8

Camera & Imaging

8-1

Getting Started

Capture still images or record video.

Detect Personal

Register faces; related information appears in Viewfinder upon face detection.

Continuous AF

Focus continuously adjusts as the framed subject's position changes.

Tailored Cameras

940SH is preloaded with cameras tailored for various purposes/occasions; select a specific camera for a particular subject/environment.

Album

Sort saved images into up to 500 albums; create original albums as needed.

Important Mobile Camera Usage Notes
● Clean dust/smudges from lens cover with soft dry 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.
● Exposing lens to direct sunlight may damage color filter and affect image color.

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.

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Camera & Imaging

Advanced

🖑 ●Changing function assigned to Camera Key (⬚) ●Opening Help (**P.8-28**)

Photo Camera & Video Camera Overview

Focus modes and sizes shown below are defaults; those with * are fixed.

		Description	Focus Mode	Size
Standard Shooting	**Easy Auto Camera**	Capture nearby subjects easily (settings partially changeable)	Normal(Portrait)*	12M
	Pro Auto Camera	Capture nearby subjects easily (settings mostly changeable)	Normal(Portrait)	12M
	Quick Camera	Capture distant scenery quickly	Manual Focus*	3M
Subject Type & Environment	**Scene Cameras**	Select one according to subject/environment	Normal(Portrait)*	12M
	Monochrome Camera	Capture black and white images	Normal(Portrait)*	12M
	Sepia Camera	Capture sepia images	Normal(Portrait)*	12M
	Long Exposure Camera	Capture images in low light (fireworks, night scenes, etc.)	Normal(Portrait)*	12M
Specific Objectives	**Wallpaper Camera**	Show mock Clock/Calendar in Viewfinder to capture image and set it as Wallpaper	Normal(Portrait)	Wallpaper*
	Auction Camera	Capture up to three images in a session	Center Auto Focus	VGA
	Messaging Camera	Capture and send images via mail easily	Normal(Portrait)*	VGA
	Blog Camera	Capture and post images to blogs easily	Normal(Portrait)	VGA

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Camera & Imaging

|		Description	Focus Mode	Size
Auto Shutter Release	**Look Back Camera**	Play attention-getting sound and release shutter automatically when subject turns face to camera	Normal(Portrait)*	12M
	Smile Camera	Release shutter automatically when subject smiles	Normal(Portrait)*	12M
	Self Timer Camera	Release shutter automatically after selected time elapses	Normal(Portrait)*	12M
Special Shooting	**Rapid Shooting Camera**	Capture up to 100 images consecutively	Center Auto Focus	QVGA
	Three-Shot Camera	Capture three consecutive images of up to 12M size automatically	Normal(Portrait)	VGA
	Panorama Camera	Capture panoramic images of scenery, etc.	Center Auto Focus	—
	Scanner Camera	Move handset to scan the area to capture	Center Auto Focus	Free
Additional Cameras	**Drawable Camera**	Drag finger on captured image to scribble or sketch	Normal(Portrait)*	Wallpaper
	Pretty Arrange Camera	Touch up faces in captured images	Normal(Portrait)*	5M
	Self Portrait Camera	Use guide to capture self portraits	Normal(Portrait)*	5M
	Face Register Camera	Register name and note for faces	Normal(Portrait)*	VGA*
Video Camera	**Fine Video Camera**	Record long high quality video	Auto Focus	Wide
	Video Camera for Mail	Record short video easily to send it via mail	Auto Focus	QCIF

Capturing Still Images

Viewer Position

Follow these steps to capture someone's image using *Pro Auto Camera*:
(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

1 **Rotate Display to Viewer position**
- When rotating Display to Viewer position for the first time, Viewer Position menu opens; tap *Take Picture* to complete setup.

2 **Tap ▦ ➡ Swipe finger to select *Pro Auto Cam***

Pro Auto Cam

Customize it as desired for those who with own tastes.
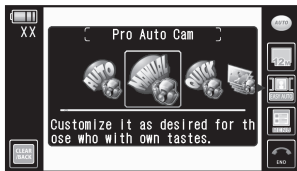
3 **Tap Pro Auto Camera**
- Pro Auto Camera activates.
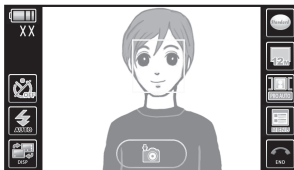
4 **Frame subject on Display**

Photo Viewfinder (face detected)

- Focus is locked on faces automatically for Pro Auto Camera, Easy Auto Camera, etc. (Portrait auto focus)
- When multiple faces are detected, frame appears on each face; tap one on which to lock focus.
- Register name, note, etc. for faces; entered information appears in Viewfinder upon face detection, and captured images are sorted into albums (Person) when saved. (Detect Personal)

5 **▬**

Captured Image Window

CLEAR/BACK   Options   Message   END

- Shutter clicks; captured image appears.

6 **Tap ▧**
- Image is saved. (Viewfinder returns.)
- Open saved images via Album, Review or Data Folder.

7 **Tap *END* ➡ Camera shuts down**

Mobile Light
- Mobile Light may illuminate automatically depending on ambient light level or camera type. Follow these steps to turn setting off:
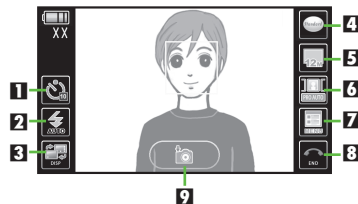 **[Photo Viewfinder] Tap ⚡ ➡ Tap ⚡ twice**
- Tap *MENU* first for some cameras.

Advanced

✍ ●Selecting Self-timer time/repeat interval ●Changing image size ●Changing focus frame design ●Changing shutter click sound ●Changing save location ●Changing Mobile Light mode (And more on **P.8-28** - **8-29**)

Pre-Image Capture Operations (Touch Panel)

Indicators appear on Display. Tap one to adjust the corresponding setting or execute the assigned command. Indicators vary by camera type.

1	Self-timer	**6**	Switch cameras
2	Mobile Light	**7**	MENU
3	Toggle indicator view	**8**	Exit
4	Scene	**9**	Release shutter
5	Picture Size		

Toggling Indicator View
 [Photo Viewfinder] Tap *DISP*
Opening Status Icon List
● When indicators (signal strength, battery strength, etc.) appear at Display top, tap indicator area to check active indicators and their descriptions.

