

Taking a self portrait shot

Take photos of yourself. The focus distance will be set to close-up and your camera will emit a beep.



- 1 In Shooting mode, select → → .
- 2 When you hear a quick beep, press [Shutter].



- To turn the beep on or off, select **Self-Portrait** in the sound settings. (p. 108)
- If you turn volume off in settings, the camera will not emit a beep.

Taking a smile shot

The camera automatically releases the shutter when it detects a smiling face.



In Shooting mode, select → → . When your subject smiles broadly, your camera can detect the smile more easily.

Detecting eye blinking

If your camera detects closed eyes, it will automatically take 2 photos in succession.



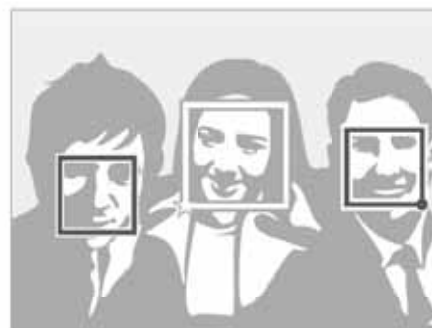
In Shooting mode, select  →  → .



- Hold your camera still while "Capturing" is displayed on the screen.
- When blink detection fails, "Picture taken with eyes closed." message appears. Take another photo.

Using smart face recognition

The camera automatically registers faces that you frequently photograph. This feature will automatically prioritize the focus on those faces and favorite faces. This feature is available only when you use a memory card.



In Shooting mode, select  →  → . The nearest face appears in a white focus frame and the rest of the faces appear in gray focus frames.

-  : Indicate favorite faces
(To register favorite faces, see page 53).
-  : Indicate faces that the camera automatically registers.

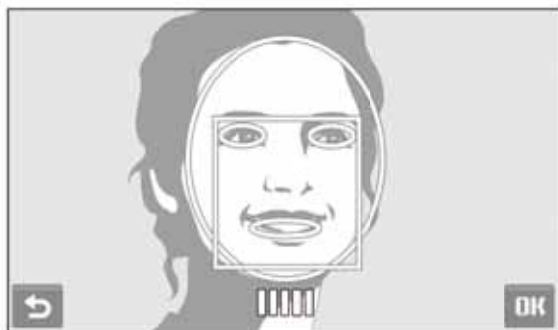


- The camera may recognize and register faces incorrectly depending on lighting conditions, remarkable changes in the subject's pose or face, and whether or not the subject is wearing glasses.
- The camera can automatically register up to 14 faces. If the camera recognizes a new face when there are 14 registered faces, it will replace the face in the lowest priority with the new one.
- The camera can detect up to 5 faces in one scene.

Registering faces as your favorites (My Star)

You can register your favorite faces to prioritize the focus and exposure on those faces. This feature is available only when you use a memory card.

- 1 In Shooting mode, select  →  → .
- 2 Align your subject's face with the oval guideline and press **[Shutter]** to register the face.
 - If the subject's face is not aligned with the oval guideline, the white frame will not appear.
 - You will take 5 photos of the subject's face: one each from the front, left, right, above, and below.
 - Take photos of one person at a time when registering faces.



- 3 Select  when the face list appears.
 - Your favorite faces are indicated with a ★ on the face list.

-  • You can register up to 6 favorite faces.
- The flash option will be set to **Off**.
- If you register the same face twice, you can delete one of the faces in the face list.

Viewing your favorite faces

- 1 In Shooting mode, select  →  → .
- 2 Select  to view your favorite faces.

-  • To change the ranking of your favorite faces, select ★ (p. 68)
- To cancel your favorite faces, select .

Adjusting brightness and color

Learn how to adjust the brightness and color for better image quality.

Adjusting the exposure manually (EV)



Depending on the intensity of the ambient light, your photos may be too bright or dark. In these cases, you can adjust the exposure to get a better photo.



