7

Camera & Imaging

Getting Started

Capture still images or record video.

Portrait Photography

Automatically locks focus on faces, or releases shutter when subjects smile or turn their faces to camera.

Auto Focus

Measures the distance between subjects and camera to adjust focus.

Multiple Shooting Modes

Apply effect or add frame, capture sequential/panoramic or scan images, or use long exposure.

Review

Open/play last saved mobile camera file quickly with a single key; access older files as needed.

Precautions
- Clean dust/smudges from lens cover with a soft cloth before use.
- Mobile camera is a precision instrument, however, some pixels may appear brighter or darker.
- Shooting/saving images while handset is hot may affect the image quality.
- Subjecting the lens to direct sunlight will damage the camera's color filter.

Auto Shut-off
- Before image capture/recording, mobile camera shuts down after a period of inactivity and handset returns to Standby.

Shutter Click
- Shutter click and Self-timer tone sound at fixed volume regardless of handset settings.

Internal & External Cameras

Use Internal Camera or External Camera; unless noted otherwise, operations in this chapter are described for External Camera. Sizes are limited and shooting modes are not available for Internal Camera.

Camera Key

Press 🔲 in Standby to activate mobile camera.
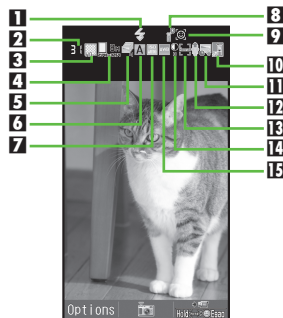Press 🔲 to toggle Photo Viewfinder and Video Viewfinder.

Cycloid Position

Activate mobile camera and rotate Display to Cycloid position to capture images/record in wideview.
Image/recording size changes accordingly.

Display Indicators

The following indicators appear at the top of Display.

Photo Viewfinder

1	Mobile Light	8	Remote Shutter
2	Memory	9	Focus
3	Picture Quality	10	Background Save
4	Picture Size		Save to
5	Continuous Shoot	11	Auto Save
6	Scene	12	Image Orientation
	Long Exposure	13	Shutter Mode
7	ISO Sensitivity	14	Exposure
	Self-timer	15	White Balance

Video Viewfinder
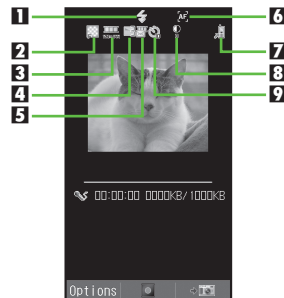
1	Mobile Light	5	Record Time
2	Video Quality	6	Focus
3	Record Size	7	Save to
4	Memory for still image capture	8	Exposure
		9	Self-timer

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Camera & Imaging

Advanced

👆 ●Opening Help ●Changing function assigned to Camera Key (🔲) (**P.7-17**)
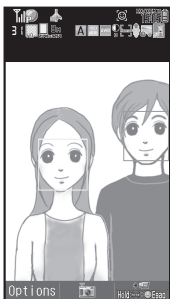
📷

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Capturing Still Images

1 `[🔘▣]`

Photo Viewfinder

- Frames appear on detected faces. For details, see **P.7-5** "Locking Focus on Faces Automatically."
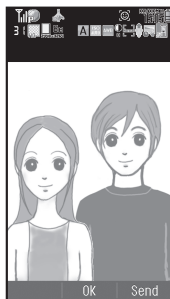
Options

2 Frame image on Display ➡ `■`

Image Save Window

- Shutter clicks and the captured image is saved.
- Open saved images via Review or Data Folder.

OK Send

3 `■`

- Viewfinder returns.

4 `[☎]` ➡ **Camera shuts down**

Sending Captured Images via S! Mail
After ❷, `▽` ➡ Select message size limit ➡ `■` ➡ Complete message ➡ `▽`
- Images may be resized automatically.
- To make selection the default setting hereafter, press `▣` to check *From now on too* check-box.

