

Before Using Camera	6-2
Notes.....	6-2
File Formats & Save Location	6-2
Camera Modes & Positions	6-3
Camera Mode & Image Size.....	6-3
Camera Display Indicators	6-4
Pictures	6-7
Capturing Still Images In Viewer Position	6-7
Capturing Still Images in Normal Position.....	6-8
Videos	6-8
Other Camera Functions	6-9
Auto Focus Lock	6-9
AF Tracking	6-9
Zoom	6-10
Photo Light	6-11
Auto Timer	6-12
Continuous Shooting.....	6-12
Auto Shutter (Digicam Mode Only)	6-13
Setting Photo Mode According to Scene.....	6-14
Focus Settings	6-15
Viewing Saved Images	6-16

Before Using Camera

942P features approximately 13.2 Mega Pixel CMOS Auto-focus Camera capable of capturing still images and videos.

- Use Picture Album (📖 P.10-24) for viewing still images or slideshow.

Notes

- Remove dust/debris from lens cover with a soft cloth.
- Handset movement may blur images especially in dark places; hold handset firmly.
- Capturing/saving images immediately after handset has been left in a hot place may affect image quality.
- Exposing lens to direct sunlight may affect image quality.
- Photo Light illuminates or flashes while Camera is active. Photo light cannot be turned off.

Shutter Click

Shutter click sounds at fixed volume even in Manner Mode.

- To change shutter click sound: 📖 P.18-16, P.18-17

Note

- Camera is not available when battery is low.
- Incoming calls, Alarm and low battery cancel Camera. Captured images/recorded videos are retained. Save data when Camera restarts.
- When left in Viewfinder for three minutes, Camera is canceled.
- Press  (📷/📹) firmly to activate Camera/capture images.

File Formats & Save Location

Still images/videos are saved to Data Folder.

Image Type	File Format	Save Location
Still images	JPEG (.jpg)	Data Folder (Pictures)
Videos	MPEG-4 (.3gp), ASF (.asf)	Data Folder (Videos)

- To save files to microSD Card, change save location (📖 P.18-16, P.18-17).
- To view memory status: 📖 P.18-16, P.18-17

Note

- When recording time (File size setting: 📖 P.18-17) is set to **Long time**, videos are saved to microSD Card.

Camera Modes & Positions

Camera Mode		Normal Position	Viewer Position
Still Images	Digicam mode	Available	Available
	Photo mode	Available	N/A
Videos	Video Camera mode	Available	N/A

Note

- Set Camera to activate upon switching to Viewer Position (Work with Style:  P.18-7)

Camera Mode & Image Size

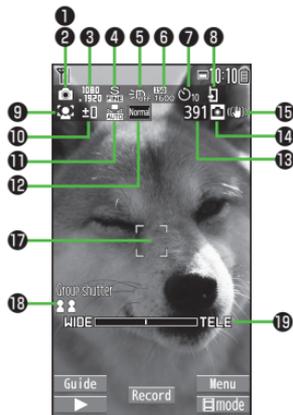
Camera Mode	Icon	Image Size	
Digicam mode	 	13M	
	 	9.7M Wide	
	 	Square(large)	
	 	8M	
	 	5M	
	 	3M	
	 	2M Wide	
	 	2M	
	 	Stand-by	
	 	VGA	
Photo mode	 	Square(small)	
	 	3M	
	 	2M Wide	
	 	2M	
	 	Stand-by	
	Continuous shooting	 	VGA
		 	QVGA
		 	QCIF
		 	Sub-QCIF
		 	VGA
Video Camera mode	 	HVGA Wide	
	 	QVGA	
	 	QCIF	
	 	Sub-QCIF	

Camera Display Indicators

- Images shown below are for reference only.