Darker (-)

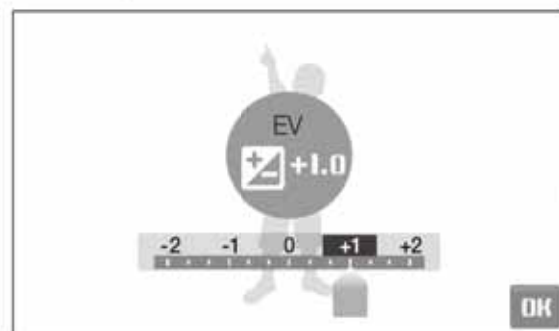


Neutral (0)



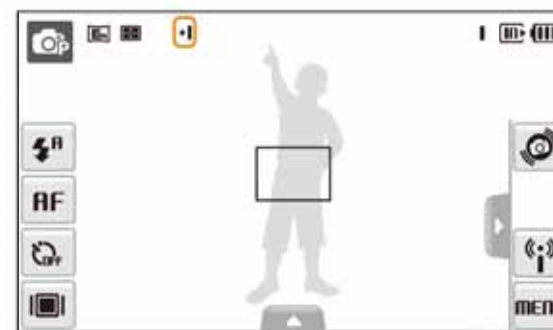
Brighter (+)

- 1 In Shooting mode, select → .
- 2 Select a value to adjust the exposure.
 - +: brighter, -: darker



- 3 Select **OK**.

- The adjusted exposure value will appear as shown below.



- Once you adjust the exposure, the setting will remain the same. You may need to change the exposure value later to avoid overexposure or underexposure.
- If you cannot decide on an appropriate exposure, select **AEB** (Auto Exposure Bracket). The camera takes 3 consecutive photos with different exposures: normal, underexposed, and overexposed. (p. 59)

Compensating for backlighting (ACB)

When the light source is behind your subject or there is high contrast between your subject and the background, your subject is likely to appear dark in the photo. In this case, set the Auto Contrast Balance (ACB) option.



Without ACB



With ACB

- 1 In Shooting mode, select  →  → .
- 2 Select an option.



Option	Description
	Off: ACB is off.
	On: ACB is on.



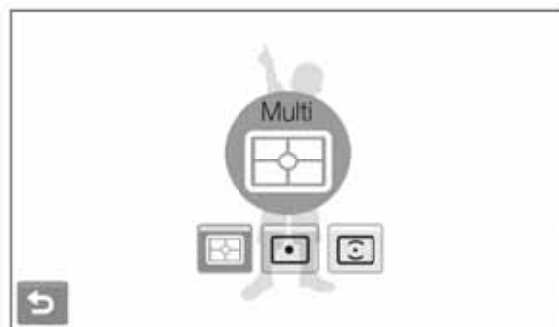
- The ACB feature is always on in  mode.
- This feature is not available when **Continuous**, **Motion Capture**, or **AEB** is in use.

Changing the metering option

The metering mode refers to the way in which a camera measures the quantity of light. The brightness and lighting of your photos will vary depending on the metering mode you select.

- 1 In Shooting mode, select  → .
(In  mode, select  →  → .)

- 2 Select an option.



Option	Description
	Multi: • Your camera divides the frame into several areas, and then measures the light intensity of each area. • Suitable for general photos.

Option	Description
	Spot: • Your camera measures only the light intensity of the very center of the frame. • If a subject is not in the center of the frame, your photo may be improperly exposed. • Suitable for a subject with backlighting.
	Center-weighted: • Your camera averages the meter reading of the entire frame with emphasis placed on the center. • Suitable for photos with subjects in the center of the frame.

Selecting a light source (White balance)



The color of your photo depends on the type and quality of the light source. If you want the color of your photo to be realistic, select an appropriate lighting condition to calibrate the white balance, such as Auto WB, Daylight, Cloudy, or Tungsten.