Sending Captured Images at High Speed via Infrared
After ❷, `▽` (Long) ➡ *Yes* or *No* ➡ `■`

■ **Pre-Image Capture Operations**

Zoom In/Out	`[↑]`/`[↓]`
Toggle Mode	`▽`
Adjust Brightness	`[◄]`/`[►]`
Change Image Size	`5`
Toggle Mobile Light Mode	`#`
Toggle Internal Camera and External Camera	`[🔘▣]`
Open Help	`0`

Advanced

- ○Activating Mobile Light ○Adjusting focus quickly for close-up shots (And more on **P.7-17**)
  ○Adjusting camera's light sensitivity ○Changing image size ○Changing mode according to lighting or subject ○Adjusting color balance according to lighting conditions (And more on **P.7-18** - **7-19**)
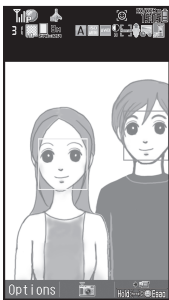
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Camera & Imaging

Using Portrait Photography Features

Locking Focus on Faces Automatically

932SH camera locks focus on faces automatically; frames appear on detected faces. (Portrait auto focus)
Detection may fail depending on face angle, distance from subject or environment.

When Multiple Faces are Detected

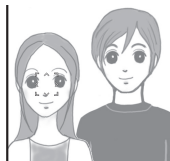● Frame appears on each face; slide finger left or right over TOUCH CRUISER to select focus point.

Specifying Focus Point Manually

Set mobile camera to lock focus on a specified area (face, etc.) when capturing images.

1. **In Photo Viewfinder,** ✉

2. ***Shooting Settings*** ➡ ▣

3. ***Focus Setting*** ➡ ▣

4. ***Spot Auto Focus*** ➡ ▣
   ● A yellow frame appears in center of Display.

5. **Move frame with TOUCH CRUISER**

   ● Move frame to where you want to lock focus on.

6. ▣
   ● Captured image appears.
   ● Press ▣ to return to Viewfinder.

Releasing Shutter upon Smile/ Face Detection

Available Shutter Modes:

Smile Shutter (Egao)	Releases shutter when subject smiles
Face Shutter (Furimuki)	Releases shutter when subject turns face to camera

Adjust smile detection level as needed.

1. **In Photo Viewfinder,** ⱅ **(Long)**

   ● Long Press ⱅ repeatedly to toggle Shutter Mode between ***Egao*** (☺ appears), ***Furimuki*** (☺ appears) and ***Normal***.

2. **Shutter is released upon smile/face detection**
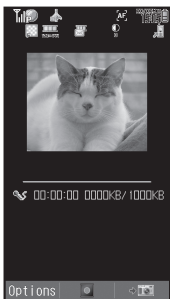   ● Captured image appears.
   ● Press ▣ to return to Viewfinder.

Advanced

🔌 ●Setting Center Auto Focus ●Adjusting smile detection level ●Correcting portrait auto focus images (**P.7-18**)

Recording Video

1 <kbd>◙⊡</kbd> ➡ <kbd>Y</kbd>

Video Viewfinder

● Omit step of pressing <kbd>Y</kbd> if Video Camera is already active.

2 Frame image on Display ➡ <kbd>■</kbd>

● Recording starts after a tone. (To start over, press <kbd>CLEAR/BACK</kbd>.)

3 <kbd>■</kbd>

Video Save Menu

● Recording stops with a tone. (To discard file and start over, press <kbd>CLEAR/BACK</kbd>.)

4 *Save* ➡ <kbd>■</kbd>

● Video is saved. (Viewfinder returns.)
● Play saved video via Review, Data Folder or Media Player.

5 <kbd>☎</kbd> ➡ Camera shuts down

■ **Pre-Recording Operations**

Zoom In/Out	<kbd>▲</kbd>/<kbd>▼</kbd>
Toggle Mode	<kbd>Y</kbd>
Adjust Brightness	<kbd>◄</kbd>/<kbd>►</kbd>
Change Record Size	<kbd>5</kbd>
Toggle Mobile Light Mode	<kbd>#</kbd>
Toggle Internal Camera and External Camera	<kbd>◙⊡</kbd>/<kbd>✳</kbd>
Open Help	<kbd>0</kbd>

Pausing Recording

After ❷, <kbd>Y</kbd> (press repeatedly to pause/resume)

■ May be unavailable depending on recording size.

Playing Unsaved Video

In ❹, *Preview* ➡ <kbd>■</kbd>

Sending Recorded Video via S! Mail

In ❹, *Send* ➡ <kbd>■</kbd> ➡ *Save and Send* ➡ <kbd>■</kbd> ➡ Complete message ➡ <kbd>Y</kbd>

■ Message creation confirmation appears depending on file size; choose *Yes* and press <kbd>■</kbd> to proceed. (Choose *No* to cancel attachment.)

■ To make selection the default setting hereafter, press <kbd>▣</kbd> to check *From now on too* check-box.

■ May not be delivered as sent depending on recording size or recipient device.

Incoming Calls

● If a call arrives before video is saved, recorded clip is temporarily saved. End the call to return.

