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6

Camera & Imaging



Getting Started

Capture still images or record video.

Various Image Sizes

Select small sizes to send captured images/recorded video via S! Mail*; select larger sizes for higher resolutions.

Multiple Shooting Modes

Apply effect or add frame, use Self-timer or capture multiple images in rapid succession.

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

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

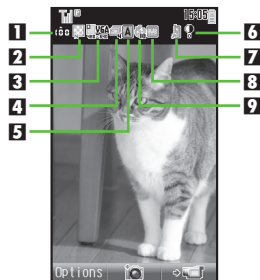
- Shutter click and Self-timer tone sound at fixed volume regardless of handset settings.



Display Indicators

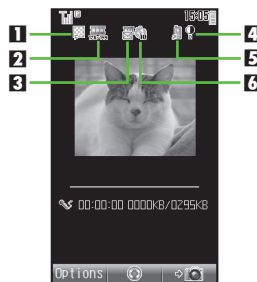
The following indicators appear at the top of Display.

Photo Viewfinder



1 Memory	6 Exposure
2 Picture Quality	7 Save to
3 Picture Size	8 White Balance
4 Continuous Shoot	9 Self-timer
5 Scene	

Video Viewfinder



1 Video Quality	4 Exposure
2 Record Size	5 Save to
3 Record Time	6 Self-timer

Advanced

☞ Opening Help ● Reducing Display flicker (P.6-12)



Capturing Still Images

1 

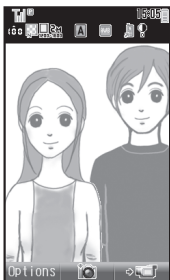
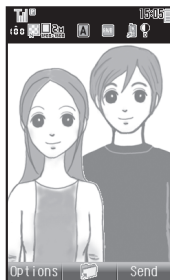



Photo Viewfinder

2 Frame subject on Display → 



Captured Image Window




- Shutter clicks; captured image appears. (To discard file and start over, press .)

3 




- Image is saved. (Viewfinder returns.)
- Open saved images via Data Folder.

4  → Camera shuts down

Sending Captured Images via S! Mail






After ,  → Complete message → 

Sending Captured Images via Infrared


After ,  (Long) → Yes → 

- Set recipient device to ready beforehand.

Pre-Image Capture Operations

Zoom In/Out	
Toggle Mode	
Adjust Brightness	
Change Image Size	
Open Help	

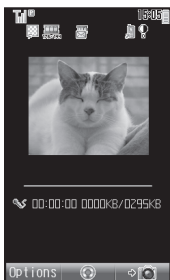
Advanced

-  ● Accessing files from Viewfinder ● Adjusting brightness ● Adjusting focus quickly for close-up shots ● Changing shutter click sound ● Changing image size ● Changing mode according to lighting or subject ● Adjusting image color to lighting conditions (And more on P.6-12)



Recording Video

1 →



Video Viewer

- Omit step of pressing if Video Camera is already active.

2 **Frame subject on Display** →

- Recording starts after a tone. (To start over, press .)

3

- Recording stops with a tone. (To discard file and start over, press .)

4 **Save** →

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

5 → **Camera shuts down**

■ Pre-Recording Operations

Zoom In/Out	
Toggle Mode	
Adjust Brightness	
Change Record Size	
Open Help	

Playing Unsaved Video

In 4, **Preview** →

Sending Recorded Video via S! Mail

In 4, **Send** → → **Save and Send**

→ → **Complete message** →

- 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.

If Battery Runs Low

- Recording stops. (Recorded clip is saved.)

Pause

- Press to pause recording. (May be unavailable depending on recording size, etc.)

6

Camera & Imaging

Advanced

- Accessing files from Viewer
- Adjusting focus quickly for close-up shots (And more on P.6-12)
- Changing recording time/size
- Enlarging Viewer size
- Recording video without sound (P.6-13)



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.6-4 or P.6-5.

Releasing Shutter during Countdown After ,

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.
- When shooting speed is set to **Manual** (4 Pictures and 9 Pictures modes), repeat 4 for each frame.

5

6 **All Pictures** ➔

- All captured images are saved.