AWB Auto WB



 Daylight



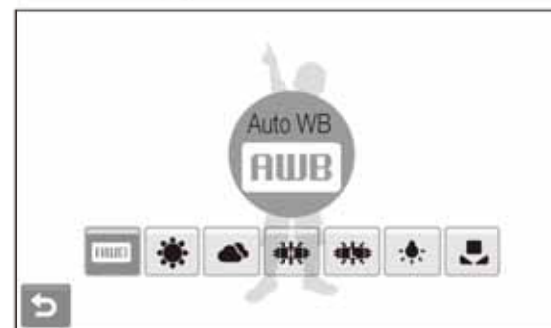
 Cloudy



 Tungsten

1 In Shooting mode, select  → **AWB**.

2 Select an option.

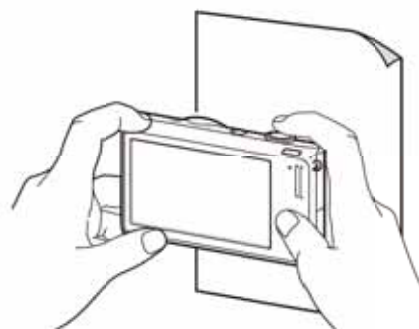


Option	Description
	Auto WB: Use automatic settings depending on the lighting conditions.
	Daylight: Select when taking outdoor photos on a sunny day.
	Cloudy: Select when taking outdoor photos on a cloudy day or in shadows.
	Fluorescent_H: Select when shooting under a daylight fluorescent or three-way fluorescent light.
	Fluorescent_L: Select when shooting under white fluorescent light.
	Tungsten: Select when taking indoor photos under incandescent bulbs or halogen lamps.
	Custom Set: Use your pre-defined settings. (p. 58)

Defining your own white balance

You can customize the white balance by taking photos of a white surface, such as a piece of paper. This will help you to match the colors in your photo with the actual scene according to your lighting condition.

- 1 In Shooting mode, select  →  → .
- 2 Aim the lens at a piece of white paper.



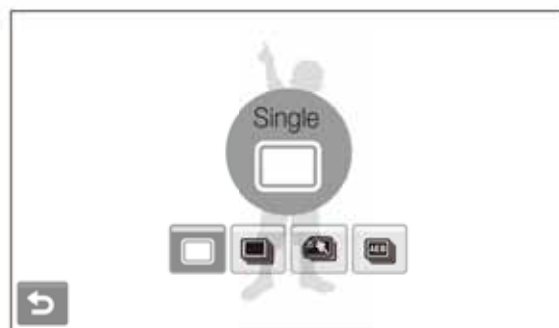
- 3 Press **[Shutter]**.

Using burst modes

It can be difficult to take photos of fast-moving subjects or capture natural facial expressions and gestures of your subjects in photos. In these cases, select one of the burst modes.



- 1 In Shooting mode, select  →  → .
- 2 Select an option.



Option	Description
	Single: Take a single photo.
	Continuous: - While you are pressing [Shutter], the camera takes photos continuously. - The maximum number of photos depends on the capacity of your memory card.
	Motion Capture: While you are pressing [Shutter], the camera takes VGA photos (6 photos per second; maximum of 30 photos).
	AEB: - Take 3 consecutive photos with different exposures: normal, underexposed, and overexposed. - Use a tripod to prevent blurry photos.

The options may differ depending on the shooting mode.



- You can use the flash, timer, and AEB only when you select **Single**.
- When you select **Motion Capture**, the resolution will be set to VGA and the ISO speed will be set to **Auto**.
- Depending on the selected face detection option, some burst options are not available.
- You can capture continuous photos if you select Children mode in Scene mode.

Improving your photos

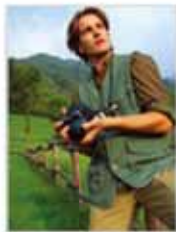
Learn how to improve your photos by applying photo styles, colors, or smart filter effects, or make some adjustments.

Applying photo styles

Apply various styles to your photos, such as Soft, Vivid, or Forest.



Soft

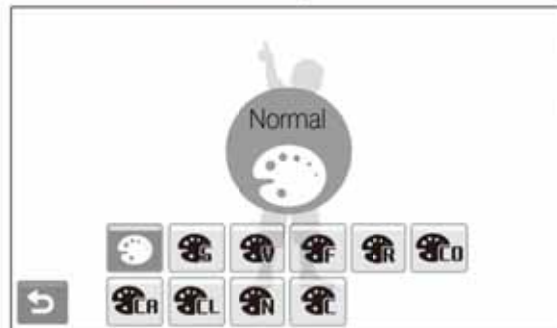


Vivid



Forest

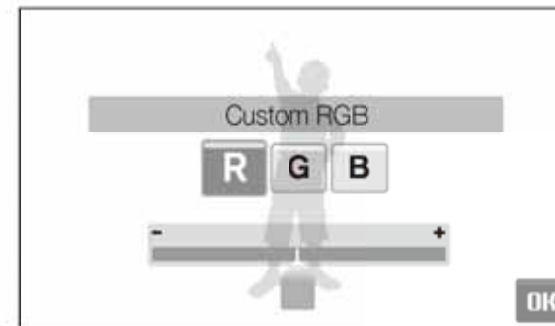
- 1 In Shooting mode, select  → .
(In  mode, select  →  → .)
- 2 Select an option.
 - Select  to define your own RGB tone.