Digicam Mode

<Normal Position>



<Viewer Position>

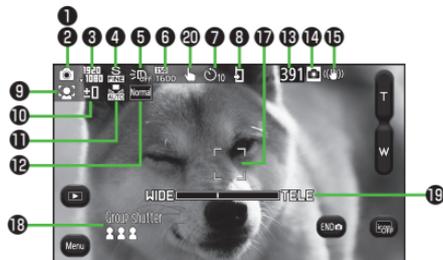
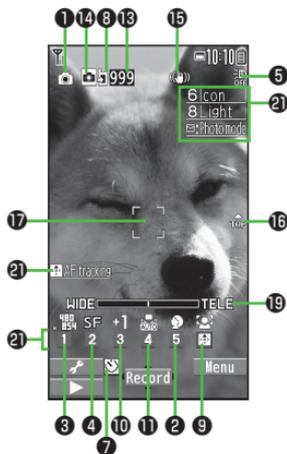
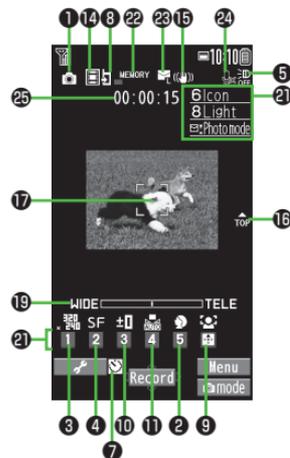


Photo Mode



Video Camera Mode



Key Guidance

- Press [Guide] in Digicam mode to view Key operation guidance (Normal Position).
- For Photo mode/Video Camera mode, follow the steps below to change settings:
 - Press keys indicated by (→) to select an item
 - [] → to select a setting → to select an item

- Most icons and operation descriptions are based on Digicam mode. Actual screenshots and operations may differ from actual icons/operations.

Item	Description
1 Photo mode (☞ P.6-14)	iA (Intelligent Auto) Normal Scene MyOriginal (For Scene/MyOriginal, indicators may vary depending on setting.)
2 Scene	Portrait Sports Food Scenery Night mode Backlight Character Snow Sunset Pet
3 Image size	Show image size (☞ P.6-3)
4 Image QLTY	Normal Fine Super fine
5 Photo light	ON OFF
6 ISO setting (☞ P.18-16)	ISO 200 - ISO 12800 200 auto to 12800 auto
7 Auto timer	Digicam mode: 10 seconds 2 seconds Photo mode/Video Camera mode:
8 Store in	Phone microSD
9 Focus (☞ P.6-15)	FaceDetect AF Auto Close-up Landscape AF tracking
10 Brightness	Adjust brightness (Level -3 to +3)
11 White BAL	Auto Fine Cloudy Bulb Light
12 Color mode	Normal Sepia Monochrome Vivid Natural Whitening Suntan
13 No. of frames	Show number of remaining frames
14 Camera-mode	Digicam mode/Photo mode Video camera mode Con.set. (Action mode in Digicam mode) Action mode in Photo mode (Auto/Auto bracket/Manual)
15 Img. stabilizer	Correct camera shake
16 Top indicator	Indicate vertical direction
17 Focus Guide	Auto focus guide AF tracking guide
18 AutoShutter (☞ P.6-13)	Love shutter (Friends/Lovers/Lovers+Smile) Group shutter (One to Five) Smile shutter

	Item	Description
19	Zoom bar	Indicate zoom level ( P.6-10)
20	TouchAF/AE ( P.6-9)	 Valid  Invalid
21	Key Guidance	Show key operation guidance
22	Memory capacity bar	Indicate memory status (appears in red when memory is full)
23	File size setting	 Mail restrict'n(S)  Mail restrict'n(L)  Long time
24	Movie type set	Record video without audio
25	Recordable time	Indicate recordable time

Pictures

Capture still images in Digicam mode or Photo mode.

Intelligent Auto

Camera automatically selects the appropriate settings by environment. Indicator is animated when mode changes (Example:  Face Detection).

- Face Detection:  P.6-15
- Photo mode ( P.6-14) returns to Intelligent Auto next time Camera activates in Digicam mode or Photo mode.

Capturing Still Images In Viewer Position

Use Digicam mode to capture images in Landscape View.

1  tab → **Camera** → **Digicam**
Viewfinder appears.

2 Frame subject →  (/)
Shutter click sounds at fixed volume, then captured image appears for two seconds.
Image is automatically saved.
● To view the captured image immediately, tap . Tap  to return to Viewfinder again.