Saving the Selected Image

After , (select image) ➔ ➔

Selected Picture ➔



Adding Frames (Photo Camera)

- 1 In mode menu, **Add Frame** ➔
- 2 **Preset Frames** ➔
- 3 **Select frame** ➔
- 4 **Frame subject on Display** ➔
 - Captured image appears.
 - Press to save image. (Viewfinder returns.)

Using Frames in Data Folder

In , **Data Folder** ➔ ➔ **Select frame** ➔ ➔ ➔ **Frame subject on Display** ➔

Camera Effects (Photo Camera)

- 1 In mode menu, **Camera Effects** ➔
- 2 **Select effect** ➔
- 3 **Frame subject on Display** ➔
 - Captured image appears.
 - Press to save image. (Viewfinder returns.)



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







Basics Operations

- 1  ➔ **Pictures** ➔  ➔  ➔ **Select image** ➔ 
- 2  ➔ **Edit** ➔ 
- 3 **Picture Editor** ➔ 



Picture Editor Menu

- 4 **Select effect** ➔  ➔  ➔ **Edit**
 - To start over, press .
- 5 **When finished,** 

- 6 **Save as New** ➔ 
 - To overwrite, select **Overwrite** and press . (Omit .)
- 7 **Enter name** ➔  ➔  ➔ **Save here** ➔ 

Canceling Effects

- After** , **Undo** ➔ 
- To restore effect immediately after canceling, select **Redo** and press .

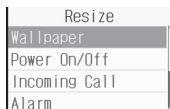


Changing Image Size



Select from preset sizes or crop image.

Resize to Preset Size

- 1 In Picture Editor menu, **Resize** ➔ 




Resize Window

- 2 Select size ➔ 
- 3  Specify image area






- If crop frame does not appear, omit 3.

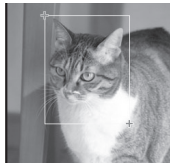
- 4 
 - Editing is complete.



Zooming In/Out


After ,  ➔  ➔  ➔ 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 ,  ➔ 4

Zooming In/Out


After ,  ➔  ➔  ➔ 4

Applying Visual Effects

Render in sepia tones or add blur, etc.

- 1 In Picture Editor menu, **Retouch** ➔ 


- 2 Select effect ➔ 

- 3 
 - Editing is complete.

Adding Frames

- 1 In Picture Editor menu, **Frame** ➔ 

- 2 Select frame ➔ 

- 3 
 - Editing is complete.

Advanced

-  Using additional editing options (P.6-13 - 6-14)



Face Arrange

Make faces smiley, sad, etc.

- 1 In Picture Editor menu, **Face Arrange** ➔



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.

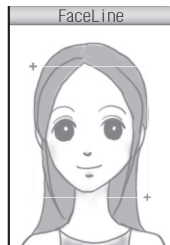
- 1 In Face Arrange menu, ➔

- A rectangle appears with + in the upper left corner.

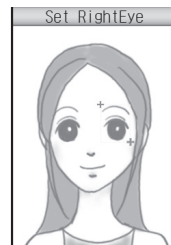
- 2 Move + to top left of face



- 3 Move + to bottom right of face



- 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  → **Pictures** →  → **Select image** → 
- 2  → **Edit** → 
- 3 **Composite** → 

4 **Merge Panorama** →



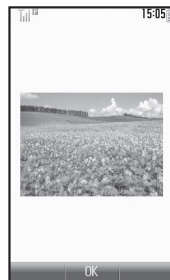
- File selected in 1 is set as left image.

5 **<Empty>** → → **Select image** →

6 **EFFECT** → → **Select effect** →

- Editing is complete.

7 **When finished,**




- Merged image appears.

