cancel Slide show.

● The data saved in media set as *Save to* will be viewed.
To change the media, change *Save to* (❍P.14-18).

Sending Quick Play Still Images

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
image → Tap Send

■ **To Send via Message**
Via message → (❍P.4-4 S! Mail ❷)

■ **To Send via Bluetooth®**
Via Bluetooth → (❍P.13-6 Sending One Item at a
Time ❷)

■ **To Send via Infrared**
Via infrared (❍P.13-3)

■ **To Send via IC Transmission**
Via IC transmission (❍P.13-8)

● The data saved in media set as *Save to* will be viewed.
To change the media, change *Save to* (❍P.14-18).

Deleting Quick Play Images

□⏷ (2 + seconds) → □ → ◁ / ▷ to view
image → Tap Delete → *Yes*

● The data saved in media set as *Save to* will be viewed.
To change the media, change *Save to* (❍P.14-18).

Exiting Quick Play

Tap Back to Camera during Quick Play

Recording Videos

Adjusting Brightness

In Viewfinder, tap 🔳 → Adjust brightness

Setting Shooting Size

Tap icon area left of Viewfinder → *Size* → Select item

Setting Macro

Tap icon area left of Viewfinder → *Focus* → *Macro*

Setting Light

Tap icon area left of Viewfinder → *Light* → *On/Off*

Setting Timer

Tap icon area left of Viewfinder → *Timer* → Select item

Setting White Balance

Tap icon area left of Viewfinder → *White balance* → Select item

Setting Effect (Color Tone)

Tap icon area left of Viewfinder → *Effects* → Select item

Setting Sound Recording

Tap icon area left of Viewfinder → *Sound* → *On/Off*

Viewing Recorded Video before Saving

After recording video, ▶

● To operate the above, set *Auto save* to *Off* (🔾P.14-19).

Sending Recorded Video

After recording video, tap Send

● To operate the above, set *Auto save* to *Off* (🔾P.14-19).

■ **To Send via Message**
Via message → (🔾P.4-4 S! Mail ❷)

■ **To Send via Bluetooth®**
Via Bluetooth → (🔾P.13-6 Sending One Item at a Time ❷)

■ **To Send via Infrared**
Via infrared (🔾P.13-3)

■ **To Send via IC Transmission**
Via IC transmission (🔾P.13-8)

Entering File Name of Recorded Video

After recording video, tap Rename → Enter file name

● To operate the above, set *Auto save* to *Off* (🔾P.14-19).

Using Recorded Video as Ringtone

After recording video, tap Set as

● To operate the above, set *Auto save* to *Off* (🔾P.14-19).

■ **To Set Video to Voice Ringtone**
Voice ringtone

■ **To Set Video to Video Ringtone**
Video ringtone

■ **To Set Video to Caller Ringtone**
Caller ringtone → Search and select Phone Book entry (🔾P.2-18)

Viewing Recorded Video via Quick Play

Tap Menu → *Camera* → *Video camera* → ▣
→ ◁ / ▷ to select a video → ▶

● The data saved in media set as *Save to* will be viewed. To change the media, change *Save to* (🔾P.14-19).

Using Quick Play Video as Ringtone

Tap Menu → *Camera* → *Video camera* → ▣
→ ◁ / ▷ to select a video → Tap Set as

■ **To Set Video to Voice Ringtone**
Voice ringtone

■ **To Set Video to Video Ringtone**
Video ringtone

■ **To Set Video to Caller Ringtone**
Caller ringtone → Search and select Phone Book entry (🔾P.2-18)

● The data saved in media set as *Save to* will be viewed. To change the media, change *Save to* (🔾P.14-19).

Viewing Quick Play Video Details

Tap Menu → *Camera* → *Video camera* → ▣
→ ◁ / ▷ to select a video → Tap Details

● The data saved in media set as *Save to* will be viewed. To change the media, change *Save to* (🔾P.14-19).

Sending Quick Play Video

Tap Menu → *Camera* → *Video camera* → 🖻
→ ◁ / ▷ to select a video → Tap Send

■**To Send via Message**
Via message → (⊛P.4-4 S! Mail ❷)

■**To Send via Bluetooth®**
Via Bluetooth → (⊛P.13-6 Sending One Item at a Time ❷)

■**To Send via Infrared**
Via infrared (⊛P.13-3)

■**To Send via IC Transmission**
Via IC transmission (⊛P.13-8)

●The data saved in media set as *Save to* will be viewed. To change the media, change *Save to* (⊛P.14-19).

Deleting Quick Play Video

Tap Menu → *Camera* → *Video camera* → 🖻 →
◁ / ▷ to select a video → Tap Delete → *Yes*

●The data saved in media set as *Save to* will be viewed. To change the media, change *Save to* (⊛P.14-19).