■ **Additional Operations**
Shortcuts:

Zoom In/Out	Drag finger up or down on image
Adjust Brightness	Drag finger left or right on image
Focus Lock	Tap image

Tap *MENU* for more functions/settings.

Opening Help
 [Photo Viewfinder] Tap *MENU* ➜ **Tap** *Help* **twice**

Clamshell Open

Follow these steps to capture distant scenery using *Quick Camera*:
(Descriptions are for operation with handset keys, with Display in portrait orientation.)

1 🔲▣
● Photo Viewfinder appears.

2 ✉ ➜ *Switch Camera* ➜ ● ➜ *Quick Cam* ➜ ●

3 **Frame subject on Display**
● Faces are not detected automatically for Quick Camera. For close-up portrait shots, press 🔲 and use ◎ to adjust focus. (Manual Focus)

4 ●
● Shutter clicks; captured image is saved. (Viewfinder returns.)
● Open saved images via Album, Review or Data Folder.

5 📞 ➜ **Camera shuts down**

Mobile Light
● Mobile Light may illuminate automatically depending on ambient light level or camera type. Follow these steps to turn setting off:
 [Photo Viewfinder] ✉ ➜ *Mobile Light* ➜ ● ➜ *Off* ➜ ●

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Camera & Imaging

Advanced

🄑 ●Correcting portrait auto focus images (And more on **P.8-30**)

8-6

Pre-Image Capture Operations (Handset Keys)

Zoom In/Out	ⓢ/ⓠ
Adjust Brightness	ⓢ/ⓢ
Toggle Mobile Light Mode	井／₂
Toggle Indicator View	📟
Open Help	⓪ ˘͞

Press ⓢ to open Options menu for more functions/settings.

Focus Lock

Lock focus on subject; camera continuously focuses on the subject even if it moves. Chase Focus tracks the subject's movement, and Continuous AF adjusts focus as the distance to the subject changes.

1. **In Photo Viewfinder, frame subject in center of Display**

2. **Half press 💻 or tap subject**
   ● Focus Lock is set.

3. **💻**
   ● Captured image appears.
   ● Tap *OK* to return to Viewfinder.

Using Handset Keys
   [Photo Viewfinder] Frame subject in center of Display ➡ 🔂 ➡ ⓢ
Canceling Focus Lock
   ● Release 💻 or press 🔂.
Chase Focus
   ● Camera distinguishes the subject by color; light-colored subjects or subjects having the same color as the background may not be tracked correctly.

Image Size & Print/Display Size

940SH Picture Size & Corresponding Print/Display Size:

12M	A3 prints
8M	A4 prints
5M	B5 prints
3M	L to 2L prints
Full HD	Full HD display wallpaper*
Wallpaper	940SH Wallpaper
VGA	VGA display wallpaper*
QVGA	QVGA display wallpaper*

*For image specifications, see **P.17-20** "Photo Camera."

Auto Resize Zoom
   ● At *12M*, Picture Size changes with zoom scale (print quality may be affected); check the size on indicator before image capture.
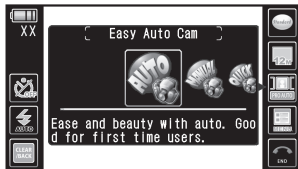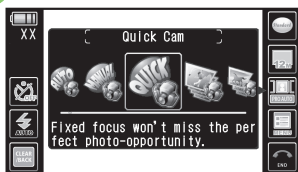
Using Various Cameras

Activating Cameras

(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

1 In Photo Viewfinder, tap 📖

XX
[Easy Auto Cam]
Ease and beauty with auto. Good for first time users.

2 Swipe finger to select camera

XX
[Quick Cam]
Fixed focus won't miss the perfect photo-opportunity.

3 Tap camera

- Selected camera activates.
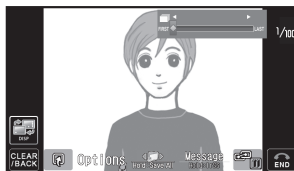- For subsequent operations, see "Using Tailored Cameras" below.

Using Tailored Cameras

(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

■ **Rapid Shooting Camera**

1 Tap 📷

2 Tap mode twice

3 Frame subject on Display ➡ ⬜

1/100

DISP
CLEAR/BACK   🔘 Options   Hold:Save All   Message   END

- After image capture, the first preview image appears.

4 Long Touch *Hold:Save All*

- All captured images are saved.
- Save process may take some time depending on the number of captured images.

Saving Selected Images
After ③, drag image left or right to select one ➡ Tap 📁

Creating Strobe Photo (Composite Image)
After ③, tap ◨ ➡ Tap *Yes* ➡ Tap *OK*
- Tap 📁 to save.
- May be unavailable depending on the number of captured images.

■ **Look Back Camera**

1 Frame subject on Display ➡ Tap 💫 or 💫

- Attention-getting sound plays.

2 Shutter is released upon face detection; image is saved

3 Tap *OK*

- Viewfinder returns.

8 Camera & Imaging

8-8

■ **Smile Camera**

❶**Frame subject on Display**

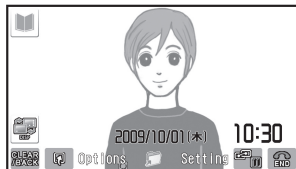❷**Shutter is released upon smile detection; image is saved**

❸**Tap *OK***
● Viewfinder returns.

■ **Self Timer Camera**

❶**Frame subject on Display ➡ ▭**
● Countdown starts.

❷**Shutter is released after approximately ten seconds; image is saved**

❸**Tap *OK***
● Viewfinder returns.

■ **Wallpaper Camera**

❶**Frame subject on Display ➡ ▭**

2009/10/01(木) 10:30

● Wallpaper preview appears.

❷**Tap *Setting***
● Image is set as Wallpaper. (Viewfinder returns.)

■ **Auction Camera**

❶**Frame subject on Display ➡ ▭**
● First preview image appears.

❷**Tap 🔲**
● Repeat ❶ - ❷ to capture two more images following onscreen instructions.

❸**Tap *Yes***

■ **Messaging Camera**

❶**Frame subject on Display ➡ ▭**

❷**Tap ✉**
● Mail Composition window opens. Complete and send message.

