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; access older files as needed.

Precautions
- 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

Capturing Still Images

1 📷▷

Photo Viewfinder

- Frames appear on detected faces. For details, see "Using Portrait Photography Features."
- Mobile Light may illuminate automatically depending on ambient light level. Press #️⃣ twice to toggle setting *Off*.

2 Frame subject on Display ➡ ●

Captured Image Window

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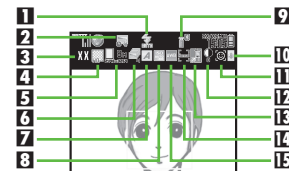- Open saved images via Review or Data Folder.

3 ●

- Viewfinder returns.

4 📵 ➡ **Camera shuts down**

Sending Captured Images at High Speed via Infrared

After **2**, ☑ **(Long)** ➡ *Yes* ➡ ●

- Set recipient device to ready beforehand.

Photo Viewfinder Indicators

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

7 Camera & Imaging

Advanced

🔧 ●Accessing files from Viewfinder ●Adjusting brightness ●Adjusting focus quickly for close-up shots ●Changing shutter click sound ●Changing Mobile Light mode ●Changing image size ●Adjusting color balance according to lighting conditions (And more on **P.7-19** - **7-20**)

■ **Showing Large Indicators**
Press $\boxed{\mathbb{F}}$ in Photo Viewfinder to show
large indicators along the edges of Display.

Press $\boxed{\mathbb{F}}$ to toggle indicator view
(Normal, Icon On, Icon Off and Guidance).

Accessing Settings via Indicators
$\textcircled{x}$ **(Long)** ➜ Select function ➜ $\textcircled{\bullet}$

Pre-Image Capture Operations

Zoom In/Out	$\textcircled{x}/\textcircled{x}$
Toggle Mode	$\textcircled{x}$
Adjust Brightness	$\textcircled{x}/\textcircled{x}$
Change Image Size	$\boxed{2^{\,\frac{\pi}{\pi}}}$
Change Quality	$\boxed{\text{X}^{\,\text{non}}_{\,\text{+2}}}$
Toggle Mobile Light Mode	$\boxed{\#_{\,\text{o}^{\frac{1}{2}}}}$
Open Help	$\boxed{0^{\,\text{ma}}}$

Image Size & Print/Display Size

935SH Picture Size & Corresponding
Print/Display Size:

8M	A3 prints
5M	A3 prints
3M	A4 prints
Full HD	Full HD display wallpaper[*]
Wallpaper	935SH Wallpaper
VGA	VGA display wallpaper[*]
QVGA	QVGA display wallpaper[*]

[*]For image specifications, see **P.15-21** "Photo Camera."

Auto Resize Zoom
● At **8M**, Picture Size changes with zoom scale (print quality may be affected); check the size on indicator before image capture.

Sending Captured Images via Mail

1 **In captured image window,** $\textcircled{x}$

● Mail Composition window opens.
● Message size confirmation appears depending on image size or handset settings; select message size limit and press $\textcircled{\bullet}$. Images may be resized automatically.
To make selection the default setting hereafter, press $\textcircled{\scriptsize ∅}$ to check **From now on too.** check-box.

2 **Complete message** ➜ $\textcircled{x}$

Using Portrait Photography Features

Locking Focus on Faces Automatically

935SH 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; use ⊙ to select one on which to lock focus.

Capturing with 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.
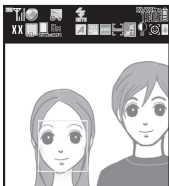● Chase Focus distinguishes the subject by color; light-colored subjects or subjects having the same color as the background may not be tracked correctly.

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

2 ⌊☊⌋

● Focus Lock is set.

3 ◉
● Captured image appears.
● Press ◉ to return to Viewfinder.

Canceling Focus Lock
⌊☊⌋

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Camera & Imaging

Advanced

👆 ●Adjusting smile detection level ●Setting Center Auto Focus ●Correcting portrait auto focus images (And more on **P.7-20** - **7-21**)

7-5

Releasing Shutter upon Smile/ Face Detection

Available Shutter Modes:

Egao focus shutter	Releases shutter when subject smiles
Furimuki shutter	Releases shutter when subject turns face to camera

Adjust smile detection level as needed.

1 **In Photo Viewfinder,** 5 _{JKL}
 ● Press 5 _{JKL} 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.