Exiting Quick Play

Tap Back to Camcorder during Quick Play

Oekaki

Using Oekaki Anime with Camera Images

Tap Menu → *Oekaki* → *Oekaki anime* → Tap Canvas → *Take photo* → Capture still image → 🔲 as required → *Normal(2MB) / S! Mail(1MB) / S! Mail(300KB) / S! Mail(150KB)* → Set items as required

■**To Resize Images**
― / ＋ → Tap OK

■**To Rotate Images**
🔲 / 🔲 → Tap OK

■**To Invert Images**
🔲 / 🔲 → Tap OK

Using Oekaki Anime with Colored Background

Tap Menu → *Oekaki* → *Oekaki anime* → Tap Canvas → *Color canvas* → Select a background color

Editing Entered Text

In Oekaki Anime window, tap mode switch icon → *Text* → Tap text you already entered → Tap 🔲 / 🔲 / 🔲 / 🔲 → Change the Text, Font size, Font style or Font color

Adding Emoticon Clip Art to Still Images

In Oekaki Anime window, tap mode switch icon → *Stamp* → 🔲 → *Photo stamp*

■**To Select from Saved Still Images**
Pictures or *Digital camera* → Select a still image for a stamp → Tap Yes/No as required → Tap area to paste it

●To select a file from Digital Camera folder, insert Memory Card.

■**To Capture an Image with Camera**
Take photo → Capture a still image → 🔲 as required → *Yes/No* as required → Tap an area to paste it as a stamp

● Each icon represents the current setting. Changing settings changes the corresponding icons.

● Tap button with current photo stamp shown to use another stamp.

Adding Motions to Lines or Shapes You Drew

In Oekaki Anime window, tap Motion → Drag to enclose a line or shape to add a motion → Tap OK → *Preset* → Select a motion → Tap OK

● Drag as if tracing a diagonal line of the area to add the motion.

Moving along with a Line

In Oekaki Anime window, tap Motion

■**For Lines or Shapes**
Drag to enclose the desired line or shape → Tap OK → *Motion line* → Draw a motion line starting from the selected line or shape → *Preview* → Tap OK

●Drag as if tracing a diagonal line of the desired area.

■ For Stamps

Tap the desired stamp → Tap OK → *Motion line*
→ Draw a motion line starting from the selected
stamp → *Preview* → Tap OK

● To delete the motion line and draw again, tap Undo.

Deleting Motions

In Oekaki Anime window, tap Motion → Tap a
line, shape, or stamp to remove the motion →
Tap OK

■ To Delete Preset

Preset → 🔎 → Tap OK

■ To Delete Motion Line

Motion line → *Off* → Tap OK

Undoing Edit Operation of Oekaki Anime

In Oekaki Anime window, tap Undo

● Undo the last operation performed in Oekaki
Anime window such as drawing a line or selecting
a setting option.

Deleting Lines/Shapes/Text/Stamps

In Oekaki Anime window, tap Mode switch icon
→ *Delete*

■ For Lines or Shapes without Any Motion

Drag to enclose the line or shape to delete

● Drag as if tracing a diagonal line of the area to
delete.

■ For Lines or Shapes with Motions

Tap a line or shape to delete

■ For Text or Stamps

Tap text or stamp to delete

Setting Created Image to Wallpaper

In Oekaki Anime window, tap More → *Preview*
→ Tap Set as Wallpaper → *Flash®/Image* →
Enter file name

Saving & Sending Created Image

In Oekaki Anime window, tap More → *Preview*
→ tap Send

■ To Send via Message

Via message → *Flash®/Image* → (●P.4-4 S!
Mail ❷)

■ To Send via Bluetooth®

Via Bluetooth → *Flash®/Image* → (●P.13-6
Sending One Item at a Time ❷)

■ To Send via Infrared

Via infrared → *Flash®/Image* → (●P.13-3)

■ To Send via IC Transmission

Via IC transmission → *Flash®/Image* →
(●P.13-8)

Changing Saving Location for Created Images

In Oekaki Anime window, tap More → *Settings*
→ Under *Save to*, *Phone*, *Memory card*, or *Ask
each time* → Tap OK

● When no Memory Card is inserted, the saving
location is automatically set to *Phone*.

Setting Oekaki Process Playback Speed

In Oekaki Anime window, tap More → *Settings*
→ Adjust Oekaki process playback speed →
Tap OK

Compressing Files

In Oekaki Anime window, tap More → *Settings*
→ Under *File compression*, *High/Normal*
→ Tap OK

Deleting portions of Pictograms

In Oekaki Pict window, tap 🖌 → Drag portion
of pictogram

Changing Bucket Tool Color to Color Used by Canvas

In Oekaki Pict window, tap 🖌 → Tap the spot
to color

Adding Blur Effect to Created Pictogram

In Oekaki Pict window, tap Effect → *Blur* →
― / ＋ → Tap OK

Rotating Created Pictogram

In Oekaki Pict window, tap Effect → *Rotate* →
◁ / ▷ → Tap OK

Inverting Created Pictogram

In Oekaki Pict window, tap Effect → *Flip* →
⊼ / ⋈ → Tap OK

Moving Created Pictogram

In Oekaki Pict window, tap Edit → *Move* →
▼ / ◀ / ▶ / ▲ → Tap OK

Copying pictogram to the next Frame

In Oekaki Pict window, tap Edit → *Copy to next*

● Copied when next Frame exists.

● Frame will be overwritten.