If you use this function, you cannot set the face recognition, smart filter and image adjustment options.

Defining your own RGB tone

- 1 In Shooting mode, select  → .
(In  mode, select  →  → .)
- 2 Select .
- 3 Select a color (R: Red, G: Green, B: Blue).
- 4 Adjust the amount of the selected color.



- 5 Select **OK**.

Applying smart filter effects

Apply various filter effects to your photos to create unique images.



Miniature



Vignetting



Fish-eye 1



Fish-eye 2

- 1 In Shooting mode, select  → .
(In  mode, select  →  → .)

- 2 Select an effect.

Option	Description
	Normal: No effect
	Miniature: Make a photo of a life-size location or object look like a photo of a miniature scale model. Blurring parts of the photo makes the scene seem much smaller than it actually is.
	Vignetting: Apply the retro-looking colors, high contrast, and strong vignette effect of lomo cameras.
	Fish-eye 1: Distort close objects to imitate the visual effect of a fisheye lens.
	Fish-eye 2: Blacken the edges of the frame and distort objects to imitate the visual effect of a fisheye lens.
	Sketch: Make a photo looks like a drawing.
	Defog: Make a photo clearer.

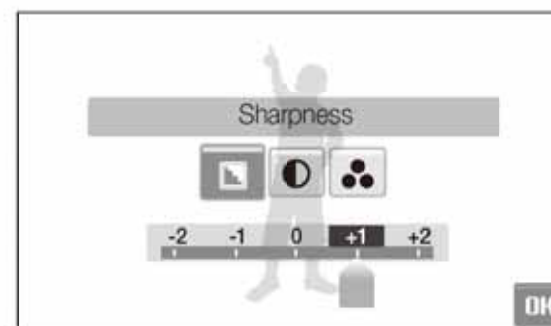


- If you select **Miniature** when recording a video, the miniature recording time is displayed with the  icon and is shorter than the real recording time.
- If you select **Miniature** when recording a video, the sound will not be recorded.
- When you apply a smart filter effect while recording a video, the recording speed will be set to $\frac{15}{1}$ and the recording resolution will be set to less than **640**.
- If you use this function, you cannot set the photo style and image adjustment options.
- The options may differ depending on the shooting mode.
- When you select **Sketch**, the photo will be automatically resized to **5M** or smaller.

Adjusting your photos

Adjust the sharpness, saturation, and contrast of your photos.

- 1 In Shooting mode, select  →  → .
- 2 Select an adjustment option.
 - : Sharpness
 - : Contrast
 - : Saturation
- 3 Select a value to adjust the selected item.



Sharpness option	Description
-	Soften the edges on your photos (suitable for editing the photos on your computer).
+	Sharpen the edges to improve the clarity of your photos. This may also increase the noise on your photos.

Contrast option	Description
-	Decrease the color and brightness.
+	Increase the color and brightness.

Saturation option	Description
-	Decrease the saturation.
+	Increase the saturation.



- Select **0** if you do not want to apply any effects (suitable for printing).
- If you use this function, you cannot set the face recognition, photo style and smart filter options.

Playback/Editing

Learn how to play back photos, videos, or voice memos and edit photos or videos. Also, learn how to connect your camera to your computer, photo printer or TV.

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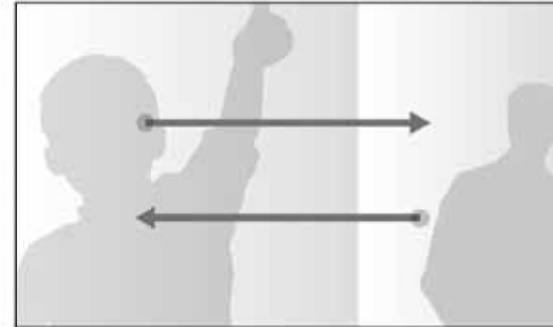
Playing back

Learn actions to play back photos, videos, or voice memos, and managing files.

Starting Playback mode

View photos or play videos and voice memos stored in your camera.