When Battery Runs Low

● Recording stops. (Recorded clip is saved.)

Advanced

<kbd>◯</kbd> ●Activating Mobile Light ●Adjusting focus quickly for close-up shots (And more on **P.7-17**)
●Capturing images while recording video ●Changing recording time/size ●Enlarging Viewfinder size (And more on **P.7-19**)

Opening Saved Files

Opening Last Saved File

Open/play last saved mobile camera file quickly with a single key; access older files as needed.
Available in Standby or Viewfinder, as well as while using other functions (with some exceptions).

❶ ⌨ (Long)

Review Window
● To end Review, press 🔘.

Enlarging Images
After ❶, ▣
Pausing/Resuming Video
After ❶, ▣ (press repeatedly to pause/resume)
Opening Help
[Review Window] ❓0

Accessing Older Files

❶ In Review window, ⊻

Pictures | DCIM | Videos
XXXXXX_XXXXXX. jpg

My Pict.

MailArt

Charact.

Review File List
● File list appears; press ⊻ repeatedly to toggle lists.

❷ Select file ➧ ▣
● File opens/plays.

Sending Images

Send images to blogs, etc. via mail. Infrared and other options can also be used for sending images to other devices. To send images to blogs, complete Blog Setting beforehand.

❶ In Review file list, select image ➧ ✉

❷ *Send/Blog* ➧ ▣

Send/Blog
As Message
Blog Tool
Via Bluetooth
Via Infrared
Send via IrSS
Send via IrSS(Resiz…
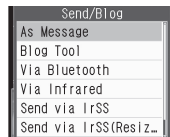
❸ Select option ➧ ▣
● Follow onscreen instructions.

Using Shooting Modes

May be unavailable depending on selected image/recording size.

Self-timer

1. **In Photo/Video Viewfinder, ⊠ ➜ *Self-timer* ➜ ▣**

2. **Select time ➜ ▣**

3. **Frame image on Display ➜ ▣**
   - After selected time elapses, captured image appears or recording starts.
   - To stop recording, press ▣.
   - For more, see operation descriptions on **P.7-4** or **P.7-6**.

Releasing Shutter during Countdown
After ❸, ▣
Incoming Calls/Alarm during Countdown
- Countdown stops. (Self-timer remains active.)

Continuous Shoot (Photo Camera)

Available Modes:

4 Pictures	Capture four separate images with Index Image
9 Pictures	Capture nine separate images with Index Image
Overlapped	Capture five images to create a composite image

1. **In Photo Viewfinder, ⊠ ➜ *Modes* ➜ ▣**

   Add Frame

   Mode Menu

2. ***Continuous Shoot* ➜ ▣**

3. **Select mode ➜ ▣ ➜ Select speed ➜ ▣**

4. **Frame image on Display ➜ ▣**
   - After image capture, Index Image or a composite image appears. (All captured images are saved.)
   - When shooting speed is set to *Manual* (4 Pictures and 9 Pictures modes), repeat ❹ for each frame.

Checking Captured Images before Saving
- Set Auto Save to *Off* beforehand. After image capture, Index Image or a composite image appears.
  - Follow these steps to save all captured images:
    ▣ ➜ *All Pictures* ➜ ▣
  - Follow these steps to save selected image:
    ⊡ Select image ➜ ▣ ➜ *Selected Picture* ➜ ▣

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Adding Frames (Photo Camera)

1️⃣ **In mode menu, *Add Frame*** ➡ ▣

2️⃣ ***Preset Frames*** ➡ ▣

Preset Frames
- Frame 1
- Frame 2
- Frame 3
- Frame 4
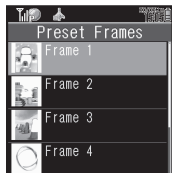
3️⃣ **Select frame** ➡ ▣

4️⃣ **Frame image on Display** ➡ ▣
- Captured image appears.
- Press ▣ to return to Viewfinder.

Using Frames in Data Folder
In 2️⃣, *Data Folder* ➡ ▣ ➡ Select frame ➡ ▣ ➡ ▣

Camera Effects (Photo Camera)

1️⃣ **In mode menu, *Camera Effects*** ➡ ▣

Camera Effects
Off

2️⃣ **Select effect** ➡ ▣

3️⃣ **Frame image on Display** ➡ ▣
- Captured image appears.
- Press ▣ to return to Viewfinder.

Long Exposure (Photo Camera)

Capture low-light shots (fireworks, night scenes, etc.) clearly.