8 Camera & Imaging

Advanced

🔧 ●Selecting Self-timer time/repeat interval (**P.8-28**)
●Adjusting smile detection level ●Changing Clock/Calendar type for Wallpaper Camera (**P.8-29**)
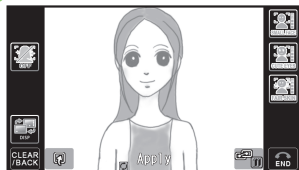
■ **Pretty Arrange Camera**

1 **Frame subject on Display** ➔ ▭

2 **Tap** [icon]

- Face is touched up.

3 **Tap** *Apply* ➔ **Tap** [icon]
- Viewfinder returns.

Adjusting Each Effect Separately
After ②, tap corresponding indicator ([icon], etc.)
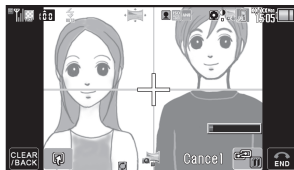■ Tap the same indicator repeatedly for further adjustment.

Editing Images
After ①, tap [icon] ➔ Tap effect
■ For more, see **P.8-22** "Picture Editor."

■ **Panorama Camera**

1 **Frame subject on Display** ➔ ▭

2 **Move handset slowly to keep** ✢ **aligned with either of yellow lines**

3 ▭
- Captured image is saved.
- Image is captured automatically when the bar ([   ]) turns blue.

■ **Self Portrait Camera**
Open handset and rotate Display 180 degrees. (Self Portrait position)

1 **Rotate Display to Self Portrait position**

2 **Turn handset upside down**

3 **Frame your face on Display** ➔ **Face is detected**

4 **Shutter is released after approximately two seconds; image is saved**

5 ●
- Viewfinder returns.

■ **Additional Cameras**

Three-Shot Camera	Frame subject on Display ➔ ▭ ➔ Long Touch *Hold:Save All* • For more, see **P.8-8** "Rapid Shooting Camera." (Creating strobe photo is not available for Three-Shot Camera.)
Scene Cameras	
Monochrome Camera	Frame subject on Display ➔ ▭
Sepia Camera	
Long Exposure Camera	Frame subject on Display ➔ ▭ • Shutter is left open for approximately 30 seconds before image capture.
Blog Camera	Frame subject on Display ➔ ▭ ➔ Tap [icon] ➔ Proceed with blogging
Drawable Camera	Frame subject on Display ➔ ▭ ➔ Tap [icon] ➔ Drag finger on image ➔ Tap *Assign*
Scanner Camera	Frame subject on Display ➔ ▭ ➔ Move handset slowly to scan the area to capture ➔ ▭

Advanced

[icon] ●Changing panorama settings ●Previewing panorama image ●Changing panorama image preview method ●Changing exposure time for Long Exposure Camera (**P.8-30**)

Changing & Saving Camera Settings

Change settings according to purpose/environment; save frequently used settings as *My Camera* for future use.

● Some settings may be unavailable depending on camera type (no corresponding indicators appear).
● For setting procedures, see **P.8-28** - **8-29**. In addition to these, there are settings unique to each tailored camera.

Major Items

		Description
Focus	**Focus Mode**	Select from *Normal(Portrait)*, *Center Auto Focus*, *Low Light* and *Manual Focus*
	Continuous AF	Select whether to adjust focus continuously as focus-locked subject's position changes
	Chase Focus	Select whether to track focus-locked subject automatically as it moves within framed image
	Focus Mark	Select focus frame design from *pattern 1* to *pattern 6*
Shutter	**Self-timer**	Select *10 sec.*, *5 sec.*, *2 sec.* or *Off*
	Shutter Mode	Select from *Normal* (manual), *Egao* (smile detection) and *Furimuki* (face detection)
	Shutter Sound	Select shutter click sound from *pattern 1* to *pattern 3*
Image Size & Quality	**Picture Size**	Select image size from *12M(3000x4000)* to *QVGA(240x320)*
	Picture Quality	Select image quality from *High Quality*, *Fine* and *Normal*

|		**Description**
Environment	**ISO Sensitivity**	Select light sensitivity from *Auto(～ 800)* to *Auto(High: ～ 12800)* and *100* to *12800*
	White Balance	Select *Auto*, *Daylight*, *Cloud/Shade*, *Tungsten* or *Fluorescent* according to lighting conditions
	Exposure	Select amount of light received by camera from *-2* to *+2*
	Mobile Light	Select Mobile Light mode from *On*, *Automatic*, *Low Light* and *Off*
Save Settings	**Save Pictures to**	Select *Phone Memory*, *Memory Card*, *DCIM* or *Ask Each Time*
	Auto Save	Select *ON(Preview Off)*, *On(Preview 2 sec.)*, *On(Preview Manual)* or *Off*
	Background Save	Select whether to enable quick transition to Viewfinder after saving images
Other	**Shake Reducing**	Select shake reduction option from *Auto*, *Auto(Strong)* and *off*
	Display Setting	Select indicator view from *Icon On*, *Icon Off* and *Guidance*
	Set Send Key	Select send option assigned to ⓨ

Changing Settings

Example: Picture Quality
(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

1 **In Photo Viewfinder, tap *MENU***
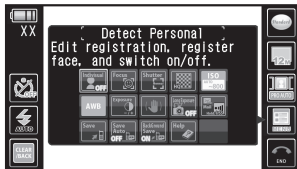
2 **Tap *Picture Quality* twice**
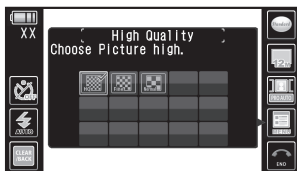
3 **Tap quality twice**
- Viewfinder returns.
- For some settings, current status appears in their indicators.

Saving Changed Settings

After image capture, save changed settings with a name and captured image; load saved settings in the same manner as switching cameras.
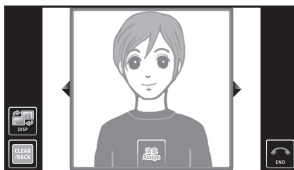(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

Saving as My Camera

1 **In captured image window, tap *Options* ▶ Tap *My Camera Entry***
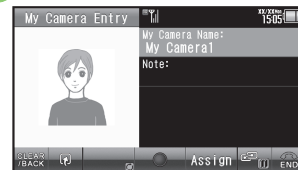- Messages appear.

2 **Drag frame to specify image area**

- The specified portion will be used as the camera's icon.

3 **Tap *Assign***

4 **Tap *My Camera Name:***

5 **Enter name ▶ Tap *Done***

6 **Tap *Assign***
- My Camera is created.