Capturing with Tailored Settings

In Auto mode, 935SH camera detects subject type/environment (Portrait, Landscape, Night, Portrait+Night, Food, Scan Text, Scan Barcode or Scan Card) and applies suitable settings automatically. Select a specific mode for a particular subject/environment.
Examples of Specific Modes:

Baby	Brightens skin tone
Food	Yields vivid colors
Sea	Enhances the blue
Fireworks	Intensifies the black
Pet	Increases shutter speed

1 **In Photo Viewfinder,** ✉ ➜ *Scene* ➜ ●

Scene Menu

2 **Select mode** ➜ ●
 ● For *Auto*, select *Find Only Scene* (to disable Scan Card and Scan Barcode) or *Find Card/Barcode* and press ●.

3 **Frame subject in center of Display** ➜ ●
 ● Captured image appears.
 ● Press ● to return to Viewfinder.

Toggling Scene Menu Pages
  [Scene Menu] ✆
Saving Custom Settings
 ● To save the current camera settings, follow these steps:
   [Scene Menu] *User Settings* ➜ ✉ ➜ *Yes* ➜ ●
  ■ To load saved settings, open Scene menu then select *User Settings* and press ●.

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Camera & Imaging

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Recording Video

1 <kbd>🎥</kbd> ➡ <kbd>Y</kbd>
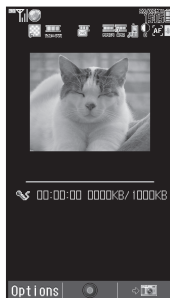
Video Viewfinder

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

2 **Frame subject on Display** ➡ <kbd>●</kbd>
● Recording starts after a tone. (To start over, press <kbd>🔙</kbd>.)

3 <kbd>●</kbd>

Save Menu

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

Pausing Recording
After ②, <kbd>Y</kbd> **(press to pause/resume)**
■ May be unavailable depending on recording size.

Playing Unsaved Video
In ④, *Preview* ➡ <kbd>●</kbd>

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.)

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>2</kbd>
Change Quality	<kbd>✱</kbd>
Toggle Mobile Light Mode	<kbd>#</kbd>
Open Help	<kbd>0</kbd>

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Camera & Imaging

7-7

Video Viewfinder Indicators

1	Mobile Light	**7**	Shake Reducing
2	Video Quality	**8**	Focus
3	Record Size	**9**	Exposure
4	Memory for still image capture	**10**	Save to
5	Record Time	**11**	Audio Encode
6	Self-timer	**12**	Video Encode

Sending Recorded Video via Mail

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

1. In Save menu, *Send* ➜ ●

2. *Save and Send* ➜ ●

- Mail Composition window opens.
- Message creation confirmation appears depending on file size; choose *Yes* and press ● to proceed. (Choose *No* to cancel attachment.) To make selection the default setting hereafter, press ☺ to check *From now on too.* check-box.

3. Complete message ➜ ⓨ

Opening Saved Files

Opening Last Saved File

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

1 **⊡▣ (Long)**

Review Window

● To end Review, press ⌂.

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

Accessing Older Files

1 **In Review window, ⓨ**

| Pictures | DCIM | Videos |
XXXXXX_XXXXXX.jpg

My Pict.

MailArt

Charact.

Date:XX/XX/XX 15:05
Size:XXXKB
Options | View | SwitchTab
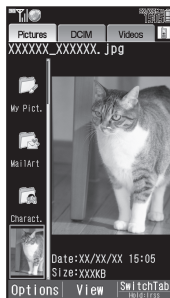
Review File List

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

2 **Select file ➡ ●**
● File opens/plays.

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.

1 **In Review file list, select image ➡ ✉**

2 *Send/Blog* ➡ ●

Send/Blog
As Message
Blog Tool
Via Bluetooth
Via Infrared
Send via IrSS
Send via IrSS(Resiz...
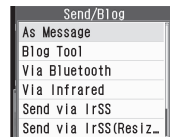
3 **Select option ➡ ●**
● Follow onscreen instructions.

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Camera & Imaging

7-9

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 subject on Display ➔ ⦿**
● After selected time elapses, captured image appears or recording starts.
● To stop recording, press ⦿.
● For more, see operation descriptions on **P.7-3** or **P.7-7**.