1️⃣ **In mode menu, *Long Exposure*** ➡ ▣

2️⃣ ***On*** ➡ ▣

3️⃣ **Frame image on Display** ➡ ▣

Exposuring...
Please do not shake your hand.

- Shutter is left open for an extended period of time, then captured image appears.
- Press ▣ to return to Viewfinder.

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Camera & Imaging

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Panorama Picture (Photo Camera)

1 **In mode menu, *Panorama/ Scanner* ➜ ■**

Panorama Picture
Panorama/Scanner Menu

2 ***Panorama Picture* ➜ ■ ➜ *On* ➜ ■**

3 **Frame image on Display ➜ ■**
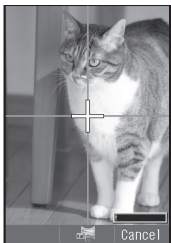
● Move handset slowly to keep ⊹ aligned with either of yellow lines.
● Image is captured automatically when the bar (▬) turns blue.

4 **■**
● Image is saved.

Checking Captured Images before Saving
● Set Auto Save to *Off* beforehand. After image capture, Save menu opens.
 ■ To check captured images, follow these steps in Save menu:
  Preview ➜ ■
 ■ To save captured images, follow these steps in Save menu:
  Save ➜ ■

Scanning Images (Photo Camera)

1 **In Panorama/Scanner menu, *Scanner* ➜ ■**

2 **Select size ➜ ■ ➜ Frame image on Display ➜ ■**

● Move handset slowly to scan the area to capture. (Refer to indicators on Display.)

3 **■**
● Image is saved.

Checking Captured Images before Saving
● Set Auto Save to *Off* beforehand. After image capture, Save menu opens.
 ■ To check captured images, follow these steps in Save menu:
  Preview ➜ ■
 ■ To save captured images, follow these steps in Save menu:
  Save ➜ ■

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Camera & Imaging

Advanced

📖 ●Changing Panorama settings ●Changing Panorama image preview method (**P.7-19**)

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Picture Editor

Picture Editor Options

The following options are available.
Some images may not be editable
depending on file type and size.

Resize	Select from preset sizes or crop image
Frame	Add Frame to images
Paste	Add text/dates to images
Retouch	Dress up images with preloaded visual effects
Stamp	Add stamps to images
Face Arrange	Make smiley, angry or sad faces
Correction	Correct images
Rotate	Rotate images
File Format	Convert file format and change file size

Basic Operation

1. ■ ➡ *Data Folder* ➡ ■

2. *Pictures* ➡ ■ ➡ Select image ➡ ■

3. ✉ ➡ *Edit* ➡ ■

4. *Picture Editor* ➡ ■

Picture Editor Menu

5. Select effect ➡ ■ ➡ Edit

   ● To start over, press 🔙.

6. When finished, 🖂

7. *Save as New* ➡ ■

   ● To overwrite, select *Overwrite* and press ■. (Omit ❽.)

8. Enter name ➡ ■ ➡ *Save here* ➡ ■

Canceling Effects

   After ❺, *Undo* ➡ ■

   ■ To restore effect immediately after canceling, select *Redo* and press ■.

Changing Image Size

Select from preset sizes or crop image.

Resize to Preset Size

1. **In Picture Editor menu, *Resize* ➡ ■**
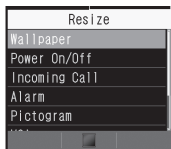
Resize
```
Wallpaper
Power On/Off
Incoming Call
Alarm
Pictogram
```
Resize Window

2. **Select size ➡ ■**

3. 🔁 **Specify display area**


```
移動 (Move) リサイズ(Resize)
Resize   Assign
```
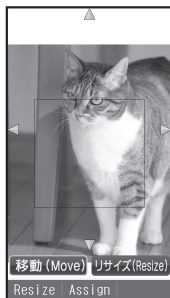
● Omit ❸ if there is no rectangle on the image.

4. ■
● Editing is completed.

Zooming In/Out
After ❸, 🖂 ➡ 🔁 ➡ ❹

Cropping Images

1. **In Resize window, *Cut* ➡ ■**

2. 🔁 **Move + to the upper left corner of the portion to crop ➡ 🖂**
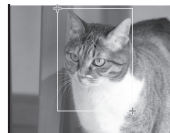
3. 🔁 **Move + to the lower right corner of the portion to crop ➡ ■**

4. ■
● Editing is completed.

Specifying Display Area
After ❸, 🔁 ➡ ❹
Zooming In/Out
After ❸, 🖂 ➡ 🔁 ➡ ❹

Advanced

🖑 ●Using additional editing options (**P.7-20**)

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Camera & Imaging

Applying Visual Effects

Render in sepia tones or add blur, etc.