Entering Information
After 5, tap *Note:* ▶ Enter text ▶ Tap *Done* ▶ 6

Using My Cameras

1 **In Photo Viewfinder, tap camera selection indicator (📷, etc.)**

2 **Swipe finger to select My Camera**

3 **Tap My Camera**

**8** Camera & Imaging

Advanced

📖 ●Deleting My Cameras ●Editing My Cameras (**P.8-30**)

8-13

Registering Faces (Detect Personal)

Register faces; related information appears in Viewfinder upon face detection, and captured images are sorted into albums (Person) when saved.

● Register name, note and priority for up to ten faces.
● When multiple registered faces are detected, focus is locked to one with highest priority.
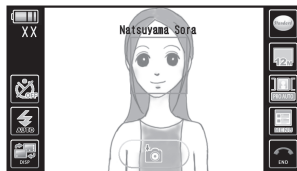
Information in Viewfinder

Saving Entries

(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

¹**In Photo Viewfinder, tap _MENU_**

²**Tap _Detect Personal_**

³**Tap _Register Face_**

> Face in Guide frame when in frame red, take a picture.

⁴**Use guide to find best position**
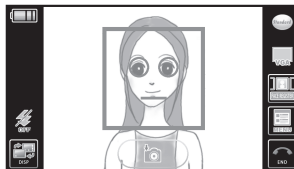
● Guide turns red when face is detected.

⁵⬜

● Window shown above opens when face is recognized correctly; if not, repeat ❹ - ❺.

⁶**Tap _Empty_**

⁷**Tap _Name:_**

⁸**Enter name ➡ Tap _Done_**

Tap *Assign*

- Entry is saved.
- The lower the entry number the higher the priority.

Entering Information
After ⑧, tap *Note:* ➡ Enter text ➡ Tap *Done* ➡ ⑨

Setting Text Color
After ⑧, tap *Font Color:* ➡ Tap color ➡ ⑨

■ Upon face detection, information in Viewfinder appears in the selected color.

Editing Entries

1 **In Photo Viewfinder, tap *MENU***

2 **Tap *Detect Personal* ➡ Tap *Edit Face* twice**

Edit Face Window

3 **Select entry ➡ Tap *Edit***
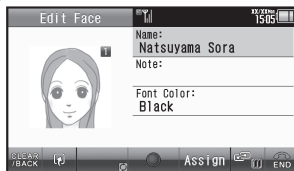
4 **Tap item ➡ Edit in the same manner as saving entries**

---

5 **Tap *Assign***

- Entry is overwritten.

Deleting/Moving Entries

Follow these steps to delete an entry:

1 **In Edit Face window, select entry**

2 **Tap *Options***

3 **Tap *Delete* ➡ Tap *Yes***

- Entry is deleted.

Moving Entries (Changing Priorities)
After ②, tap *Change Priority* ➡ Tap target location

8

Camera & Imaging

8-15

Recording Video

Viewer Position

Follow these steps to record long video using *Fine Video Camera*:
(Descriptions are for operation with Touch Panel, with Display in landscape orientation.)

1. **Tap *MENU* ➜ Tap *Camera***

2. **Tap *Fine Video Camera***

Video Viewfinder
(Fine Video Camera)

3. **Frame subject on Display ➜ ▬**

 - Recording starts after a tone.
 - If Memory Card is not inserted, storage media options appears.

4. **▬**

5. **Tap *Save***

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

Playing Unsaved Video
  In 5, tap *Preview*
Incoming Calls
 - If a call arrives before video is saved, recorded clip is temporarily saved. End the call to return.

If Battery Runs Low
  Recording stops. (Recorded clip is saved.)

Switching Video Cameras
  [Video Viewfinder] Tap *Options* ➜ Tap *Simple Setting* ➜ Tap video camera

Operations in Video Viewfinder (Touch Panel)

Indicators appear on Display. Tap one to adjust the corresponding setting or execute the assigned command.

1	Start recording	4	Mobile Light
2	Zoom in/out	5	Exit
3	Adjust brightness	6	Switch cameras

Opening Status Icon List
 - Tap indicator area (Display top) to check active indicators and their descriptions.

Advanced

 ●Adjusting focus quickly for close-up shots ●Changing image quality ●Activating Mobile Light ●Capturing images while recording video (still image capture) ●Changing recording time/size (And more on **P.8-30** - **8-31**)

■ Additional Operations

Zoom In/Out	Tap *Zoom* ➡ Drag slider
Adjust Brightness	Tap *Exposure* ➡ Drag slider
Toggle Mobile Light Mode	Tap *Light*
Focus Lock	Tap image
Pause/Resume Recording	Tap *Pause* or *Restart*[*]
Capture Still Images	Tap *Capture Image*
Cancel Recording (Start Over)	Tap *CLEAR/BACK* (in Viewer position only)

[*]May be unavailable depending on recording size.
Tap *Options* to open Options menu for more functions/settings.

Opening Help
　[Video Viewfinder] Tap *Options* ➡ Tap *Help*
Switching Cameras
　[Video Viewfinder] Tap *Options* ➡ Tap *Switch Camera* ➡ Swipe finger to select camera ➡ Tap camera

---

Clamshell Open

Follow these steps to send recorded video via mail using *Video Camera for Mail*:
(Descriptions are for operation with handset keys, with Display in portrait orientation.)

1 ● ➡ *Camera* ➡ ●

2 *Video Camera for Mail* ➡ ●

Video Viewfinder
(Video Camera for Mail)

3 Frame subject on Display ➡ ●
● Recording starts after a tone.

4 ●


```
Save
Save
Preview
Send
```

● Recording stops with a tone.

---

5 *Send* ➡ ●

6 *Save and Send* ➡ ●
● Mail Composition window opens.

7 Complete message ➡ (Y)

Switching Video Cameras
　[Video Viewfinder] ✉ ➡ *Simple Setting* ➡ ● ➡ Select video camera ➡ ●

Operations in Video Viewfinder (Handset Keys)

Zoom In/Out	⑤/⑨
Adjust Brightness	⊙/⊙
Toggle Mobile Light Mode	#.⁵
Change Quality	✳
Pause/Resume Recording	While Recording, (Y)[*]
Capture Still Images	While Recording, ✉
Cancel Recording (Start Over)	CLEAR/BACK
Open Help	0

[*]May be unavailable depending on recording size.
Press ✉ to open Options menu for more functions/settings.