Functions Available in Viewfinder



Picture Viewfinder (Digicam Mode)

	Item	Description
1	Activate Picture Album	Activate Picture Album to view captured images <ul style="list-style-type: none">● Use as a slideshow ( P.10-27)● Tap  to return to Viewfinder
2	Menu	View function menu
3	Zoom	Adjust zoom level
4	Cancel Camera	Cancel Camera
5	Show Indicator	Show/hide indicators

Auto review

View captured still images in Postview window when capturing in Digicam mode.

- To change Auto review setting:  P.18-16
- When Auto review is set to **Hold**, Postreview window remains. To return to Viewfinder, tap .
- Images are saved automatically, regardless of settings.

Capturing Still Images in Normal Position

Use Digicam mode/Photo mode to capture images in Portrait View.

Operation descriptions are based on Photo mode.

- 1  or 
Viewfinder (Digicam mode) appears.
- 2  [Menu] → **Camera-mode**
→ **Photo mode**
Viewfinder (Photo mode) appears.
- 3 Frame subject →  [Record],
 or 
Shutter click sounds at fixed volume.
Image is automatically saved.
● To view images immediately after capturing:   →  
to return to Viewfinder
- 4  to exit
Return to Standby.



Picture Viewfinder
(Photo Mode)

Note

- To select save location each time, turn Auto save set to **OFF** (P.18-16).

Videos

Shoot videos in Portrait View.

- 1 Press and hold 
Viewfinder appears.
- 2 Frame subject →  [Record],
 or  to start recording
Tone sounds and ●REC appears.
- 3  [Stop],  or  to end recording
Tone sounds.
Video is automatically saved.
● Recording stops automatically at maximum recording time.
- 4  to exit
Return to Standby.



Video Viewfinder

Note

- To toggle Digicam mode/Video Camera mode:  →  [mode / mode]
- To preview each video before saving, turn Auto save ( P.18-17) to **OFF**.

Other Camera Functions

- Most operation descriptions are based on Digicam mode in Normal Position. Actual screenshots and operations may differ from actual operations in Viewer Position, Photo/Action/Video Camera mode.

Auto Focus Lock

Bring focus on subject at center of display automatically. Lock focus on subject, and recompose your picture.

- 1 In Viewfinder, ,  or  halfway
When in focus, handset sounds. Focus Guide turns green, and focus is locked.
 - When out of focus, Focus Guide turns red.
 - To cancel focus locked by  or : 
 - To cancel focus locked by : Release finger from 
- 2 Determine composition
- 3 Capture image in selected camera mode
 - In Step 1, press  halfway to lock focus, then press  firmly to shoot.

AF Tracking

Position AF tracking guide on subject. AF tracking guide appears and tracks moving subject while adjusting focus and exposure for subject.

Note

- When Camera is unable to track subject (e.g. when subject is out of Viewfinder), AF tracking is canceled.
- Depending on situation, AF tracking may track unintended subject.
- AF tracking is not available when Auto shutter is in use or certain image size is set.

TouchAF/AE (in Viewer Position)

- Available only when Touch AF/AE is set to **Valid** ( P.18-16).

1 Tap subject in Viewfinder

When subject is recognized, AF tracking guide turns yellow and begins tracking subject.

- To cancel: 



2 to capture the image

AF Tracking (in Normal Position)

- In Digicam/Photo mode, 
AF tracking guide appears.
- Position AF tracking guide on subject and press 
When subject is recognized, AF tracking guide turns yellow and begins tracking subject.
 - To cancel:  or 
-  [Record],  or  (O- / )
to capture the image
 - Alternatively, press  (O- / ) halfway to lock focus, then press  (O- / ) to capture an image.



Zoom

- In Viewfinder,  (zoom in) or  (zoom out)
 - For continuous zoom: Press and hold 

Note

- Zoom may change image quality.

