

Camera



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7



Capture still images and record videos with handset camera.

Shoot Still Images/Videos

Wide Range of Image Sizes

Select image size accordingly. Use small sizes for S! Mail attachments and larger sizes for saving high resolution images (P. 7-13).

Photo Mode Selection

Select a mode suited to the subject/scene such as Portrait, Scenery, and Sports mode (P. 7-13).

Various Camera Features

Among features included are shooting with Auto Timer, continuous shooting and shooting framed images (P. 7-10, P. 7-11).

Chance Capture

Record videos even when recording time is over (P. 7-8). Recorded videos are saved only for the available recording time from the end of recording.

Send by S! Mail



Non-SoftBank Mobile Phones



SoftBank Handsets



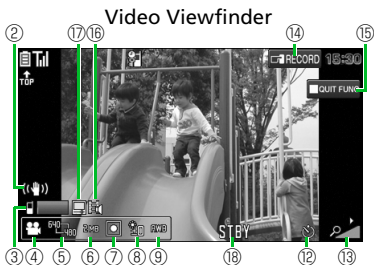
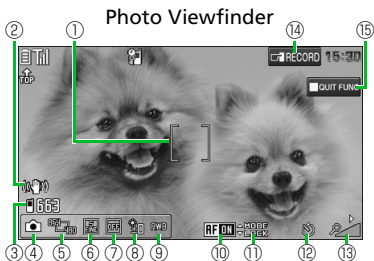
PCs

- Still images are saved in JPEG format and videos in MPEG4 format.
- Clean the lens with soft cloth. Fingerprints or grime on the lens may result in blurred images.
- Handset movement during shooting may cause image blurring when Shake Correction is **OFF**. Setting Shake Correction to **Auto** is recommended.
- Although Camera is made with high-precision technology, some pixels may appear brighter and some darker.
- Shooting or saving images when handset is warm may affect image quality.
- Exposing the lens to direct sunlight for an extended period may result in discoloration of photo images.
- Shutter click and Auto Timer tone sound at a fixed volume even in Manner Mode.



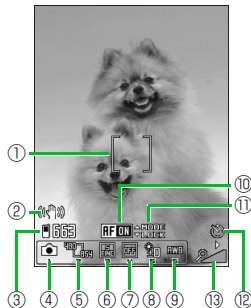
Viewfinder Indicators

● Handset Closed

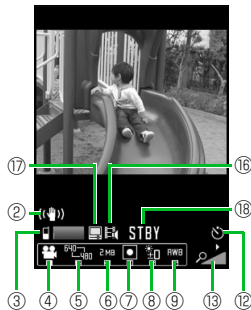


● Handset Open

Photo Viewfinder



Video Viewfinder



①	Focus Frame (Still Images) A white frame appears for Auto Focus. Focus Frame is green when focus is locked, and red if focusing failed.
②	Shake Correction Auto Shake Correction
③	Storage Location (Still Image) Handset Memory Card Number of Files That can be Saved (Still Image) White number: 11 or more Yellow number: 10 or less Red number: No memory space
	Storage Location (Video) Handset Memory Card Storage Capacity (Video) Blue: 500 KB or more Yellow: Less than 500 KB Red: No memory space
④	Camera Mode Movie Mode Chance Capture Photo Mode Auto Continuous Shooting Manual Continuous Shooting Voice Mode Panorama Cap. Mode



⑤	Image Size (Still Image/Video) · Photo Mode 3M (1536 × 2048) to SubQCIF (128 × 96) · Continuous Shooting Screen (240 × 427) to SubQCIF (128 × 96) · Panorama Cap. Mode Panorama (2592 × 480 : Fixed) · Movie Mode VGA (640 × 480) to SubQCIF (128 × 96) · Chance Capture QVCA (320 × 240) to SubQCIF (128 × 96)
⑥	Image Quality (Still Image) Super Fine Normal Fine
	File Size (Video) Mail attachment ² Long time Up to 2 MB
⑦	Photo Mode Auto Night Mode Portrait Pet Scenery Food Backlight OFF Sports Mode
⑧	Brightness +2 to -2