Opening Saved Images via Album

Basics

Handset sorts saved images into up to 500 albums of the following preloaded categories automatically; create original albums as needed.

Person	Stores portraits sorted into albums by face registered via Detect Personal
Event	Stores images sorted into albums by period scheduled in Calendar
By Camera	Stores images sorted into albums by camera type
By Date	Stores images sorted into albums by captured date

Album Images & Source Files

● Album stores only file locations. (Source files are saved in Data Folder.) Images disappear from Album if source files are deleted, moved or renamed.
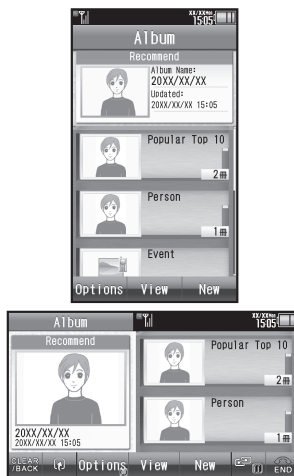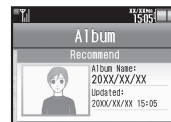

A single image can be sorted into multiple categories (e.g., a portrait captured using a specific camera is stored in *By Camera* and *Person*). In addition, a single image with multiple registered faces will be stored in each subject's album in *Person*.

Opening Albums

(Descriptions are for operation with handset keys, with Display in portrait orientation.)

1 🔳 **(Long)**

Album Window

● *Recommend* shows a recently updated album.
● *Popular Top 10* stores ten most frequently opened albums.

2 Select category ➡ ●

Album List

● Albums within appear.

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3 Select album ➡ ●

20XX/XX/XX
20XX/XX/XX

Image List

4 Use ⓒ to select image
● To scroll quickly, swipe finger up or down across Display.

5 ●
● Image appears.

Opening Latest Album
After ❶, ⓨ
Slide Show
After ❷, select album ➡ ⓔ ➡ *Slide Show* ➡ ●
Copying/Moving Images to Other Albums
After ❹, ⓔ ➡ *Past Other Album* (or *Re-Past Other Album*) ➡ ● ➡ Select category ➡ ● ➡ Select album ➡ ●
● Images in By Date or By Camera albums cannot be moved (*Re-Past Other Album* does not appear).

Creating Original Albums

Create new albums by selecting sort keys (from Person, Event and By Camera) and specifying date and time.
Follow these steps to create an album by selecting sort keys from Person and By Camera:

1 In Album window, ⓔ ➡ *Create Original Album* ➡ ●

Original Album

Choose Portrait
No Setting

Select Event
No Setting
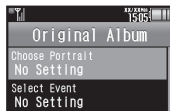
2 *Choose Portrait* ➡ ●

3 Select entry ➡ ●

Choose Portrait

Kimura Tetsuya

Natsuyama Sora

● Repeat ❸ to complete selection.

4 ⓨ

---

5 *Select Camera Type* ➡ ●

6 Select camera ➡ ●

Camera Type

☑ Smile Cam

■ Three-Shot Cam

● Repeat ❻ to complete selection.

7 ⓨ

8 *Create Album* ➡ ●

9 Enter name ➡ ●

10 *Yes* ➡ ●

Previewing Created Album
After ❼, *Album Preview* ➡ ●
■ To return, press 🔙.

Editing Albums

Some albums may not be edited.

Renaming Albums

1 **In Album window or album list, select album ➜ ⓒ**

> Options
> Slide Show
> Create Original Album
> Change Album Name
> Change a Cover   》
> Details

2 *Change Album Name* ➜ ⓞ

3 Enter name ➜ ⓞ

Adding Images

Not available for By Date or By Camera albums.

1 **In album list, select album ➜ ⓒ**

2 *Add Picture* ➜ ⓞ

> Add Picture
> Picture Folder
> DCIM Folder

3 Select folder ➜ ⓞ

4 Select image ➜ ⓞ

Adding Images via Data Folder
ⓞ ➜ *Data Folder* ➜ ⓞ ➜ *Pictures* or *DCIM* ➜ ⓞ ➜ Select image ➜ ⓒ ➜ *Save to Album* ➜ ⓞ ➜ Select category ➜ ⓞ ➜ Select album ➜ ⓞ

Deleting Albums

1 **In album list, select album ➜ ⓒ**

2 *Delete* ➜ ⓞ

3 *Yes* ➜ ⓞ

Adding Comments to Images

1 **In image list, select image ➜ ⓒ**

2 *Edit Comment* ➜ ⓞ

3 Enter text ➜ ⓞ

> 20XX/XX/XX
> 20XX/XX/XX
> Great view!

● Entered text appears in image list.

Other Editing Options
● Album image handling is similar to that of Data Folder. For more information, see the chapter "Data Folder & Memory Card."

8 Camera & Imaging

Advanced

⅄ ●Changing album covers ●Sorting albums ●Opening album properties (**P.8-31**)

Opening Saved File via Review

Opening Last Saved File

Open/play last saved mobile camera file; access older files as needed.

1. ● ➔ *Camera* ➔ ●
2. *Review* ➔ ●

Review Window

● To end Review, press 🔚.

Enlarging Images
After ❷, ●
Pausing/Resuming Video
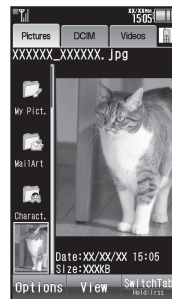After ❷, ● (press to pause/resume)
Opening Help
[Review Window] 0 %
Opening from Video Viewfinder
[Video Viewfinder] ✉ ➔ *Review* ➔ ●

Accessing Older Files

1. In Review window, ✉

XXXXXX_XXXXXX.jpg

| Pictures | DCIM | Videos |

My Pict.
MailArt
Charact.

Date:XX/XX/XX 15:05
Size:XXXKB
Options   View   SwitchTab

Review File List

● File list appears.
● Press ✉ to toggle lists.

2. Select file ➔ ●
● File opens/plays.

8 Camera & Imaging

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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
Paint Pen	Scribble or sketch
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 CLEAR BACK.

6. When finished, ⊙

7. *Save as New* ➡ ●

● To overwrite, select *Overwrite* and press ●. (Omit 8.)

8. Enter name ➡ ● ➡ *Save here* ➡ ●

Canceling Effects
After 5, *Undo* ➡ ●
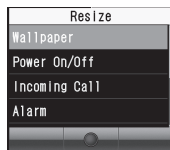■ To restore effect immediately after canceling, select *Redo* and press ●.