Image Size & Zoom Ratio

Camera Mode	Image Size	Zoom Level	Zoom Ratio
Digicam mode	13M	1-21	2.0x
	9.7M Wide	1-21	2.0x
	Square(large)	1-21	2.0x
	8M	1-21	3.0x
	5M	1-21	3.0x
	3M	1-21	6.0x
	2M Wide	1-21	6.0x
	2M	1-21	6.0x
	Stand-by	1-21	6.0x
	VGA	1-21	6.0x
	Square(small)	1-21	6.0x
Continuous shooting	3M	1-21	3.0x
	2M Wide	1-21	3.0x
	2M	1-21	3.0x
	Stand-by	1-21	3.0x

Camera Mode	Image Size	Zoom Level	Zoom Ratio	
Photo mode	3M	1-21	3.0x	
	2M Wide	1-21	3.0x	
	2M	1-21	3.0x	
	Stand-by	1-21	3.0x	
	VGA	1-21	3.0x	
	QVGA	1-21	6.0x	
	QCIF	1-21	10.8x	
	Sub-QCIF	1-21	16.3x	
	Continuous shooting	VGA	1-21	3.3x
		QVGA	1-21	6.5x
QCIF		1-21	10.8x	
Sub-QCIF		1-21	16.3x	
Video Camera mode	VGA	1-21	1.5x	
	HVGA Wide	1-21	1.6x	
	QVGA	1-21	2.2x	
	QCIF	1-21	3.7x	
	Sub-QCIF	1-21	4.7x	

Photo Light

<Default> OFF

Select a Photo Light setting.

- 1 In Viewfinder,  [Menu] → *Photo light* → *ON* or *OFF*

Note

- Photo light is not available when battery is low.
- When image is captured at close range or your hand is too close to Photo light, image color and brightness may differ in appearance from actual subject.

Auto Timer

- In Viewfinder,  [Menu] → *Auto timer* → **10 seconds** or **2 seconds**
 - In Photo/Video Camera/Action modes:  [Menu] → *Auto timer* → **ON** → Enter time (seconds)
-  [Record],  or 

Auto timer tone sounds. After set period of time, shutter is released and recording starts.

 - While Auto timer is active, press  [Quit] or  to return to Viewfinder without canceling Auto timer.

Note

- Auto timer is not available when Action mode is set to *Manual*.
- Auto Timer is set to **OFF** after capturing.

Continuous Shooting

In Digicam Mode

Capture a succession of six or eight still images. Number of captured images varies by image size.

- In Viewfinder,  [Menu] → *Con. set.* → **Continuous**
 - Frame subject →  [Record],  or 

Continuous shooting starts.
Postview window appears.
 - Save One**
Highlight a image →  [Save]
 - To view full-size image: Highlight an image →  [Scale up] (→  to toggle full-size images) → To save the image,  [Save]
- Save All**
 [STO all]
 - To return to Viewfinder without saving images: 

Note

- In Viewer Position, tap full-size image to return to Postview window.

In Photo Mode

Capture a succession of up to 20 still images automatically with a single press.

- 1 In Viewfinder,  [Menu] → **CHG camera-mode** → **Action mode**
- 2 Frame subject →  [Record],  or  (Cam/Flash)
Images are automatically saved.

Change Continuous Shooting Settings

> After Step 1 above,  [Menu] → **Cont. shooting set.** → Select an item (See below)

Item	Operation/Description
Action mode	> Select an item <ul style="list-style-type: none"> · Auto: Capture multiple still images automatically · Manual: Capture one by one manually · Auto bracket: Auto-capture nine images of varying brightness or color
Shot interval	Select an interval when Action mode is set to Auto > Select an interval
Shot number*	Set number of images when Action mode is set to Auto or Manual > Enter number

* Savable number of images is as follows:

- VGA (480x640): 4 (Unchangeable)
- QVGA (240x320): 5 to 10
- QCIF (144x176): 5 to 20
- Sub-QCIF (96x128): 5 to 20

Auto Shutter (Digicam Mode Only)

Shutter automatically releases when camera detects certain conditions. Select an Auto Shutter type to specify condition (When Photo mode is set to *Intelligent Auto* or Focus is set to *FaceDetect*).

- 1 In Viewfinder,  [Menu] → **AutoShutter** → Select an item (See below)

Item	Operation/Description
OFF	Cancel Auto shutter setting
Love shutter	Shutter releases when two faces move close together > Friends, Lovers or Lovers+Smile <ul style="list-style-type: none"> ● When Lovers is set, distance between two faces is closer than Friends.
Group shutter	Camera detects up to five faces. When more people are in frame, Auto timer activates and shutter releases in three seconds > Select number of people
Smile shutter	Shutter releases when Camera detects a smiling face. If multiple faces are detected, shutter releases when camera detects a smile in yellow focus guide

Note

- Alternatively, capture still images by pressing  [Record],  or  even when Auto shutter is set.
- Auto Timer is set to **OFF** after capturing.