❶In Picture Editor menu,
Retouch ➜ ▣

Retouch
Sepia
Sparkling
Ripples
Tile
Emboss

❷Select effect ➜ ▣

Assign
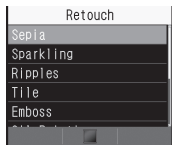
❸▣
● Editing is completed.

Adding Frames

❶In Picture Editor menu,
Frame ➜ ▣

Frame
Frame 1
Frame 2
Frame 3
Frame 4
Frame 5

❷Select frame ➜ ▣

❸▣
● Editing is completed.

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Camera & Imaging

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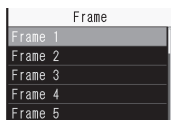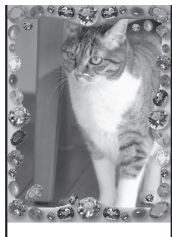
Face Arrange

Make faces smiley, sad, etc.

1. **In Picture Editor menu, *Face Arrange* ➔ ■**

   Face Arrange
   Collage:Right-half
   Collage:Left-half
   Grin
   Mad
   Sad
   Parts

   Face Arrange Menu

2. **Select type ➔ ■**

3. ■
   ● Editing is completed.

Important Face Arrange Usage Note
● When using Face Arrange, take care not to create images that may embarrass or offend others. Always obtain permission before photographing others.

Adjusting Positions

Change the default positions and sizes of targets to fit the image.

1. **In Face Arrange menu, ✉ ➔ ✉**
   ● A rectangle appears with **+** in the upper left corner.

2. **⊡ Move + to top left of face ➔ ✉**

3. **⊡ Move + to bottom right of face**
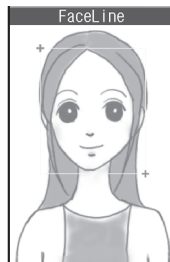
   FaceLine

4. ■
   ● Face line is set. Set the eyes and then mouth in the same way.
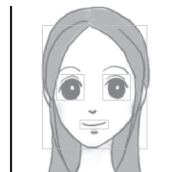
5. **■ ➔ *Yes* ➔ ■ ➔ *Save here* ➔ ■**
   ● Image is saved as a new entry with Face Arrange positions adjusted. Complete Face Arrange. Face Arrange is applied to the adjusted positions.

Composite

Composite Options

The following options are available.
Some images may not be editable
depending on file type and size.

Split Picture	Combine up to four images into one
Merge Panorama	Combine two still images into one

Panorama Images

Panorama Image Effects:

Near View	Best suited for close-up shots
Document	Use for images with text
Standard	Apply to other images

1. ■ ➜ *Data Folder* ➜ ■

2. *Pictures* ➜ ■ ➜ Select image ➜ ■

3. ⊠ ➜ *Edit* ➜ ■

4. *Composite* ➜ ■

5. *Merge Panorama* ➜ ■

Merge Panorama
1 XXXXXX_XXXXX.Jpg
2 <Empty>
EFFECT Standard

Flip
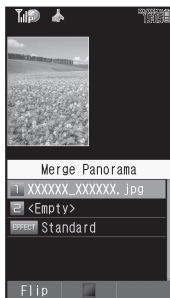
● File selected in ❷ is set as left image.

6. *<Empty>* ➜ ■ ➜ Select image ➜ ■

7. *EFFECT* ➜ ■ ➜ Select effect ➜ ■
● Editing is completed.

8. When finished, ⊠
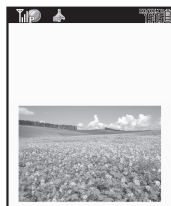
● Merged image appears.

9. ■

10. Enter name ➜ ■ ➜ *Save here* ➜ ■

Changing Images
After ❼, select image ➜ ■ ➜ ⊠ ➜
Select image ➜ ■

Switching Image Positions
After ❺, ⊠

Advanced

⌖ ●Combining reduced images (**P.7-20**)

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Camera & Imaging

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Printing Images

Digital Print Order Format (DPOF)

Select images from Memory Card and specify the number of copies to print on DPOF-compatible printers, or at digital printing services.

DPOF settings made on other devices are unusable; delete existing settings to create new ones on handset.