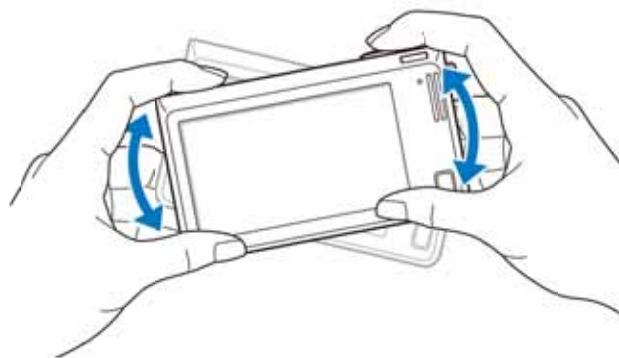
- 1 Press **[Playback]**.
 - The most recent file you have taken or recorded will be displayed.
 - If the camera is off, it will turn on.
- 2 Drag files left or right to scroll through files.
 - Select ◀ to view the previous file. Hold to view files quickly.
 - Select ▶ to view the next file. Hold to view files quickly.



- If you want to view files stored in the internal memory, remove your memory card.
- The camera will not properly play back files that are too large or those taken with cameras from other manufacturers.

Viewing files using motion recognition

You can view files by tilting the camera.



- Motion recognition may not work well if you hold the camera parallel to the ground.
- When you rotate the camera 90° or 180° while viewing a photo, the camera will automatically change the orientation of the displayed photo according to the camera direction.
- To deactivate this function, select **MENU** → ♥ → **Gesture View** → **Off** in Playback mode.

Selecting a menu using motion recognition

Your camera features a built-in motion sensor that allows you to quickly select a menu by tilting the camera.

In Playback mode, tilt the camera while touching and holding .

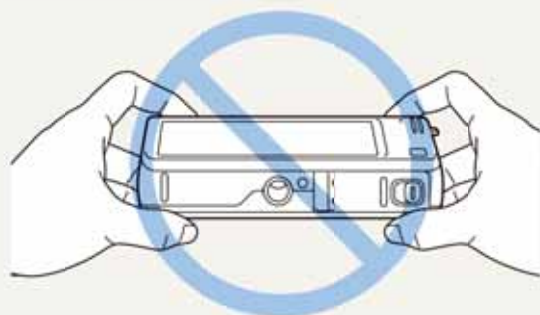


* You cannot set files as favorites for:

- videos or voice memos
- photos with errors or locked photos
- photos taken with cameras from other manufacturers
- photos taken using the motion capture option set
- photos that are too large for the available memory



Motion recognition may not work well if you hold the camera parallel to the ground, as shown below.



Display in Playback mode



Information

Icon	Description
	Photo includes a voice memo
	Video file
	Print: order has been set (DPOF)
	Protected file
	Photo includes a registered face; Available only when you use a memory card
	Favorite file
100-0001	Folder name – File name
	Open the face list (p. 68); Available only when you use a memory card
	Delete files (p. 71)
	Play a slide show (p. 72)
	Edit photos (p. 76)

Icon	Description
	Select a display type (p. 24)
	Select a menu using motion recognition (p. 66)
	Use network menus (p. 91)
MENU	Playback and settings menus
00:00:20	Playback time of videos or voice memos
	Play videos or voice memos (Video p. 73/Voice memo p. 74)

Ranking your favorite faces

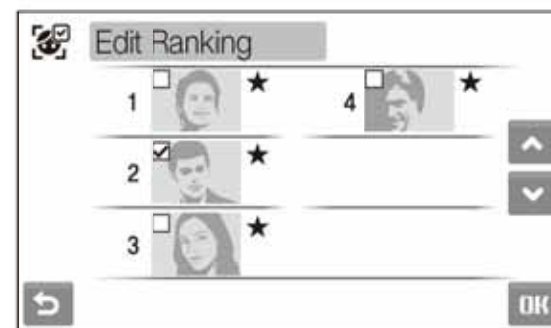
You can change the ranking of your favorite faces or delete them. This feature is available only when you use a memory card.

1 In Playback mode, select



- Select to cancel your favorite faces.

2 Select → a face.

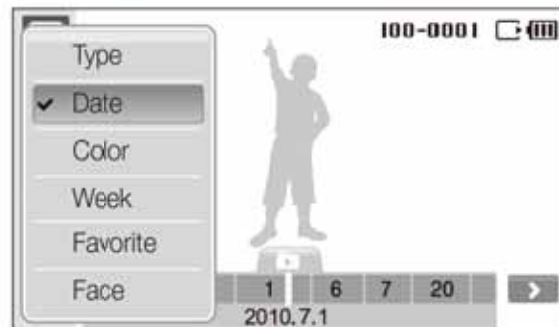


3 Select or to change the ranking of the face and select **OK**.

Viewing files by category in Smart Album

View and manage files by categories, such as date, file type, or week.