Changing Image Size

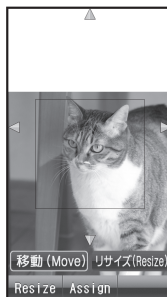Select from preset sizes or crop image.

Resize to Preset Size

❶ **In Picture Editor menu,**
Resize ➜ ●

Resize
Wallpaper
Power On/Off
Incoming Call
Alarm

Resize Window

❷ **Select size ➜** ●

❸ <img icon> **Specify image area**

● If crop frame does not appear, omit ❸.

❹ ●
● Editing is complete.

Zooming In/Out
 After ❸, 🖼 ➜ 📷 ➜ ❹

Cropping Images

❶ **In Resize window,** *Cut* ➜ ●

❷ <img icon> **Move + to the upper left**
corner of the portion to crop
➜ 🖼
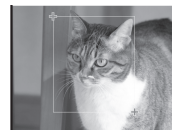
❸ <img icon> **Move + to the lower right**
corner of the portion to crop
➜ ●

❹ ●
● Editing is complete.

Specifying Image Area
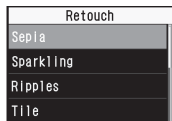 After ❸, 📷 ➜ ❹
Zooming In/Out
 After ❸, 🖼 ➜ 📷 ➜ ❹

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Applying Visual Effects

Render in sepia tones or add blur, etc.

1. **In Picture Editor menu,** *Retouch* ➜ ●

Retouch
Sepia
Sparkling
Ripples
Tile

2. **Select effect** ➜ ●

   Assign

3. ●
   ● Editing is complete.

Adding Frames

1. **In Picture Editor menu,** *Frame* ➜ ●

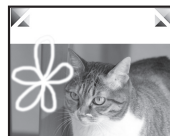 | Frame |
   |---|
   | Frame 1 |
   | Frame 2 |
   | Frame 3 |
   | Frame 4 |
   | View |
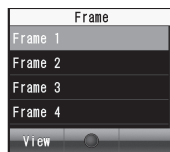
2. **Select frame** ➜ ●

3. ●
   ● Editing is complete.

Scribbling

Drag finger on Display to scribble or sketch.

1. **In Picture Editor menu,** *Paint Pen* ➜ ●

2. **Drag finger freely on image**

3. ●
   ● Editing is complete.

Changing Line Thickness & Color
   In ❷, ✉ ➜ Select thickness ➜ ● ➜
   Select color ➜ ● ➜ ⊱
Using Pictograms
   In ❷, ✉ ➜ ✉ ➜ Select size ➜ ●
   ➜ Select Pictogram ➜ ● ➜ ⊱
Canceling Last Action
   ● Press 🔳.
Zooming In
   In ❷, ⊱
Viewing Portions Outside Display
   In ❷, drag arrows at the corners

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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
Parts
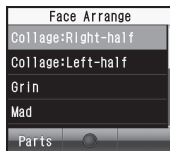
Face Arrange Menu

2 **Select type ➝ ●**

3 ●
 ● Editing is complete.

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.
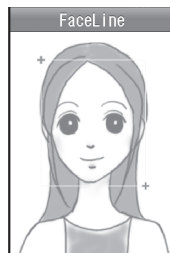
Adjusting Positions

Change the default positions and sizes of targets to fit the image.
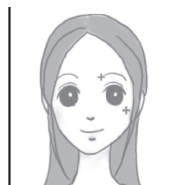
1 **In Face Arrange menu, ✉ ➝ ✉**
 ● A rectangle appears with *+* in the upper left corner.

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. $\textcircled{\scriptsize\bullet}$ ➡ *Data Folder* ➡ $\textcircled{\scriptsize\bullet}$

2. *Pictures* ➡ $\textcircled{\scriptsize\bullet}$ ➡ Select image ➡ $\textcircled{\scriptsize\bullet}$

3. $\textcircled{\scriptsize\boxtimes}$ ➡ *Edit* ➡ $\textcircled{\scriptsize\bullet}$

4. *Composite* ➡ $\textcircled{\scriptsize\bullet}$

5. *Merge Panorama* ➡ $\textcircled{\scriptsize\bullet}$

● File selected in ② is set as left image.

6. *<Empty>* ➡ $\textcircled{\scriptsize\bullet}$ ➡ Select image ➡ $\textcircled{\scriptsize\bullet}$

7. *EFFECT* ➡ $\textcircled{\scriptsize\bullet}$ ➡ Select effect ➡ $\textcircled{\scriptsize\bullet}$
   ● Editing is complete.

8. When finished, $\textcircled{\scriptsize Y!}$
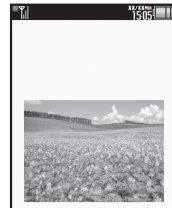
● Merged image appears.

9. $\textcircled{\scriptsize\bullet}$

10. Enter name ➡ $\textcircled{\scriptsize\bullet}$ ➡ *Save here* ➡ $\textcircled{\scriptsize\bullet}$

Changing Images
After ⑦, select image ➡ $\textcircled{\scriptsize\bullet}$ ➡ $\textcircled{\scriptsize\boxtimes}$ ➡ Select image ➡ $\textcircled{\scriptsize\bullet}$
Switching Image Positions
After ⑥, $\textcircled{\scriptsize\boxtimes}$

### Advanced

○ Combining reduced images (**P.8-32**)

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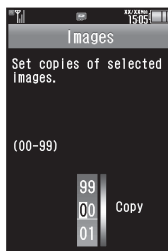
DPOF settings made on other devices are unusable; delete existing settings to create new ones on handset.

1. ● ➡ *Settings* ➡ ● ➡ ◌ *Phone/*🔁

2. *Memory Card* ➡ ● ➡ *DPOF* ➡ ●

3. *Number of Copies* ➡ ●
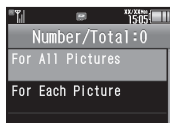
4. *For Each Picture* ➡ ● ➡ Select folder ➡ ●

5. Select image ➡ ✉

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.8-32**)

8 Camera & Imaging

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General

Changing function assigned to Camera Key (⌂)	● ➡ *Camera* ➡ ● ➡ *Set Camera Key* ➡ ● ➡ Select function ➡ ●

Photo Camera

Some functions may be unavailable or accessible via a different menu path depending on camera type.