Merging all of the pictograms into Frame

In Oekaki Pict window, tap Edit → *Copy to all*

● Selected pictogram is copied.

● Frame will be overwritten.

Deleting selected Frame

In Oekaki Pict window, tap Edit → *Clear selected*

Deleting the entire Frame

In Oekaki Pict window, tap Edit → *Reset*

Undoing changes

In Oekaki Pict window, tap Undo

Zooming in on pictograms for editing

In Oekaki Pict window, tap 🔍 → ▼ / ◀ / ▶
/ ▲ to move to edit location

● Tap 🔍 to Zoom out.

Photo Library

Changing Still Image Display

Tap Menu → *Photo Library* → *Photo album* →
■ → *Folder/Month/Date*

Switch Folder

Tap Menu → *Photo Library* → *Photo album* →
🖼 → *Pictures/Memory card/Digital camera*

Setting Opened Still Image as Wallpaper, etc.

Tap Menu → *Photo Library* → *Photo album* →
Select a file location → Select a file → Tap Set as

■ **To Set Image to Wallpaper**
Wallpaper → Tap Set

■ **To Set Image to Incoming Image**
Caller ID → Search and select Phone Book entry
(❂P.2-18) → Tap Set

■ **To Set Image to Alternative Picture**
Still image → Tap OK

Sending Opened Still Image

Tap Menu → *Photo Library* → *Photo album* →
Select a file location → Select a file → Tap Send

■ **To Send via Message**
Via message → (❂P.4-4 S! Mail ❷)

■ **To Send via Bluetooth®**
Via Bluetooth → (❂P.13-3 Sending Data ❷)

■ **To Send via Infrared**
Via infrared (❂P.13-3)

■ **To Send via IC Transmission**
Via IC transmission (❂P.13-8)

Editing Opened Still Image

Tap Menu → *Photo Library* → *Photo album* →
Select a file location → Select a file → Tap Edit
→ *Image editor* → (❂P.7-13 Editing Still Images ❹)

Using Oekaki Anime with Opened Still Image

Tap Menu → *Photo Library* → *Photo album* →
Select a file location → Select a file → Tap Edit
→ *Oekaki anime* → (❂P.7-13 Oekaki Anime ❸)

Deleting Opened File

Tap Menu → *Photo Library* → *Photo album* →
Select a file location → Select a file → Tap
Delete → *Yes*

Deleting Photo Movie

Tap Menu → *Photo Library* → *Photo movie* →
Tap Playlist → Tap Remove → Check image to
delete → Tap Remove → *Yes*

Viewing Detail for Photo Movie

Tap Menu → *Photo Library* → *Photo movie* →
Tap Playlist → Tap Details → Select image to be
viewed

Deleting BGM

Tap Menu → *Photo Library* → *Photo movie* →
Tap BGM → Tap Remove → Check BGM to
delete → Tap Remove → *Yes*

Editing Photo Movie Screen Settings

Tap Menu → *Photo Library* → *Photo movie* → Tap Settings → *Display*

■ **To Set Display Pict Settings**
Under *Display pict*, *On / Off*

■ **To Set Repeat Setting**
Under *Repeat*, *On / Off*

■ **To Enlarge Image**
Under *Enlarge image*, *On / Off*

Setting Playback Speed for Photo Movie

Tap Menu → *Photo Library* → *Photo movie* → Tap Settings → *Display speed* → Select an item

Setting playback sequence for Photo Movie

Tap Menu → *Photo Library* → *Photo movie* → Tap Settings → *Order* → Select an item

Setting Sound Output for Photo Movie

Tap Menu → *Photo Library* → *Photo movie* → Tap Settings → *Sound output* → Select an item

Setting Auto Off Time for Photo Movie

Tap Menu → *Photo Library* → *Photo movie* → Tap Settings → *Auto power off* → Select an item

Deleting Still Image from Flash® Slide

In Create Flash® Slide window, tap Remove → Check images to delete → Tap Remove → *Yes*

Rearranging Still Images in Flash® Slide

In Create Flash® Slide window, tap Change order → Drag and drop still image to desired position → Tap OK

Previewing Flash® Slide

In Create Flash® Slide window, tap More → *Preview*

Setting Created Flash® Slide as Wallpaper

In Create Flash® Slide window, tap More → *Set as wallpaper* → Enter file name

Sending Created Flash® Slide

In Create Flash® Slide window, tap More → *Send*

■ **To Send via Message**
Via message → (⊗P.4-4 S! Mail ❷)

■ **To Send via Bluetooth®**
Via Bluetooth → (⊗P.13-3 Sending Data ❷)

■ **To Send via Infrared**
Via infrared → (⊗P.13-3)

■ **To Send via IC Transmission**
Via IC transmission → (⊗P.13-8)

Setting for Flash® Slide

In Create Flash® Slide window, tap More → *Settings*

■ **To Enlarge Image**
Under *Enlarge*, *On / Off*

■ **To Set Playback Speed**
Display speed → Select an item

■ **To Set Repeat Setting**
Under *Repeat*, *On / Off*

■ **To Set Save Location**
Save to → Select an item

● When Memory Card is not inserted, Flash® Slide shows are saved automatically to *Phone*.