8

9 **Enter name** → → **Save here** →

Changing Images

After 8, select image →  →  → 

Select image → 

Switching Image Positions

After 9,  

Advanced

-   Combining reduced images (P.6-14)



Photo Camera & Video Camera

General

Accessing files from Viewfinder	In Photo/Video Viewfinder, → <i>Data Folder</i> → →
Opening Help	In Photo/Video Viewfinder, → <i>Help</i> → <ul style="list-style-type: none"> Press to toggle Help window for key assignments and indicator descriptions.
Reducing Display flicker	In Photo/Video Viewfinder, → <i>Settings</i> → → <i>Anti-flicker</i> → → <i>Mode 1: 50Hz</i> →

Capturing

Adjusting brightness	In Photo/Video Viewfinder, → <i>Shooting Settings</i> or <i>Record Settings</i> → → <i>Exposure</i> → →
Adjusting focus quickly for close-up shots	Slide Portrait/Macro Selector to Macro ()
Changing image quality	In Photo/Video Viewfinder, → <i>Picture Quality</i> or <i>Video</i> → →

Saving

Activating automatic saving	In Photo/Video Viewfinder, → <i>Settings</i> → → <i>Auto Save</i> → → <i>On</i> →
Changing save location	In Photo/Video Viewfinder, → <i>Settings</i> → → <i>Save Pictures to</i> or <i>Save Videos to</i> → →

Photo Camera

General

Changing shutter click sound	In Photo Viewfinder, → <i>Settings</i> → → <i>ShutterSound</i> → → <i>Select pattern</i> → <ul style="list-style-type: none"> Shutter click sound for Continuous Shoot is fixed.
Hiding indicators	In Photo Viewfinder, → <i>Settings</i> → → <i>Display Setting</i> → → <i>Icon Off</i> →
Selecting send option assigned to	In Photo Viewfinder, → <i>Settings</i> → → <i>Set Send Key</i> → → <i>Short press</i> or <i>Long press</i> → → <ul style="list-style-type: none"> Change send option separately for each key press method.

Capturing

Changing image size	In Photo Viewfinder, → <i>Picture Size</i> → →
Changing mode according to lighting or subject	In Photo Viewfinder, → <i>Scene</i> → → Select mode →
Adjusting image color to lighting conditions	In Photo Viewfinder, → <i>Shooting Settings</i> → → <i>White Balance</i> → → Select mode →



Video Camera

Recording

Changing recording time/size	In Video Viewfinder, → <i>Record Time/Size</i> → → <i>For Message or Extended</i> → → <i>Select size</i> →
Enlarging Viewfinder size	In Video Viewfinder, → <i>Display Size</i> → → <i>Enlarge</i> →
Recording video without sound	In Video Viewfinder, → <i>Microphone</i> → → <i>Off</i> →

Editing Images

Picture Editor

Using additional editing options	→ <i>Pictures</i> → → <i>Select file</i> → → → <i>Edit</i> → → <i>Picture Editor</i> →
	See below
	Changing Text/Outline Color <i>Paste</i> → → → <i>Select text color</i> → → → <i>Select outline color</i> → →
	Adding Text <i>Paste</i> → → <i>Free Text</i> → → <i>Enter text</i> → → → <i>Move text</i> →
	Adding Dates <i>Paste</i> → → <i>Date</i> → → → <i>Move date</i> →
	Adding Stamps <i>Stamp</i> → → <i>Select stamp</i> → → → <i>Move stamp</i> →
	Correcting Image Parameters <i>Correction</i> → → <i>Select type</i> → →
	Rotating Images <i>Rotate</i> → → <i>Select type</i> → →
Converting File Format <i>File Format</i> → → <i>File Format</i> → → <i>Select format</i> →	
<ul style="list-style-type: none"> Changing file format may affect file size/image quality. To return to Picture Editor menu, press . 	




Using additional editing options

Start Here    
     

See below



Changing File Size

File Format     

- Changing file size may affect image quality.
- To return to Picture Editor menu, press .




Composite

Combining reduced images

Start Here    
    

Creating Split Picture

SplitPicture 240x400 or SplitPicture 240x320 
    

When finished,     

- Repeat from selecting <Empty> as needed.

Previewing Split Picture

While creating Split Picture,  
 Composite 

Changing Images

While creating Split Picture, select image 
   

Deleting Images

While creating Split Picture, select image 
   



Mobile Camera



Mobile camera won't activate/ shuts down automatically

- Battery may be low. Charge battery or install a charged battery.





Cannot use Auto Save

- Auto Save is not available when SavePictures to is set to **Ask Each Time**.



Viewfinder image is out-of-focus

- Portrait/Macro Selector may be set to . Slide it to  for most shooting situations.

Editing Images



Cannot save/send edited images

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