⑨	White Balance¹ Auto Light bulb Fine Fluorescent lamp Cloudy
⑩	AF Status Display (Still Image) AF ON Close-up AF OFF
⑪	AF Guidance (Still Images) For AF toggle and focus lock
⑫	Auto Timer Auto Timer set
⑬	Zoom (16 steps) Minimum to Maximum
⑭	Side Key Guide Shutter
⑮	Touch Sensor Guide End Camera
⑯	Recording Type (Video) Normal (Video & Sound) Video only Sound only
⑰	Image Quality (Video) Long time Fine Normal Super Fine

⑱	Recording Status (Video) Recording ready Recording
---	---

- 1 In Photo Mode or Continuous Shooting, only selectable when **OFF** is selected for **Photo Mode**.
- 2 Only available when **Select Size** is QCIF (176 × 144) or SubQCIF (128 × 96).

Shake Correction

Handset is equipped with this function for preventing shake during still image or video shooting. Set this function off when not needed.



Capturing Still Images

Shoot still images with handset.

Capturing Still Images

1 → **Camera** → →

2 **Frame image in Viewfinder** →

The shutter clicks once focus locks and Focus Frame turns green.

■ **To Discard the Shot Image and Return to Viewfinder**
→ → **YES** →



Photo Viewfinder



Photo Preview Window

3

Tip

- Attach still images to S! Mail or set as wallpaper. (P. 7-14)
- Still images are stored in My Picture under Data Folder. See P. 14-32 for details on changing the storage location to Memory Card.
- Shutter clicks even if focusing fails and Focus Frame turns red.

Available Functions

AF Toggle	
AF Lock	
Zoom (Telescopic)	
Zoom (Wide angle)	
Key Guidance	

From Quick Menu

- Use Quick Menu to activate Camera from closed position.

1

Touch Sensor is enabled (On).

2 Tap , or

■ **Returning to Standby**

→ or Press and hold

3 or to select →

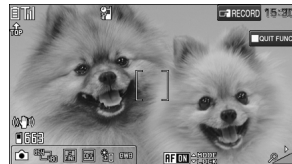


Photo Viewfinder (Landscape View)

■ **Returning to Standby**

→

4 **Display subject to shoot** →

5

■ **To Take Shot Again**

→ → **YES** →

7

Camera



Keys in Photo Viewfinder (Landscape View)

Zoom (Telescopic)	
Zoom (Wide angle)	
End Photo Mode	

After shooting, press and hold to end without saving the image.

More Features

Advanced

Shooting Still Images

- Switch Camera Modes
- Select Image Size
- Select Photo Mode
- Adjust Brightness
- Switch Color Modes
- Check Storage Capacity
- Toggle Auto Focus
- Set Shake Correction

P. 7-13)

Using Still Images

- Upload Still Image/Video to Blog
- Send Still Image with Graphic Mail
- Attach Still Image to Mail and Send
- Show Mirror Image of Shot Still Image
- Save Mirror Image of Shot Still Image
- Show Shot Still Image in Standby

P. 7-13)

Customize

Camera Settings

- Set Image Quality
- Set White Balance
- Reduce Flicker

- Set Shutter Sound
- Set Display for Handset Closed Shooting P. 14-31)

File Storage

- Set Storage Location for Shot Still Images
- Save Shot Still Images Automatically P. 14-32)



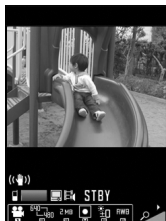
Recording Videos

Record videos with or without sound, or record sound only.

- Videos are stored in Videos under Data Folder. See P. 14-32 for details on changing the storage location to Memory Card.

Recording Videos

- 1 ⇒ **Camera** ⇒ ⇒ ⇒ **Movie Mode** ⇒



Video Viewfinder

- 2 **Frame image in Viewfinder** ⇒



Recording starts.