- 1 In Playback mode, select .
 - You can also access Smart Album by rotating [Zoom] left.
- 2 Select **DATE** → a category.

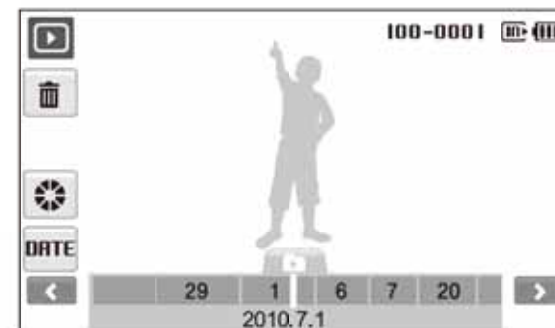


Option	Description
Type	View files by the file type.
Date	View files by the date they were saved.
Color	View files by the dominant color of the image.
Week	View files by the weekday they were saved.
Favorite	View your favorite files.
Face	View files by recognized faces and favorite faces. (Up to 20 people)



It may take some time for the camera to open Smart Album or to change the category and reorganize files.

- 3 Select a date, file type, weekday, color, or face.
 - You can also touch and hold  or  to scroll through dates, file types, weekdays, colors, or faces.



- 4 Select  or  to scroll through files.
- 5 Select  to return to the normal view.



Once you select a category and a menu that displays thumbnails (such as deleting multiple files or protecting selected files), the camera will display all files sorted by category or only those that match the category option.

To view files in 3D view

- 1 In Playback mode, select  → .
- 2 Drag files left or right to scroll through files.
 - Drag files left or right to move them more quickly. The farther you drag an icon across the screen, the more files you will scroll through at a time.
 - Select  to view files in Smart Album.



- 3 Select a file in the middle of the screen to view in the full screen.
 - Select the file to return to 3D view.



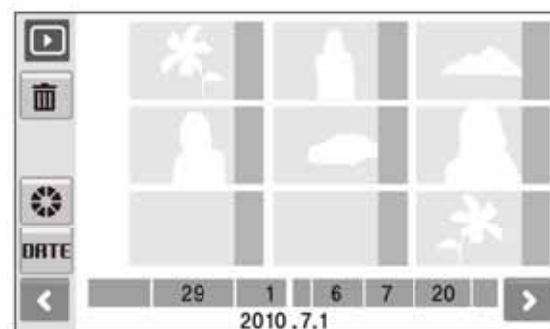
- You cannot play movies or voice memos in 3D view.
- The 3D feature is not available while the camera is connected to a TV.

Viewing files as thumbnails

Scan thumbnails of files.



In Playback mode, rotate [**Zoom**] left to display 9 or 16 thumbnails (rotate [**Zoom**] right to return to the previous mode).



To	Do this
Scroll through files	Select  or  or slide your finger on the screen left or right to scroll through files.
View a file	Select a thumbnail.
Delete files	Select  . (p. 71)
View in 3D	Select  .
Select a category	Select DATE .



When you drag files in thumbnail mode, indication icons may appear after thumbnail have loaded.

Protecting files

Protect your files from accidental deletion.

To select and protect files,

- 1 In Playback mode, select **MENU**.
- 2 Select **Protect** → **Select**.
- 3 Select files you want to protect.
 - Select  to select all files.
 - Select  to cancel your selection.



- 4 Select **OK**.

To protect all files,

- 1 In Playback mode, select **MENU**.
- 2 Select **Protect** → **All** → **Lock**.

Deleting files

Delete single files or all files at once. You cannot delete protected files.

To delete a single file,

- 1 In Playback mode, select a file → .
- 2 Select **Yes** to delete the file.

To delete multiple files,

- 1 In Playback mode, select  → **Multiple Delete**.
- 2 Select files you want to delete.
 - Select  to select all files on the current screen.
 - Select  to cancel your selection.
- 3 Select **OK** → **Yes**.

Copying files to the memory card

You can copy files from the internal memory to a memory card.

- 1 In Playback mode, select **MENU**.
- 2 Select ♥ → **Copy to Card**.
- 3 Select **Yes** to copy files.

Enlarging a photo



In Playback mode, rotate **[Zoom]** right to enlarge a photo (rotate **[Zoom]** left to reduce a photo).

The enlarged area is indicated on the top of the screen.
The maximum zoom ratio may vary depending on the resolution.
Scroll toward the direction you want to move.