1 ■ ➡ *Settings* ➡ ■ ➡ ⊡ *Connectivity*

2 *Memory Card* ➡ ■ ➡ *DPOF* ➡ ■

3 *Number of Copies* ➡ ■

> Number/Total:0
> For All Pictures
> For Each Picture

4 *For Each Picture* ➡ ■ ➡ Select folder ➡ ■

5 Select image ➡ ⊠

> Images
> Set copies of selected images.
>
> (00-99)
>
> 99
> 00   Copy
> 01
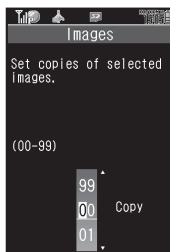
6 **Enter a number of copies to print ➡ ■**
● For more settings, repeat 5 - 6.

7 ⊻

Applying a Number to All Images
In 4, *For All Pictures* ➡ ■ ➡ Enter a number of copies to print ➡ ■
Canceling Specified Number
In 6, enter *00* ➡ ■ ➡ ⊻
Viewing Current Print Settings
In 3, *Check Settings* ➡ ■

Using Printers

Connect handset to a Bluetooth®-compatible printer and print images in Pictures folder.
● Activate Bluetooth® on the printer.
● Some images may not be sent depending on file type and size.

1 ■ ➡ *Data Folder* ➡ ■ ➡ *Pictures* ➡ ■

2 Select image ➡ ⊠ ➡ *Print* ➡ ■

3 *Via Bluetooth* ➡ ■ ➡ Select printer ➡ ■

4 *Yes* ➡ ■
● To cancel, press ⊻.

When Authorization Code is Required
Enter Authorization Code ➡ ■

Advanced

👌 ●Changing print settings (**P.7-21**)

Photo Camera & Video Camera

■ **General**

Opening Help	In Photo/Video Viewfinder, ☒ ➡ *Help* ➡ ▣ ● Press ⲩ to toggle Help window for key assignments and indicator descriptions.
Changing function assigned to Camera Key (⚫)	▣ ➡ *Camera* ➡ ▣ ➡ *Set Camera Key* ➡ ▣ ➡ Select function ➡ ▣

■ **Capturing**

Activating Mobile Light	In Photo/Video Viewfinder, ☒ ➡ *Mobile Light* ➡ ▣ ➡ *On* or *Automatic* ➡ ▣ ● *Low Light* is also available for still image capture. ● Do not use Mobile Light near people's faces or look into the light yourself.
Adjusting brightness	In Photo/Video Viewfinder, ☒ ➡ *Shooting Settings* or *Record Settings* ➡ ▣ ➡ *Exposure* ➡ ▣ ➡ Adjust level
Adjusting focus quickly for close-up shots	In Photo/Video Viewfinder, ☒ ➡ *Shooting Settings* or *Record Settings* ➡ ▣ ➡ *Focus Setting* ➡ ▣ ➡ *Macro* ➡ ▣
Adjusting focus manually	In Photo/Video Viewfinder, ☒ ➡ *Shooting Settings* or *Record Settings* ➡ ▣ ➡ *Focus Setting* ➡ ▣ ➡ ⬚ Adjust focus ➡ ▣ ● To readjust focus, press ☒.

Locking focus	In Photo/Video Viewfinder, ☒ ● Frame subject in center of Display first. ● To start over, press ☒ again.
Changing image quality	In Photo/Video Viewfinder, ☒ ➡ *Picture Quality* or *Video Quality* ➡ ▣ ➡ Select quality ➡ ▣

■ **Saving**

Selecting automatic save option	**Start Here** In Photo/Video Viewfinder, ☒ ➡ *Settings* ➡ ▣ ➡ *Auto Save* ➡ ▣ ➡ See below **For Still Images** Select option ➡ ▣ ● When *Off*, press ▣ after image capture to save. **Saving Video Automatically** *On* ➡ ▣
Changing save location	In Photo/Video Viewfinder, ☒ ➡ *Settings* ➡ ▣ ➡ *Save Pictures to* or *Save Videos to* ➡ ▣ ➡ Select location ➡ ▣

Photo Camera

■ General

Changing shutter click sound	**In Photo Viewfinder,** 🖃 ➡ *Settings* ➡ ■ ➡ *Shutter Sound* ➡ ■ ➡ **Select pattern** ➡ ■ ● Shutter click sounds for Continuous Shoot, Panorama Picture and Scanner are fixed.
Hiding indicators	**In Photo Viewfinder,** 🖃 ➡ *Settings* ➡ ■ ➡ *Display Indicators* ➡ ■ ➡ *Hide Indicators* ➡ ■
Changing send option assigned to 🖂	**In Photo Viewfinder,** 🖃 ➡ *Settings* ➡ ■ ➡ *Set Send Key* ➡ ■ ➡ *Short press* or *Long press* ➡ ■ ➡ **Select option** ➡ ■ ● Change send option separately for each key press method.
Disabling quick transition to Viewfinder after saving images	**In Photo Viewfinder,** 🖃 ➡ *Settings* ➡ ■ ➡ *Background Save* ➡ ■ ➡ *Off* ➡ ■