Opening Help	In Photo Viewfinder, ✉ ➡ *Help* ➡ ● ● Press ⓨ to toggle Help window for Touch Panel and key assignments.
Locking focus	In Photo Viewfinder, 🔒 ● Frame subject in center of Display first. ● To start over, press 🔒 again.
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, ✉ ➡ *Shutter Setting* ➡ ● ➡ *Set Remote Shutter* ➡ ● ➡ *Off* ➡ ● ● Available when a Bluetooth® watch is registered.

■ **Photo Camera Settings (General)**

Selecting Self-timer time/ repeat interval	In Photo Viewfinder, ✉ ➡ *Self-timer* ➡ ● ➡ Select time ➡ ● ● For Self Timer Camera, select time or repeat interval.
Changing image size	In Photo Viewfinder, ✉ ➡ *Picture Size* ➡ ● ➡ Select size ➡ ●
Setting Center Auto Focus	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Center Auto Focus* ➡ ●
Adjusting focus quickly for close-up shots	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Low Light* ➡ ●
Adjusting focus manually	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Manual Focus* ➡ ● ➡ Adjust focus ➡ ● ● To readjust focus, press 🔒.
Canceling Continuous AF	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Continuous AF* ➡ ● ➡ *Off* ➡ ●
Canceling Chase Focus	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Chase Focus* ➡ ● ➡ *Off* ➡ ●
Changing focus frame design	In Photo Viewfinder, ✉ ➡ *Focus Setting* ➡ ● ➡ *Focus Mark* ➡ ● ➡ Select pattern ➡ ●

Releasing shutter when subject smiles	In Photo Viewfinder, ⊠ ➡ *Shutter Setting* ➡ ● ➡ *Shutter Mode* ➡ ● ➡ *Egao* ➡ ●
Adjusting smile detection level	In Photo Viewfinder, ⊠ ➡ *Shutter Setting* ➡ ● ➡ *Egao level* ➡ ● ➡ Select level ➡ ● ● Lower the level when detection is slow.
Releasing shutter when subject turns face to camera	In Photo Viewfinder, ⊠ ➡ *Shutter Setting* ➡ ● ➡ *Shutter Mode* ➡ ● ➡ *Furimuki* ➡ ●
Changing shutter click sound	In Photo Viewfinder, ⊠ ➡ *Shutter Setting* ➡ ● ➡ *Shutter Sound* ➡ ● ➡ Select pattern ➡ ● ● Shutter click sounds for continuous shooting and panorama/scanner image capture are fixed.
Changing image quality	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Picture Quality* ➡ ● ➡ Select quality ➡ ●
Adjusting light sensitivity	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *ISO Sensitivity* ➡ ● ➡ Select level ➡ ●
Adjusting image color to lighting conditions	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *White Balance* ➡ ● ➡ Select mode ➡ ●
Adjusting brightness	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Exposure* ➡ ● ➡ Adjust level
Selecting shake reduction option	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Shake Reducing* ➡ ● ➡ Select option ➡ ●
Capturing images in low light	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Long Exposure* ➡ ● ➡ Select time ➡ ●
Switching indicator view	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Display Setting* ➡ ● ➡ Select option ➡ ●

Selecting send option assigned to ⊻	In Photo Viewfinder, ⊠ ➡ *Settings* ➡ ● ➡ *Set Send Key* ➡ ● ➡ *Short press* or *Long press* ➡ ● ➡ Select option ➡ ● ● Select send option separately for each key press method.
Changing save location	In Photo Viewfinder, ⊠ ➡ *Save Setting* ➡ ● ➡ *Save Pictures to* ➡ ● ➡ Select option ➡ ●
Selecting automatic save option	In Photo Viewfinder, ⊠ ➡ *Save Setting* ➡ ● ➡ *Auto Save* ➡ ● ➡ Select option ➡ ● ● When *Off*, press ● after image capture to save.
Disabling quick transition to Viewfinder after saving images	In Photo Viewfinder, ⊠ ➡ *Save Setting* ➡ ● ➡ *Background Save* ➡ ● ➡ *Off* ➡ ●
Changing Mobile Light mode	In Photo Viewfinder, ⊠ ➡ *Mobile Light* ➡ ● ➡ Select mode ➡ ● ● Mobile Light goes out automatically after three minutes. Reactivate mobile camera to re-illuminate it. ● Do not use Mobile Light near people's faces or look into the light yourself.

■ **Photo Camera Settings (Tailored Cameras)**

Changing continuous shooting mode	In Rapid Shooting Camera or Three-Shot Camera Viewfinder, ⊠ ➡ *Continuous Type* ➡ ● ➡ Select mode ➡ ●
Changing Look Back Camera sound	In Look Back Camera Viewfinder, ⊠ ➡ *Turn Sound* ➡ ● ➡ *Button 1* or *Button 2* ➡ ● ➡ Select sound ➡ ●
Changing Clock/Calendar type for Wallpaper Camera	In Wallpaper Camera Viewfinder, ⊠ ➡ *Clock/Calendar* ➡ ● ➡ Select type ➡ ●

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Changing panorama settings	Start Here **In Panorama Camera or Scanner Camera Viewfinder,** ⊠ ➡ **See below**
	Hiding Guides *Assisting Lines* ➡ ⦿ ➡ *Off* ➡ ⦿
	Locking Display Brightness during Image Capture *AE-Lock* ➡ ⦿ ➡ *Enable* ➡ ⦿
Previewing panorama image	**After panorama image capture,** *Preview* ➡ ⦿ ● Available when Auto Save is *Off*.
Changing panorama image preview method	**After panorama image capture,** *Preview* ➡ ⦿ ➡ ⊠ ➡ **Select method** ➡ ⦿ ● Available when Auto Save is *Off*.
Changing exposure time for Long Exposure Camera	**In Long Exposure Camera Viewfinder,** ⊠ ➡ *Long Exposure* ➡ ⦿ ➡ **Select time** ➡ ⦿

■ **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* ➡ ⦿ ➡ ⦿
Brightening backlit subjects (Dynamic Range Adjustment)	**After image capture,** ⊠ ● May be unavailable or require access via Options menu depending on Auto Save setting.

Seeking guidance for better shots	**After image capture, tap** ▧ ● Follow onscreen instructions. ● May be unavailable depending on Auto Save setting.