- 3



Video Preview Window

Recording ends.

- **To Play the Recording**

⇒ ⇒ YES ⇒

- **To Discard the Recording and Return to Viewfinder**

⇒ CLEAR ⇒ YES ⇒

- 4

Available Functions

Zoom (Telescopic)	
Zoom (Wide angle)	
Help	

Tip

- Key operation tones may be recorded if you adjust zoom, etc. while recording a video.

From Quick Menu

- Use Quick Menu to activate Video from closed position.

- 1

Touch Sensor is enabled (On).

- 2 Tap , or

- **Returning to Standby**

⇒ or Press and hold

- 3 or to select ⇒



Video Viewfinder (Landscape View)



■ Returning to Standby



4 Display subject to shoot ⇒

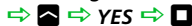
Video shooting begins.

5

Video shooting ends.

6

■ Returning to Standby



Keys in Video Viewfinder (Landscape View)

Zoom(Telescopic)	
Zoom(Wideangle)	
End Video Mode	

After shooting, press and hold to end without saving the image.

Tip

- Sound from operating keys (e.g. adjusting zoom) during shooting may be recorded.

Chance Capture

Continue recording a video until you shoot the desired scene even when the available recording time is over.

1 [Photo Viewfinder]/[Video Viewfinder] ⇒ ⇒ ⇒



2 Frame image in Viewfinder ⇒



Recording starts.

When the available recording time is over, the remaining time indication flashes.

3 (twice)

Note

- When recorded video exceeds available memory, handset saves the maximum recordable time from the end of recording. Initial portion is deleted.

Recording Only Sound

Record only audio in Movie Mode. (Voice Mode)

1 [Photo Viewfinder]/[Video Viewfinder] ⇒ ⇒ ⇒



2

Recording starts.

3 (twice)

Tip

- To activate Voice Mode from Main Menu:
 ⇒ Camera ⇒ ⇒ Voice Mode ⇒



From Quick Menu

- Use Quick Menu to activate Voice Mode from closed position.

1

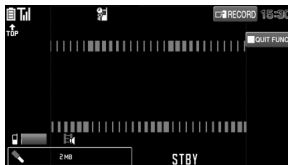
Touch Sensor is enabled (On).

2 Tap , or

■ Returning to Standby

⇒ or Press and hold

3 or to select ⇒



Sound Recording Window (Landscape View)

■ Returning to Standby

⇒

4

Recording starts.

5

Recording ends.

6

More Features

Advanced

Shooting Videos

- Switch Camera Modes
- Select Image Size
- Select Photo Mode
- Adjust Brightness
- Switch Color Modes
- Check Storage Capacity
- Change Video Type
- Set Shake Correction

▶ P. 7-13

Using Videos

- Upload Still Image/Video to Blog
- Send Recorded Video by Mail
- Show Recorded Video in Standby
- Edit Title of Video
- Playing Videos

▶ P. 7-13

Customize

Video Settings

- Set Image Quality
- Set File Size
- Set White Balance
- Reduce Flicker
- Set Shutter Sound
- Set Display for Handset Closed Shooting

▶ P. 14-31

File Storage

- Set Storage Location for Shot Videos
- Save Shot Videos Automatically

▶ P. 14-32



Continuous Shooting

Shoot up to 20 still images continuously.

Automatic continuous shooting mode: Automatically shoots a set number of images at set intervals after you release the shutter.

Manual continuous shooting mode: Shoots a set number of images, each of which is shot by releasing the shutter manually.

- See P. 14-31 for details on setting interval/number of shots for Continuous Shooting.

1 [Photo Viewfinder]/[Video Viewfinder] → [1] → [Auto] or



Continuous Shooting Viewfinder (Manual)

2 Frame image in Viewfinder →



Thumbnail Preview Window

■ To Stop Continuous Shooting

In Automatic Mode:



In Manual Mode:



■ To Discard Shot Images and Return to Viewfinder



3 Press and hold [Y] → Save or Mirror Save → [square icon]

Tip

- Image size can only be set to *Screen*, *QVGA V.*, *QCIF*, or *SubQCIF*.