**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 ➔ ⦿**

Mode Menu

2 **Continuous Shoot ➔ ⦿**

3 **Select mode ➔ ⦿ ➔ Select
speed ➔ ⦿**

4 **Frame subject 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.
■ Long Press ⦿ to save all captured images.
■ Follow these steps to save selected image:
ⓔ **Select image ➔ ⦿**

Adding Frames (Photo Camera)

1. In Photo Viewfinder, ⊚ ➡ *Modes* ➡ ●

2. *Add Frame* ➡ ●

3. *Preset Frames* ➡ ●

Preset Frames

4. Select frame ➡ ●

5. Frame subject on Display ➡ ●
   ● Captured image is saved.
   ● Press ● to return to Viewfinder.

Using Frames in Data Folder
In ❸, *Data Folder* ➡ ● ➡ Select frame ➡ ● ➡ ● ➡ Frame subject on Display ➡ ●

Camera Effects (Photo Camera)

1. In Photo Viewfinder, ⊚ ➡ *Modes* ➡ ●

2. *Camera Effects* ➡ ●

Camera Effects
Off

3. Select effect ➡ ●

4. Frame subject on Display ➡ ●
   ● Captured image is saved.
   ● Press ● to return to Viewfinder.

Long Exposure

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

1. In mode menu, *Long Exposure* ➡ ●

2. Select time ➡ ●

3. Frame subject on Display ➡ ●

Capturing...
Hold handset firmly.

   ● 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

7-11

Panorama Picture (Photo Camera)

1. In Photo Viewfinder, ☺ ➡ *Modes* ➡ ●

2. *Panorama/Scanner* ➡ ●

   Panorama/Scanner Menu

3. *Panorama Picture* ➡ ● ➡ *On* ➡ ●

4. Frame subject on Display ➡ ●
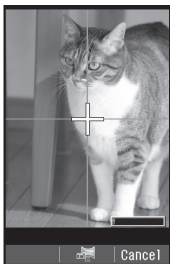
 ● Move handset slowly to keep ✛ aligned with either of yellow lines.
 ● Image is captured automatically when the bar (▭▬) turns blue.

5. ●
 ● 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 Photo Viewfinder, ☺ ➡ *Modes* ➡ ●

2. *Panorama/Scanner* ➡ ●

3. *Scanner* ➡ ●

4. Select size ➡ ● ➡ Frame subject on Display ➡ ●
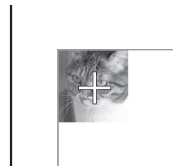
 ● Move handset slowly to scan the area to capture. (Refer to indicators on Display.)

5. ●
 ● Captured 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.7-21**)

7-12

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. $\odot$ ➜ *Data Folder* ➜ $\odot$

2. *Pictures* ➜ $\odot$ ➜ Select image ➜ $\odot$

3. $\textcircled{\scriptsize\raisebox{0.3ex}{✉}}$ ➜ *Edit* ➜ $\odot$

4. *Picture Editor* ➜ $\odot$
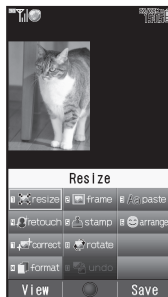
   Picture Editor Menu

5. Select effect ➜ $\odot$ ➜ Edit

   ● To start over, press $\boxed{\text{㎞}}$.

6. When finished, $\textcircled{y}$

7. *Save as New* ➜ $\odot$

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

8. Enter name ➜ $\odot$ ➜ *Save here* ➜ $\odot$

Canceling Effects
   After 6, *Undo* ➜ $\odot$
   ■ To restore effect immediately after canceling, select *Redo* and press $\odot$.

Changing Image Size

Select from preset sizes or crop image.

Resize to Preset Size

1. In Picture Editor menu, *Resize* ➔ ●
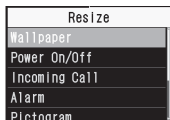
   Resize
   | Wallpaper |
   | Power On/Off |
   | Incoming Call |
   | Alarm |
   | Pictogram |
   Resize Window

2. Select size ➔ ●

3. ⊙ **Specify image area**

   移動 (Move) リサイズ(Resize)
   Resize | Assign

   ● If crop frame does not appear, omit ③.

4. ●
   ● Editing is complete.

Zooming In/Out
After ③, ✉ ➔ ⓢ ➔ ④

Cropping Images

1. In Resize window, *Cut* ➔ ●

2. ⊙ **Move + to the upper left corner of the portion to crop** ➔ ✉
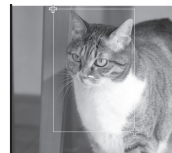
3. ⊙ **Move + to the lower right corner of the portion to crop** ➔ ●

4. ●
   ● Editing is complete.