■ Capturing

Adjusting camera's light sensitivity	**In Photo Viewfinder,** 🖃 ➡ *ISO Sensitivity* ➡ ■ ➡ **Select level** ➡ ■
Changing image size	**In Photo Viewfinder,** 🖃 ➡ *Picture Size* ➡ ■ ➡ **Select size** ➡ ■ ● Select *To Wide* or *To Normal* to swap the height and width of Picture Size options.
Changing mode according to lighting or subject	**In Photo Viewfinder,** 🖃 ➡ *Scene* ➡ ■ ➡ **Select mode** ➡ ■

Setting Center Auto Focus	**In Photo Viewfinder,** 🖃 ➡ *Shooting Settings* ➡ ■ ➡ *Focus Setting* ➡ ■ ➡ *Center Auto Focus* ➡ ■
Adjusting smile detection level	**In Photo Viewfinder,** 🖃 ➡ *Shooting Settings* ➡ ■ ➡ *Egao level* ➡ ■ ➡ **Select level** ➡ ■ ● Lower the level when detection is slow.
Adjusting color balance according to lighting conditions	**In Photo Viewfinder,** 🖃 ➡ *Shooting Settings* ➡ ■ ➡ *White Balance* ➡ ■ ➡ **Select mode** ➡ ■

■ Correction/Preview

Correcting portrait auto focus images	**Start Here** **After image capture,** 🖃 ➡ *Correlate to Face* ➡ ■ ➡ **See below** ● Available when Auto Save is *Off*. **Adjusting Face/Background Brightness** *Against sun* ➡ ■ ➡ ■ **Blurring Out-of-Focus Portions** *Portrait* ➡ ■ ➡ ■
Checking image details before saving	**After image capture,** ⓵ - ⓽ **(Long)** ● Available when Auto Save is *Off*. ● Use 🔘 to see outside of enlarged portion. (Press ■ to enlarge further.) To return to captured image, press 🗑. ● Key Assignments: ⓵ (Upper left) ⓶ (Upper center) ⓷ (Upper right) ⓸ (Left) ⓹ (Center) ⓺ (Right) ⓻ (Lower left) ⓼ (Lower center) ⓽ (Lower right) ● May be unavailable depending on image size, etc.

■ **Panorama Picture**

Changing Panorama settings	Start Here In Photo Viewfinder, ☒ ➡ *Settings* ➡ ■ ➡ *Panorama Settings* ➡ ■ ➡ See below
	Hiding Guides *Assisting Lines* ➡ ■ ➡ *Off* ➡ ■
	Locking Display Brightness during Image Capture *AE-Lock* ➡ ■ ➡ *Enable* ➡ ■
Changing Panorama image preview method	In Panorama preview, ☒ ➡ *Manual Scroll* or *Full Image* ➡ ■ • Available when Auto Save is *Off*.

■ **Bluetooth® Watches**

| Releasing shutter remotely with a Bluetooth® watch | **In Photo Viewfinder, press the corresponding button on Bluetooth® watch** • Connect handset to a Bluetooth® watch and set Set Remote Shutter to *On* beforehand. For details, see the Bluetooth® watch guide. |
| Disabling remote shutter control via Bluetooth® watches | In Photo Viewfinder, ☒ ➡ *Settings* ➡ ■ ➡ *Set Remote Shutter* ➡ ■ ➡ *Off* ➡ ■ • Available when a Bluetooth® watch is registered. |

Video Camera

Capturing images while recording video	**While recording, ☒** • Captured images are saved when saving recorded clip; open them via Review or Data Folder.
Changing recording time/size	In Video Viewfinder, ☒ ➡ *Record Time/Size* ➡ ■ ➡ *For Message* or *Extended Video* ➡ ■ ➡ Select size ➡ ■
Enlarging Viewfinder size	In Video Viewfinder, ☒ ➡ *Display Size* ➡ ■ ➡ *Enlarge* ➡ ■
Recording video without sound	In Video Viewfinder, ☒ ➡ *Microphone* ➡ ■ ➡ *Off* ➡ ■
Changing video encoding	In Video Viewfinder, ☒ ➡ *Settings* ➡ ■ ➡ *Video Encode* ➡ ■ ➡ Select option ➡ ■