Icon	Description
	Delete the file.
	Crop the enlarged photo (it will be saved as a new file).
	Go back to the original view.
X2.0	Zoom ratio

Starting a slide show

You can apply effects and audio to your slide show. This function does not work for videos or voice memos.

- 1 In Playback mode, select
- 2 Set a slide show effect.



Option	Description
	Images: Select photos (up to 2,000) for your slide show.

Option	Description
→	Play Mode: Select whether or not to loop the slide show.
⌚	Interval: Set the interval between photos. - This will be available when you set Effect to OFF. - When used with an effect option than OFF, the interval will be set to 1 sec.
🔊 OFF	Music: Select background audio.
★ OFF	Effect: - Select a transition effect. - Select OFF for no effects.

- Select ▶ to start the slide show.
 - Touch on the screen (except for option icons) to pause the slide show.
 - Select 🔊 to adjust the volume of background audio or to mute the sound.
 - Select ↺ to switch to Playback mode.

Playing a video

You can play a video, capture an image from a video, or crop a video.

- In Playback mode, select a video → ▶.
- Use the following icons to control playback.



Icon	Description
⏮	Scan backward.
⏸/▶	Pause or resume playback.
■	Stop playback.
⏭	Scan forward.
🔊	Adjust volume or mute sound.

Trimming a video during playback

- 1 Select **||** at the point where you want the new video to begin and select .
- 2 Select **▶** to resume playback.
- 3 Select **||** at the point where you want the new video to end.
- 4 Select .
- 5 Select **Yes**.



- The original video should be at least 10 seconds long.
- The edited video will be saved as a new file.

Capturing an image during playback

- 1 Select **||** at the point where you want to save a still image.
- 2 Select .
- 3 Select **Yes**.



- A captured image will have the same file size as the original video file and will be saved as a new file.

Playing a voice memo

Playing a voice memo

- 1 In Playback mode, select a voice memo → .
- 2 Use the following icons to control playback.



Icon	Description
	Scan backward.
	Pause or resume playback.
	Stop playback.
	Scan forward.
	Adjust volume or mute sound.

Adding a voice memo to a photo

- 1 In Playback mode, select a photo → **MENU**.
- 2 Select **Voice Memo** → **On**.
- 3 Press [**Shutter**] to record a short voice memo (10 seconds maximum).
 - Press [**Shutter**] to stop recording a voice memo.

Playing a voice memo added to a photo

- 1 In Playback mode, select a photo that includes a voice memo → .
- 2 Use the following icons to control playback.



Icon	Description
	Pause or resume playback.
	Stop playback.
	Adjust volume or mute sound.

Editing a photo

Perform photo editing tasks, such as rotating, resizing, eliminating red-eyes, and adjusting brightness, contrast, or saturation.



- Edited photos will be saved as new files.
- When you edit photos that are **8M** or larger, they will be automatically resized to a lower resolution (except when rotating or resizing photos).

Rotating a photo

- 1 In Playback mode, select a photo →
- 2 Select → an option.



- 3 Select **OK**.



The rotated photo will be saved as the same file, not a new file.

Resizing photos

- 1 In Playback mode, select a photo →
- 2 Select → an option.
 - Select to save the photo as a start image. (p. 108)



- 3 Select **OK**.



Available options differ depending on the size of the selected photo.

Using Smart crop

Select part of a photo to enlarge and save the photo as a new file.

- 1 In Playback mode, select a photo → .
- 2 Select .
- 3 Select 4 points on the touch screen to select an area.



- 4 Select **OK**.
 - The photo is saved as a new file.



The new file size will be reduced regardless the original size.

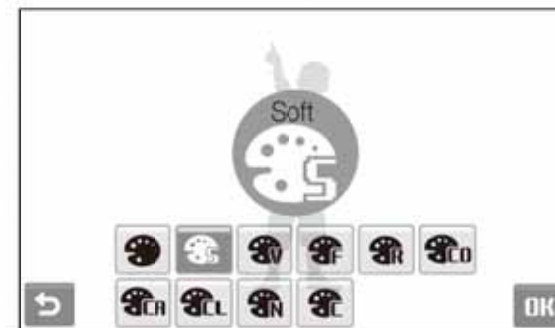
Applying photo styles

Apply a different color tone to the photo, such as Soft, Vivid, or Forest. The edited photo will be saved as a new file but it could be resized to a lower resolution.



