

Camera

Before Using Camera	6-2
Image File Formats	6-2
Notes	6-2
Camera	6-3
Camera Display Indicators.....	6-4
Pictures/Videos	6-6
Capturing Still Images (Camera Mode)	6-6
Recording Videos (Video Camera Mode).....	6-7
Functions Available while Shooting	6-7
Focus Functions	6-11
Changing Focus Settings.....	6-11
Auto Focus Lock	6-12
Viewing Saved Images	6-12

Before Using Camera

941P features approximately 8.1 Mega Pixel CMOS Auto-focus Camera capable of capturing still images and videos.

- Use Variety Photo Viewer (☞P.10-24) for viewing still images or slideshow.

Image File Formats

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 to microSD Card, change Storage setting (☞P.18-17, P.18-18).

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.
- While Camera is active, Photo light illuminates or flashes. Photo light cannot be turned off.

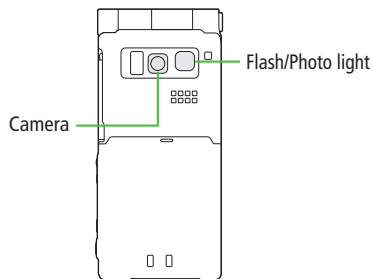
Shutter Click

Shutter click sounds at fixed volume even in Manner Mode.



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

Camera

Press  in Standby to activate Camera. Press and hold  to activate Video Camera. Use Flash when shooting in dark locations.



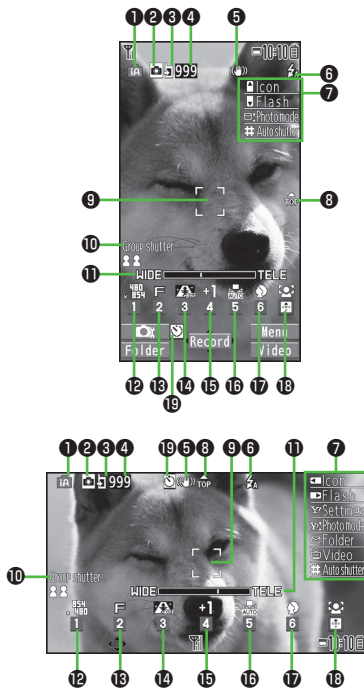
Note

- Alternatively, to activate Camera:
 - From **Main Menu** ► **Camera** ► **Camera** or **Video Camera**
 - Press and hold 
 - Open handset to Horizontal Open Position from Standby (Horizontal View:  P.18-14)
- 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 and previous window returns.

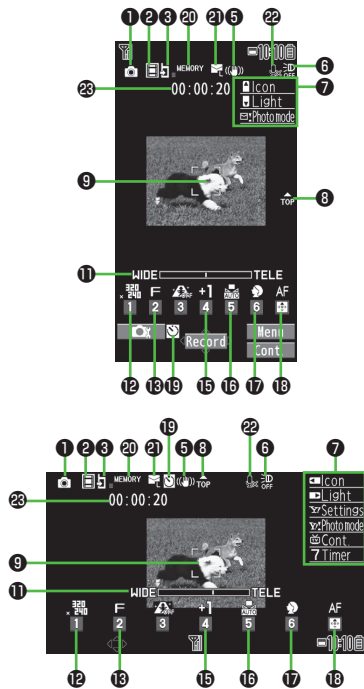
Camera Display Indicators

● Images shown below are for reference only.

■ Camera Mode



■ Video Camera Mode



	Item	Description	Operation
1	Photo mode (P.6-9)	Intelligent Auto Normal Scene My original set. (For Scene/My original set., indicators may vary depending on setting.)	Press and hold [] → Select a mode (→ For Scene/My original set., select an item)
2	CHG Camera-mode	Camera mode Video camera mode / / Action mode (Auto/Auto bracket/Manual) (Cont. shooting set.: P.6-6)	[] [Video/Cont./Camera] ● Toggle Action mode (P.6-10)
3	Storage setting	Phone microSD Card	(9)
4	No. of frames	Show number of remaining frames	—
5	Img. stabilizer	Correct camera shake	(P.18-17, P.18-18)
6	Flash setting (Still image)	Auto Forced ON Always light ON Forced OFF	↓
	Photo light setting (Action/Video)	ON OFF	
7	Key Guidance	Show key operation guidance	—
8	Top indicator	Indicate vertical direction	—
9	Focus Guide	Auto focus guide AF tracking guide	—
10	Auto shutter ¹ (P.6-7)	Love shutter (Sweetheart) Love shutter (Friends) Group shutter (Group)	(#)
11	Zoom bar	Indicate zoom level (P.6-8)	zoom in/out ● Long press: continuous zoom
12	Image size ²	Show image size (P.6-8)	(1) → Select a size
13	Image quality ²	Normal Fine Super fine	(2) → Select a mode
14	High sensitiv. ²	ON OFF	(3) → Select ON/OFF
15	Brightness ²	Adjust brightness (Level -3 to +3)	(4) → Select a level
16	White balance ²	Auto Fine Cloudy Light bulb Fluorescent light	(5) → Select a mode
17	Scene ²	Portrait Sports Food Scenery Night mode Backlight Character Snow Sunset Pet	(6) → Select a scene
18	Focus ² (P.6-11)	Face Detection AF Auto Close-up Landscape AF tracking	(7) → Select a mode
19	Auto timer	(P.6-7)	(7) → Toggle ON/OFF
20	Memory capacity bar	Indicate memory status (appears in red when memory is full)	—
21	File size setting	Mail restrict'n(S) Mail restrict'n(L) Long time	(P.18-18)
22	Movie type set	Record video without audio	(P.18-18)
23	Recordable time	Indicate recordable time	—