Specifying Image Area
After ③, ⊙ ➔ ④
Zooming In/Out
After ③, ✉ ➔ ⓢ ➔ ④

7 Camera & Imaging

Advanced

7-14

Applying Visual Effects

Render in sepia tones or add blur, etc.

1️⃣ **In Picture Editor menu,** *Retouch* ➡ ●

Retouch
Sepia
Sparkling
Ripples
Tile
Emboss
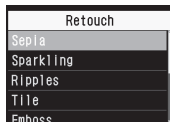
2️⃣ **Select effect** ➡ ●

3️⃣ ●
● Editing is complete.

Adding Frames

1️⃣ **In Picture Editor menu,** *Frame* ➡ ●

Frame
Frame 1
Frame 2
Frame 3
Frame 4
Frame 5
View ○
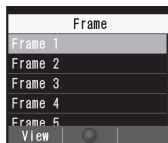
2️⃣ **Select frame** ➡ ●

3️⃣ ●
● Editing is complete.

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 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
```

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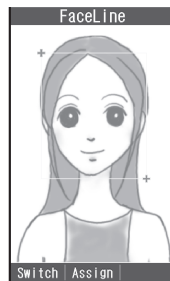
4 **●**
 ● Face line is set. Set the eyes and then mouth in the same way.
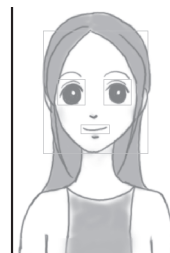
5 **● ➡ *Yes* ➡ ● ➡ *Save here* ➡ ●**
 ● Image is saved as a new entry with Face Arrange positions adjusted. Complete Face Arrange. Face Arrange is applied to the adjusted positions.

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_XXXXXX.jpg
2 <Empty>
EFFECT Standard
Flip

● File selected in 2 is set as left image.

6 *<Empty>* ➜ ● ➜ Select image ➜ ●

7 *EFFECT* ➜ ● ➜ Select effect ➜ ●

● Editing is complete.

8 When finished, ○

● Merged image appears.

9 ●

10 Enter name ➜ ● ➜ *Save here* ➜ ●

Changing Images
After 2, select image ➜ ● ➜ ◎ ➜ Select image ➜ ●

Switching Image Positions
After 6, ◎

Advanced

🔧 ●Combining reduced images (**P.7-23**)

7 Camera & Imaging

7-17

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 Pictures
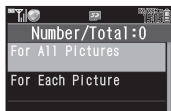
4. *For Each Picture* ➡ ● ➡ Select folder ➡ ●

5. Select image ➡ ◎

Images
Set copies of selected images.

(00-99)

99
00   Copy
01
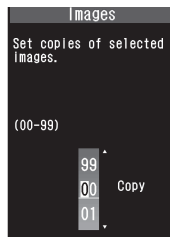
6. Enter a number of copies to print ➡ ●
   ● For more settings, repeat 5 - 6.

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.7-23**)

Photo Camera & Video Camera

■ General

Accessing files from Viewfinder	In Photo/Video Viewfinder, ☺ ➡ *Data Folder* ➡ ● ➡ Select file ➡ ●
Opening Help	In Photo/Video Viewfinder, ☺ ➡ *Help* ➡ ● ● Press ♈ to toggle Help window for indicator descriptions and key assignments.
Changing function assigned to Camera Key (⌨)	● ➡ *Camera* ➡ ● ➡ *Set Camera Key* ➡ ● ➡ Select function ➡ ●

■ Capturing

Adjusting brightness	In Photo/Video Viewfinder, ☺ ➡ *Settings* ➡ ● ➡ *Exposure* ➡ ● ➡ Adjust level
Adjusting focus quickly for close-up shots	In Photo/Video Viewfinder, ☺ ➡ *Focus Setting* ➡ ● ➡ *Macro* ➡ ●
Adjusting focus manually	In Photo/Video Viewfinder, ☺ ➡ *Focus Setting* ➡ ● ➡ *Manual Focus* ➡ ● ➡ ♎ 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, ☺ ➡ *Settings* ➡ ● ➡ *Picture Quality* or *Video Quality* ➡ ● ➡ Select quality ➡ ●

■ Saving

Selecting automatic save option	<u>Start Here</u> In Photo/Video Viewfinder, ☺ ➡ *Save Setting* ➡ ● ➡ *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, ☺ ➡ *Save Setting* ➡ ● ➡ *Save Pictures to* or *Save Videos to* ➡ ● ➡ Select option ➡ ●

Photo Camera

■ General

Changing shutter click sound	In Photo Viewfinder, ⊜ ➜ *Shutter Setting* ➜ ● ➜ *Shutter Sound* ➜ ● ➜ Select pattern ➜ ● ● Shutter click sounds for Continuous Shoot, Panorama Picture and Scanner are fixed.