Add Frames to Images

- 1 [Photo Viewfinder] ⇒ [F] ⇒ **Select Frame** ⇒ [■] ⇒ Select a folder ⇒ [■] ⇒ Select a frame ⇒ [■]
- 2 Compose image in the frame ⇒ [■]



Framed Image Previwe Window

- 3 [■]

Auto Timer

- Auto Timer returns to OFF after shooting.

- 1 [Photo Viewfinder]/[Video Viewfinder] ⇒ [F] ⇒ **Auto Timer** ⇒ [■]
- 2 **ON** ⇒ [■] ⇒ Enter time ⇒ [■]
- 3 **Frame image in Viewfinder** ⇒ [■]

Auto Timer starts countdown, and Camera Indicator flashes red. About five seconds before shooting, a countdown tone starts playing and Camera Indicator flashes rapidly.

- **To Stop Auto Timer**
⇒ [■] or [CLEAR]

- 4 [■]

Tip

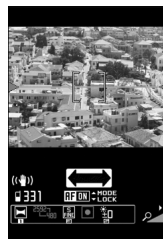
- To shoot manually during Auto Timer countdown, press [■].

Panoramic Shooting

Create a single panorama shot automatically by moving handset horizontally while shooting.

- Letting handset move up or down during shooting may produce a shot with a reduced height or blurring.
- A moving subject may be difficult to shoot.
- Shooting may fail with a subject having a simple pattern or no pattern.

- 1 [Photo Viewfinder] ⇒ [1] ⇒ [■]



Panorama Cap. Window



2 Display one end of subject



Panorama shooting starts.



Panorama Shooting

Pan left or right as horizontally as possible so the subject does not deviate up or down from the displayed green line. Keep a good panning speed so that **GOOD** appears. If the speed is too fast, **FAST** appears and the scene cannot be captured properly.

3



Panorama shooting ends. Shooting ends automatically if shooting reaches the maximum storable capacity.

■ To Take Shot Again



4



More Features

Advanced

After Continuous Shooting

- View Images
- Save One Frame
- Save Only Selected Images
- Save as Animation
- Open an Image as Mirror Image
- Attach to Mail

(▶ P. 7-14)

After Shooting Framed Images

- Change Frame before Saving Image

(▶ P. 7-15)

Customize

Camera Settings

- Set Interval for Continuous Shooting

(▶ P. 14-31)



Shooting Still Images/Videos

Start Here

[Photo Viewfinder] P. 7-5

[Video Viewfinder] P. 7-7

Switch Camera Modes

[Photo Viewfinder] / [Video Viewfinder] ⇨ [1] ⇨ Select a Camera Mode ⇨ [■]

Select Image Size

[Photo Viewfinder] / [Video Viewfinder] ⇨ [2] ⇨ Select an image size ⇨ [■]

Select Photo Mode

[Photo Viewfinder] / [Video Viewfinder] ⇨ [4] ⇨ Select a Photo Mode ⇨ [■]

Adjust Brightness

[Photo Viewfinder] / [Video Viewfinder] ⇨ [5] ⇨ Select a brightness level ⇨ [■]

Switch Color Modes

[Photo Viewfinder] / [Video Viewfinder] ⇨ [P] ⇨ **Camera Settings** ⇨ [■] ⇨ **Effect** ⇨ [■] ⇨ **Full Color, Sepia or Monochrome** ⇨ [■]

Check Storage Capacity

[Photo Viewfinder] / [Video Viewfinder] ⇨ [P] ⇨ **Memory Info** ⇨ [■]

Toggle Auto Focus

[Photo Viewfinder] ⇨ [P] ⇨ **AFchange** ⇨ [■] ⇨ **ON, Close-up or OFF** ⇨ [■]