¹ Key Guidance appears when Photo mode is set to **Intelligent Auto** and Auto shutter is not set.

² Alternatively, [] → to highlight an item → to select a setting



Pictures/Videos

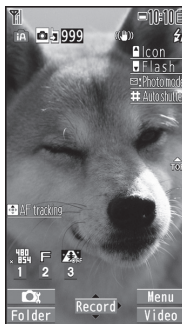
- Confirm battery strength (☞P.1-11) and memory (☞P.18-17, P.18-18) before recording. When battery is low, video cannot be recorded.
- Captured images and videos are automatically saved to Data Folder. To select save location each time, turn **Auto save set** to **OFF** (☞P.18-17, P.18-18).
- Operation descriptions are based on Portrait View.

Note





- For capturing images by , press firmly.

Capturing Still Images (Camera Mode)

- 1  or press and hold 
Picture Viewfinder appears.
- 2 Frame subject










Picture Viewfinder










- 3  [Record],  or  to capture the image
Shutter click sounds at fixed volume.
Image is automatically saved.
 - When **Focus** is set to **Face Detection, Auto** or **AF tracking**,
Camera automatically focuses on subject before capturing image.
- 4  to exit
Return to Standby.

Continuous Shooting

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

- Number of captured images differs depending on image size and Continuous shooting setting (☞P.6-10).
- 1 In Picture Viewfinder,  [Video] →  [Cont.]
 appears (Indicators vary by Action mode).
 - 2 Frame subject →  [Record],  or 
Images are automatically saved.
 - When **Focus** is set to **Auto**, Camera automatically focuses on subject before capturing image.
 - To stop shooting halfway: 

Recording Videos (Video Camera Mode)

- Press and hold . Video Viewfinder appears.
- Frame subject
-  [Record],  or  to start recording. Tone sounds and  appears.
 - When **Focus** is set to **Face Detection** or **Auto**, Camera automatically focuses on subject before recording begins. During recording, auto focus functions regardless of Focus setting.
-  [Stop],  or  to end recording. Tone sounds. Video is automatically saved.
 - Recording stops automatically at maximum recording time.
-  to exit. Return to Standby.


















Video Viewfinder

Note

- Alternatively,  →  [Video] to activate Video Camera

Functions Available while Shooting

From  Camera mode: 
 Action mode:  ►  [Video] ►  [Cont.]
 Video camera mode: Press and hold 




- Auto Timer**
 - >  [Menu] → **Auto timer** → **ON** → Enter time (seconds) →  [Record],  or  (→ For video,  [Stop],  or )
 - Auto timer tone sounds. After set period of time, shutter is released and recording starts.
 - When Auto timer is active,  [Quit] or  to return to Viewfinder without canceling Auto timer.
 - Auto timer is not available when **Cont. shooting set.** is set to **Manual**.

Auto Shutter (Camera Mode Only)






Shutter automatically releases upon detecting number of people or distance between people (When Photo mode is set to **Intelligent Auto** or **Focus** is set to **Face Detection**).


- >  [Menu] → **Auto shutter** → Select an item (See below)

Item	Operation/Description
OFF	Cancel Auto shutter setting
Love shutter	Shutter releases when two faces move close together. > Friends or Sweetheart <ul style="list-style-type: none"> When Sweetheart 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
















- Alternatively, capture still images by  [Record],  or  even when Auto shutter is set (Auto timer activates for Group shutter).















Zoom

>  (zoom in) or  (zoom out) to adjust zoom →  [Record],
 or 

- For continuous zoom: Press and hold 
- Zoom is available during video recording.
- Zoom may change image quality.
- Maximum zoom levels per image size are as follows.

Maximum zoom levels in Horizontal Open Position are indicated in () if different from those in Normal Position.