Setting Photo Mode According to Scene

<Default>

Digicam mode/Photo mode: iA (Intelligent Auto)

Action mode/Video Camera mode: Normal

- 1 In Viewfinder,  [Menu] → **Photo mode** → Select an item (See below)

Item	Operation/Description
iA*	Camera recognizes shooting environment and select appropriate camera settings automatically. Indicator is animated when mode changes (Example:  Face Detection) <ul style="list-style-type: none"> ● Mode does not change after Auto Focus Lock. Cancel Auto Focus Lock.
Normal	Capture an image in normal mode
Scene	Adjust brightness and color tone according to scene > Select an item
MyOriginal*	Create and save custom-settings > Select a setting (→ For Digicam mode, Shoot in this setting) <ul style="list-style-type: none"> ● To save customized settings:  Right

* Still images only

Note

- Alternatively, in Photo/Action/Video Camera modes, press and hold

  →  to select a mode

Saving as Original Setting

Save up to three customized settings to each camera mode.

Save in Digicam Mode

- >  [Menu] → **Photo mode** → **MyOriginal** → Select a setting → **Save present setting** → YES → OK

Save in Photo/Action Mode

- > Press and hold  [] → **Photo mode MyOriginal** → Follow the steps (See below)

Item	Operation/Description
Save setting	> Highlight a setting →  [Save] (→ When confirmation appears, YES) → Edit title
Open setting	> Select a setting
Edit title	> Highlight a setting →  [Edit] → Edit title
View detail	> Highlight a setting →  [Detail]
Delete setting	> Highlight a setting →  [Delete] → YES

Focus Settings

<Default>

Digicam/Photo/Video Camera mode: FaceDetect
Action mode: Auto

Select a focus setting to suit the subject/occasion
(Unavailable when Photo mode is set to *iA*).

- 1 In Viewfinder,  [Menu] → **Focus**
 - In Photo/Video Camera/Action mode:  [Menu] → **Camera settings** → **Focus**
- 2 Select an item (See below)

Item	Operation/Description
FaceDetect	Focus locks on faces
Auto	Auto focus
Close-up	Focus for close-ups
Landscape	Focus on distant landscapes
AF tracking	Focus on moving subject <ul style="list-style-type: none">● AF Tracking:  P.6-10

- May not be available depending on camera mode.

Note

- Camera focuses on subject at a distance of over 10 cm.
- In Normal Position, press  in viewfinder to change focus settings.
- When Photo mode is set to **iA**, toggle current focus setting and AF tracking by pressing .
- While Camera is focusing, Focus sound is heard in the following situations:
 - When Focus setting is set to **AF tracking**
 - When Photo mode is set to **iA**
 - During video recording

Face Detection

- Detect up to five faces within 1.7 meters.
- Show yellow focus guide when a face is detected.
- Automatically focus on one face when more than one is detected. (Focus guide turns yellow once focus is on the face.)
- Faces may not be detected in following conditions:
 - Face is tilted
 - A part of face is covered by glasses, hat, mask or shadow
 - Face is too small, big or dark for screen
 - Face is at edge of screen
 - Subject or handset moves too fast
- Shoot with Auto focus if detection fails.

Viewing Saved Images

Main Menu ► Camera

1 Open Pictures
Picture Album

Open Videos
Videos

2 Select a folder

3 Select a file

■ Open Pictures Saved on microSD Card

> In Step 1, *Picture Album* → *100_PANA* (SD folder)

■ Open Videos Saved on microSD Card

> In Step 1, *Videos* → [microSD] → Select a folder

■ Check Still Images in Viewfinder

> In Viewfinder, [] [] []

● To return to Viewfinder: [] [] []

Note

- Alternatively, view still images from **Main Menu ► Data Folder ► Pictures ►** Select a folder
- Alternatively, view videos from **Main Menu ► Data Folder ► Videos ►** Select a folder
- Picture Album cannot be activated while S! Appli is paused.

Tip

● Editing Still Images (☞ P.10-11)