Editing Images

■ **Picture Editor**

Using additional editing options	Start Here ■ ➡ *Data Folder* ➡ ■ ➡ *Pictures* ➡ ■ ➡ Select file ➡ ■ ➡ ✉ ➡ *Edit* ➡ ■ ➡ *Picture Editor* ➡ ■ ➡ See below
	Changing Text/Outline Color
	Paste ➡ ■ ➡ ✉ ➡ Select text color ➡ ■ ➡ ▫ ➡ Select outline color ➡ ■ ➡ ⊻
	Adding Text
	Paste ➡ ■ ➡ *Free Text* ➡ ■ ➡ Enter text ➡ ■ ➡ ⊞ Move text ➡ ■
	Adding Dates
	Paste ➡ ■ ➡ *Date* ➡ ■ ➡ ⊞ Move date ➡ ■
	Adding Stamps
	Stamp ➡ ■ ➡ Select stamp ➡ ■ ➡ ⊞ Move stamp ➡ ■
	Correcting Image Parameters
	Correction ➡ ■ ➡ Select type ➡ ■ ➡ ■
	Rotating Images
	Rotate ➡ ■ ➡ Select type ➡ ■ ➡ ■
	Converting File Format
	File Format ➡ ■ ➡ *File Format* ➡ ■ ➡ Select format ➡ ■
	● Changing file format may affect file size/image quality.
	● To return to Picture Editor menu, press ⌫.

Using additional editing options	Start Here ■ ➡ *Data Folder* ➡ ■ ➡ *Pictures* ➡ ■ ➡ Select file ➡ ■ ➡ ✉ ➡ *Edit* ➡ ■ ➡ *Picture Editor* ➡ ■ ➡ See below
	Changing File Size
	File Format ➡ ■ ➡ *File Size* ➡ ■ ➡ Select size ➡ ■
	● Changing file size may affect image quality.
	● To return to Picture Editor menu, press ⌫.

■ **Composite**

Combining reduced images	Start Here ■ ➡ *Data Folder* ➡ ■ ➡ *Pictures* ➡ ■ ➡ Select file ➡ ■ ➡ ✉ ➡ *Edit* ➡ ■ ➡ *Composite* ➡ ■ ➡ See below
	Creating Split Picture
	SplitPicture 480x854 or *SplitPicture 240x320* ➡ ■ ➡ *<Empty>* ➡ ■ ➡ Select file ➡ ■ ➡ When finished, ⊻ ➡ Enter name ➡ ■ ➡ *Save here* ➡ ■
	● Repeat from selecting *<Empty>* as needed.
	Previewing Split Picture
	While creating Split Picture, ✉ ➡ *View Composite* ➡ ■
	Changing Images
	While creating Split Picture, select image ➡ ■ ➡ ✉ ➡ Select another ➡ ■
	Deleting Images
	While creating Split Picture, select image ➡ ✉ ➡ *Remove* ➡ ■ ➡ *Yes* ➡ ■

7

Camera & Imaging

7-20

DPOF

Changing print settings	[Start Here] ■ ➡ *Settings* ➡ ■ ➡ 🔄 *Connectivity* ➡ *Memory Card* ➡ ■ ➡ *DPOF* ➡ ■ ➡ **See below**
	Adding Dates to Prints *Settings* ➡ ■ ➡ *Add Date* ➡ ■ ➡ *On* ➡ ■
	Creating an Index Print *Settings* ➡ ■ ➡ *Index Print* ➡ ■ ➡ *On* ➡ ■
	Resetting *Reset Settings* ➡ ■ ➡ *Yes* ➡ ■

Mobile Camera

? Mobile camera won't activate/ shuts down automatically

- Battery may be low. Charge battery or install a charged battery.
- Leaving handset at high temperature may cause camera area to heat up, disabling mobile camera activation; wait a while and retry.
- Prolonged camera use may cause camera area to heat up, resulting in automatic shutdown; wait a while and retry.

? Cannot use Background Save or Auto Save

- Background Save/Auto Save is not available when Save Pictures to is set to *Ask Each Time*.

? Display went dark during image capture

- 932SH camera has built-in mechanical shutter and ND filter. Strong shocks to handset during image capture may close mechanical shutter for camera protection, resulting in blank Viewfinder. Reactivate mobile camera to reopen the shutter.

? Captured image appears all white

- When Long Exposure is active (戬 appears), images captured in daylight or good light appear all white.

Editing Images

? Cannot save/send edited images

- Edited images may be too large to save or send via mail.

DPOF

? Cannot specify print settings properly

- If Memory Card image files have been deleted or renamed on PCs or other devices, reset print settings and start over with settings.