Switching indicator view	In Photo Viewfinder, ⊜ ➜ *Settings* ➜ ● ➜ *Display Setting* ➜ ● ➜ Select option ➜ ●
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, ⊜ ➜ *Save Setting* ➜ ● ➜ *Background Save* ➜ ● ➜ *Off* ➜ ●

■ Capturing

Changing Mobile Light mode	In Photo Viewfinder, ⊜ ➜ *Mobile Light* ➜ ● ➜ Select mode ➜ ● ● Do not use Mobile Light near people's faces or look into the light yourself.
Adjusting camera's light sensitivity	In Photo Viewfinder, ⊜ ➜ *Settings* ➜ ● ➜ *ISO Sensitivity* ➜ ● ➜ Select level ➜ ● ● ISO Sensitivity is *Auto(~800)* by default. However, 800 or higher sensitivity may be applied depending on environment.
Changing image size	In Photo Viewfinder, ⊜ ➜ *Picture Size* ➜ ● ➜ Select size ➜ ●

Adjusting smile detection level	In Photo Viewfinder, ⊜ ➜ *Shutter Setting* ➜ ● ➜ *Egao level* ➜ ● ➜ Select level ➜ ● ● Lower the level when detection is slow.
Adjusting color balance according to lighting conditions	In Photo Viewfinder, ⊜ ➜ *Settings* ➜ ● ➜ *White Balance* ➜ ● ➜ Select mode ➜ ●
Disabling shake reduction	In Photo Viewfinder, ⊜ ➜ *Settings* ➜ ● ➜ *Shake Reducing* ➜ ● ➜ *Off* ➜ ●

■ Focus

Setting Center Auto Focus	In Photo Viewfinder, ⊜ ➜ *Focus Setting* ➜ ● ➜ *Center Auto Focus* ➜ ●
Specifying focus point manually	In Photo Viewfinder, ⊜ ➜ *Focus Setting* ➜ ● ➜ *Spot Auto Focus* ➜ ● ● A frame appears on Display; use ✧ to move frame over target focus point.
Canceling Continuous AF	In Photo Viewfinder, ⊜ ➜ *Focus Setting* ➜ ● ➜ *Continuous AF* ➜ ● ➜ *Off* ➜ ●
Canceling Chase Focus	In Photo Viewfinder, ⊜ ➜ *Focus Setting* ➜ ● ➜ *Chase Focus* ➜ ● ➜ *Off* ➜ ●
Changing Focus Mark	In Photo Viewfinder, ⊜ ➜ *Focus Setting* ➜ ● ➜ *Focus Mark* ➜ ● ➜ Select pattern ➜ ●

■ Correction & Preview

Correcting portrait auto focus images	<u>Start Here</u> **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,** ● **(Long)** ● Follow onscreen instructions. ● Available when Auto Save is *Off*.

■ Panorama Picture

Changing Panorama settings	<u>Start Here</u> **In Photo Viewfinder,** ☺ ➡ *Modes* ➡ ● ➡ *Panorama/Scanner* ➡ ● ➡ **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,** ☺ ➡ *Shutter Setting* ➡ ● ➡ *Set Remote Shutter* ➡ ● ➡ *Off* ➡ ● ● Available when a Bluetooth® watch is registered.

Video Camera

Activating Mobile Light	In Video Viewfinder, ⊠ ➡ *Mobile Light* ➡ ● ➡ *On* or *Automatic* ➡ ● ● 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 ➡ ●
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 ➡ ●
Disabling shake reduction	In Video Viewfinder, ⊠ ➡ *Shake Reducing* ➡ ● ➡ *Off* ➡ ●

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 [CLEAR]. **Changing File Size** *File Format* ➡ ● ➡ *File Size* ➡ ● ➡ Select size ➡ ● ● Changing file size may affect image quality. ● To return to Picture Editor menu, press [CLEAR].

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■ **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* ➡ (●)

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* ➡ (●)

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Camera & Imaging

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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**

- 935SH 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 (鷗, etc. 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.