Change Video Type

[Video Viewfinder] ⇨ [P] ⇨ **Movie Type Set** ⇨ [■] ⇨ **Normal, Video or Voice** ⇨ [■]

Set Shake Correction

[Photo Viewfinder] / [Video Viewfinder] ⇨ [P] ⇨ **Shake Correction** ⇨ [■] ⇨ **Auto or OFF** ⇨ [■]

Using Still Images/Videos

Start Here

[Photo Preview] window P. 7-5

[Video Preview] window P. 7-7

Upload Still Image/Video to Blog

[Photo Preview] window/ [Video Preview] window ⇨ [■] ⇨ **Blog Cont.** ⇨ [■] (⇨ **Attach Mail, QVGA Scale Down or VGA Scale Down** ⇨ [■]) ⇨ Create and send S! Mail

☞ Specify a blog upload destination beforehand with Blog/Mail Member (P. 5-4).



Send Still Image with Graphic Mail

[Photo Preview] window → [Envelope icon] → **Insert Image** → [Image icon] (→ **Insert Mail** or **SubQCIF Scale Down** → [Image icon]) → Create and send Graphic Mail

Attach Still Image to Mail and Send

[Photo Preview] window → [Envelope icon] → **Attach Image** → [Image icon] → (**Attach Mail, QVGA Scale Down** or **VGA Scale Down**) → [Image icon] → Compose and send S! Mail

Send Recorded Video by Mail

[Video Preview] window → [Envelope icon] → Compose and send S! Mail

Show Mirror Image of Shot Still Image

[Photo Preview] window → [Mirror icon] → **Mirror Display** → [Image icon]

Save Mirror Image of Shot Still Image

[Photo Preview] window → [Mirror icon] → **Mirror Save** → [Image icon]

Show Shot Still Image in Standby

[Photo Preview] window → [Standby icon] → **Set as Display** → [Image icon] → **Stand-by Display** → [Image icon] → Select a layout → [Image icon] → Check preview → [Image icon]

Show Recorded Video in Standby

[Video Preview] window → [Standby icon] → **Set as Stand-by** → [Image icon]

Edit Title of Video

[Video Preview] window → [Title icon] → **Edit Title** → [Image icon] → Edit title → [Image icon]

Play Video

[MENU] → **Camera** → [Image icon] → **Videos** → [Image icon] → Select folder → [Image icon] → Select data → [Image icon]

[Hand icon] See P. 9-5 for details on the Playback window for videos.

After Continuous Shooting

Start Here

[Thumbnail Preview] window P. 7-10

View Images

[Thumbnail Preview] window → Select an image → [Envelope icon]




[Hand icon] Press [Left/Right arrow] to switch to the previous/next image.



Save One Frame

[Thumbnail Preview] window → Select image → [Envelope icon] → [Image icon]







Save Only Selected Images

[Thumbnail Preview] window ⇨
 Select an image ⇨  ⇨ Repeat
 the same step ⇨  ⇨ **Save** or
Mirror Save ⇨ 

 Select a checked image and press  to cancel the selection.




Save as Animation

[Thumbnail Preview] window ⇨
 ⇨ **Store All&Anime** ⇨  ⇨
Save or **Mirror Save** ⇨  ⇨
 Select a destination ⇨ 

Open an Image as Mirror Image

[Thumbnail Preview] window ⇨
 ⇨ **Mirror Display** or **Normal Display** ⇨ 

Attach to Mail



[Thumbnail Preview] window ⇨
 Select an image ⇨  (twice) ⇨
Attach Image ⇨  (⇨ **Attach Mail/QVGA Scale Down** ⇨ ) ⇨
 Compose and send S! Mail

After Shooting Framed Images

Start Here

[Framed Image Preview] Window
 P. 7-11

Change Frame before Saving Image

[Photo Preview] window ⇨  ⇨
Change Frame ⇨  ⇨ Select a
 frame ⇨ 