■ **My Camera**

Deleting My Cameras	**In Photo Viewfinder,** ⊠ ➡ *Switch Camera* ➡ ⦿ ➡ **Select My Camera** ➡ ⊠ ➡ *Delete My Camera* ➡ ⦿ ➡ *Yes* ➡ ⦿
Editing My Cameras	**In Photo Viewfinder,** ⊠ ➡ *Switch Camera* ➡ ⦿ ➡ **Select My Camera** ➡ ⊠ ➡ *Edit My Camera* ➡ ⦿ ➡ *My Camera Name:* **or** *Note:* ➡ ⦿ ➡ **Edit** ➡ ⦿ ➡ ⓨ

Video Camera

Opening Help	**In Video Viewfinder,** ⊠ ➡ *Help* ➡ ⦿ ● Press ⓨ to toggle Help window for indicator descriptions and key assignments.
Selecting Self-timer time	**In Video Viewfinder,** ⊠ ➡ *Self-timer* ➡ ⦿ ➡ **Select time** ➡ ⦿
Adjusting brightness	**In Video Viewfinder,** ⊠ ➡ *Settings* ➡ ⦿ ➡ *Exposure* ➡ ⦿ ➡ **Adjust level**
Adjusting focus quickly for close-up shots	**In Video Viewfinder,** ⊠ ➡ *Focus Setting* ➡ ⦿ ➡ *Macro* ➡ ⦿
Adjusting focus manually	**In Video Viewfinder,** ⊠ ➡ *Focus Setting* ➡ ⦿ ➡ *Manual Focus* ➡ ⦿ ➡ **Adjust focus** ➡ ⦿ ● To readjust focus, press ⟐.

Locking focus	In Video Viewfinder, ⚟ ● Frame subject in center of Display first. ● To start over, press ⚟ again.
Changing image quality	In Video Viewfinder, ⊜ ➡ *Settings* ➡ ⦿ ➡ *Video Quality* ➡ ⦿ ➡ Select quality ➡ ⦿
Activating automatic saving	In Video Viewfinder, ⊜ ➡ *Save Setting* ➡ ⦿ ➡ *Auto Save* ➡ ⦿ ➡ *On* ➡ ⦿
Changing save location	In Video Viewfinder, ⊜ ➡ *Save Setting* ➡ ⦿ ➡ *Save Videos to* ➡ ⦿ ➡ Select option ➡ ⦿
Activating Mobile Light	In Video Viewfinder, ⊜ ➡ *Mobile Light* ➡ ⦿ ➡ *On* ➡ ⦿ ● Mobile Light goes out automatically after three minutes. Reactivate mobile camera to re-illuminate it. ● Do not use Mobile Light near people's faces or look into the light yourself.
Capturing images while recording video (still image capture)	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 ➡ ⦿ ● Selectable item depends on camera type.
Enlarging Viewfinder size	In Video Viewfinder, ⊜ ➡ *Display Size* ➡ ⦿ ➡ *Enlarge* ➡ ⦿

Recording video without sound	In Video Viewfinder, ⊜ ➡ *Settings* ➡ ⦿ ➡ *Microphone* ➡ ⦿ ➡ *Off* ➡ ⦿
Changing video encoding	In Video Viewfinder, ⊜ ➡ *Save Setting* ➡ ⦿ ➡ *Video Encode* or *Audio Encode* ➡ ⦿ ➡ Select option ➡ ⦿ ● Selectable item depends on camera type.
Disabling shake reduction	In Video Viewfinder, ⊜ ➡ *Shake Reducing* ➡ ⦿ ➡ *Off* ➡ ⦿
Prioritizing video frame rate	In Video Viewfinder, ⊜ ➡ *Save Setting* ➡ ⦿ ➡ *Picture Setting* ➡ ⦿ ➡ *Prio Motion* ➡ ⦿

Album

Changing album covers	**Start Here** ⦿ ➡ *Camera* ➡ ⦿ ➡ *Album* ➡ ⦿ ➡ Select category ➡ ⦿ ➡ Select album ➡ ⊜ ➡ *Change a Cover* ➡ ⦿ ➡ See below **Selecting from All Images Within** *Select Picture List* ➡ ⦿ ➡ Select image ➡ ⦿ **Using Latest Image** *Latest Picture* ➡ ⦿
Sorting albums	⦿ ➡ *Camera* ➡ ⦿ ➡ *Album* ➡ ⦿ ➡ Select category ➡ ⦿ ➡ Select album ➡ ⦿ ➡ ⊜ ➡ *Sort* ➡ ⦿ ➡ Select option ➡ ⦿
Opening album properties	⦿ ➡ *Camera* ➡ ⦿ ➡ *Album* ➡ ⦿ ➡ Select category ➡ ⦿ ➡ Select album ➡ ⊜ ➡ *Details* ➡ ⦿

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 ➡ (●) ➡ (Y)
	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 (CLR).
	Changing File Size *File Format* ➡ (●) ➡ *File Size* ➡ (●) ➡ Select size ➡ (●) ● Changing file size may affect image quality. ● To return to Picture Editor menu, press (CLR).

■ 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, (Y) ➡ 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* ➡ (●)

DPOF

Changing print settings	Start Here (●) ➡ *Settings* ➡ (●) ➡ (✦) *Phone/* ➡ *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* ➡ (●)

8

Camera & Imaging

8-32

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**

- 940SH 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.

?
Image is dark or distorted

- Avoid capturing strong light sources
  (sun, lamps, etc.) in the background.

?
Captured image appears all white

- When Long Exposure is active,
  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.

8

Camera & Imaging

8-33

Photo Camera Terms

❓ Center Auto Focus

● Camera automatically selects center of the framed image as point of focus (**P.8-28**).

❓ Continuous AF

● Focus continuously adjusts as focus-locked subject's position changes (**P.8-7**, **P.8-28**).

❓ Chase Focus

● Focus tracks focus-locked subject as it moves within framed image (**P.8-7**, **P.8-28**).

❓ Self-timer

● Releases shutter automatically after selected time elapses (**P.8-28**).

❓ Long Exposure

● Capture images in low light (fireworks, night scenes, etc.) (**P.8-10**). Stabilize handset to reduce camera shake.

❓ ISO Sensitivity

● Adjust light sensitivity (**P.8-29**). Higher ISO brightens low light images, but increases noise, making images grainy.

❓ White Balance

● Select a mode (Daylight, Tungsten, Fluorescent, etc.) to adjust image color to lighting conditions (**P.8-29**).