Camera mode	Size	Zoom level	Zoom Ratio*
Camera (High sensitiv.: OFF)	 8M	1-21	2.6x
	 6M Wide	1-21	2.6x
	 5M	1-21	2.6x
	 3M	1-21	2.6x
	 2M Wide	1-21	2.6x
	 2M	1-21	2.6x
	 Stand-by	1-21	2.6x
	 VGA	1-21	2.6x
	 QVGA	1-31	5.1x
	 QCIF	1-31	8.5x
Camera (High sensitiv.: ON)	 Sub-QCIF	1-31	12.8x
	 2M	1-21	2.6x
	 Stand-by	1-21	2.6x
	 VGA	1-21	2.6x
	 QVGA	1-31	5.1x
	QCIF	1-31	8.5x
Sub-QCIF	1-31	12.8x	

Camera mode	Size	Zoom level	Zoom Ratio*
Continuous shooting	 VGA	1-21	2.6x
	 QVGA	1-31	5.1x
	 QCIF	1-31	8.5x
	 Sub-QCIF	1-31	12.8x
Video camera (Img. stabilizer: Auto)	 VGA	1-21	1.9x
	 HVGA Wide	1-21	1.9x
	 QVGA	1-31	2.9 (3.8)x
	 QCIF	1-31	5.2 (6.4)x
	 Sub-QCIF	1-31	7.2 (9.6)x
Video camera (Img. stabilizer: OFF)	 VGA	1-21	2.6x
	 HVGA Wide	1-21	2.6x
	 QVGA	1-31	3.8 (5.1)x
	 QCIF	1-31	7.0 (8.5)x
	 Sub-QCIF	1-31	9.6 (12.8)x

* Values are approximates.

■ Use Flash/Photo Light

Select a Flash/Photo Light setting.

> In Picture Viewfinder,  [Menu] → **Flash setting** → Select an item (See below)



Item	Operation/Description
Auto	Flash goes off automatically in low-light situations.
Forced ON	Flash always goes off when capturing images.
Always light ON	Photo Light illuminates.
Forced OFF	Flash/Photo Light is disabled.

> In Continuous Shooting/Video Viewfinder,  [Menu] → **Photo light set.** → **ON** or **OFF**

- Flash/Photo light is not available when battery is low.
- When Camera is ended while a setting other than **Forced OFF** is set, Flash setting is changed to **Auto** next time Camera activates. When **Forced OFF** is set, setting remains.
- Even if **Forced OFF** (Flash setting) or **OFF** (Photo light set.) is set, Photo light illuminates or flashes when Camera is active or during shooting.
- When Photo mode is set to **Intelligent Auto**, **Forced ON** cannot be set.
- When using flash, maintain an appropriate distance from subject of 40 to 100 cm.
- When image is captured at close range or your hand is too close to Flash/Photo Light, image color and brightness may differ in appearance from actual subject.

■ Set Photo Mode According to Scene

>  [Menu] → **Photo mode** → Select an item (See below)

Item	Operation/Description
Intelligent Auto	Automatically switch Photo mode according to occasion (in Camera mode) <ul style="list-style-type: none">● Indicator is animated when mode changes (Example:  Close-up).● 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
My original set.	 P.6-10

Change Continuous Shooting Settings

> [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: Capture nine different still images automatically
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 > Select a number

* Savable number of images is as follows:

- VGA (480×640): 4
- QVGA (240×320): 5 to 10
- QCIF (144×176): 5 to 20
- Sub-QCIF (96×128): 5 to 20

Save as Original Setting

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

Item	Operation/Description
Save setting	> Highlight a setting → [Save] (→ 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

- Save up to three settings each in Camera mode and Action mode.

Focus Functions

Changing Focus Settings

<Default> Camera mode/Video camera mode: **Face Detection**
Action mode: **Auto**


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

- Face Detection: Focus locks on faces
(Camera mode/Video camera mode only)
- Auto: Auto focus
- Close-up: Focus for close-ups
- Landscape: Focus on distant landscapes
- AF tracking: Focus on moving subject (Camera mode only)

1 In Picture/Video Viewfinder, 

2  to select an item → 





Note





- Camera focuses on subject at a distance of over 10 cm.
- When Photo mode is set to **Intelligent Auto**, toggle current focus setting and AF tracking by .
- 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 **Intelligent Auto**
 - During video recording

Face Detection

- Detect up to five faces within 2.5 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.













AF Tracking

Position AF tracking guide on subject and press . Yellow AF tracking guide appears and tracks moving subject while adjusting focus and exposure for subject. During AF tracking, press  [**Record**],  or  to lock focus on subject and capture an image.

- Alternatively, press  halfway to lock focus, then  to capture an image
- To cancel AF tracking:  or 
- 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.

Auto Focus Lock

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

- 1 In Picture/Video Viewfinder, ,  or  halfway
 - ① When in focus, handset sounds.
 - ② 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 (Camera mode: P.6-6/Action mode: P.6-6/Video camera mode: P.6-7)
 - In Step 1, press  halfway to lock focus, then press  firmly to shoot.





Viewing Saved Images

Main Menu ► Camera

- 1 **Open Pictures**
Pictures
Open Videos
Videos
- 2 Select a folder
- 3 Select a file



Example: Pictures

- **Open Pictures Saved on microSD Card**
> In Step 1, *Pictures* → [microSD] → Select a folder
- **Open Videos Saved on microSD Card**
> In Step 1, *Videos* → [microSD] → Select a folder
- **Check Still Images in Picture Viewfinder**
> In Picture Viewfinder, [Folder]
● To return to Picture Viewfinder: 

Tip

- Editing Still Images (P.10-11)