Soft Vivid Forest

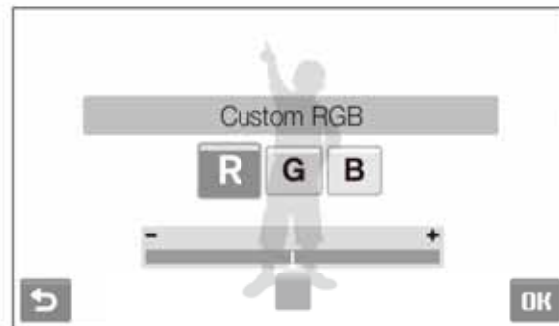
- 1 In Playback mode, select a photo → .
- 2 Select  → an option.
 - Select  to define your own RGB tone.



- 3 Select **OK**.

Defining your own RGB tone

- 1 In Playback mode, select a photo →  →  → .
- 2 Select a color (R: Red, G: Green, B: Blue).
- 3 Adjust the amount of the color.



- 4 Select **OK**.

Applying smart filter effects

Apply various filter effects to your photos to create unique images. The edited photo will be saved as a new file but it could be resized to a lower resolution.



Miniature



Vignetting



Fish-eye 1



Fish-eye 2

- 1 In Playback mode, select a photo → .
- 2 Select  → an effect.

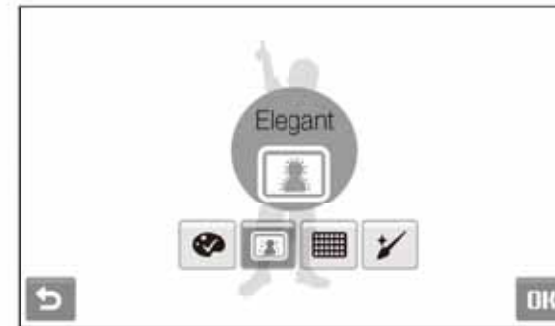


- 3 Select **OK**.

Applying a special effect

Apply special effects to the photo, such as color filters or noise effects. The edited photo will be saved as a new file but it could be resized to a lower resolution.

- 1 In Playback mode, select a photo → .
- 2 Select  → an option.



Option	Description
	Color Filter: Change background colors to black and white to make the main subject stand out.
	Elegant: Apply effects to the photo to make it brighter and softer.
	Add Noise: Add noise to the photo to give it an aged look.
	Face Retouch: Retouch the portrait photos and express faces more brightly and clearer.

- 3 Select **OK**.

Adjusting photo

Remove red-eyes or adjust brightness, contrast and saturation. The edited files are saved as new files but the size may be reduced.

Adjusting brightness/contrast/saturation

- 1 In Playback mode, select a photo → .
- 2 Select  → an adjustment option.
 - : Brightness
 - : Contrast
 - : Saturation
- 3 Select a value to adjust the selected item.
(-: less or +: more)
- 4 Select **OK**.

Removing red-eyes

- 1 In Playback mode, select a photo → .
- 2 Select  → .
- 3 Select **OK**.

Adjusting ACB (Auto Contrast Balance)

- 1 In Playback mode, select a photo → .
- 2 Select  → .
- 3 Select **OK**.

Creating a print order (DPOF)

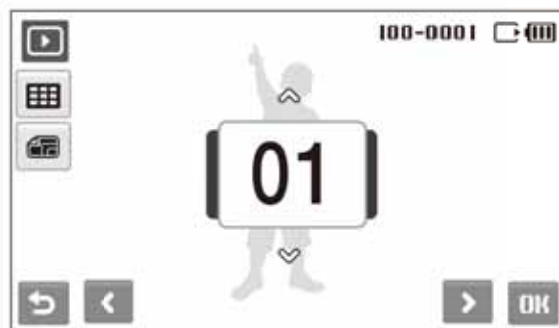
Select photos to be printed and set options, such as number of copies or paper size.



- The memory card can be taken to a print shop that supports DPCF (Digital Print Order Format) or you can print photos directly through a DPOF-compatible printer at home.
- Wide photos may print with the left and right edges cut off, so be aware of the dimensions of your photos.
- You cannot set the DPOF for the photos stored in the internal memory.

- 1 In Playback mode, select **MENU**.
- 2 Select **DPOF** → **Select**.
 - To print all files, select **All** and skip to step 5.

- 3 Select photos to print.
 - Select  to select all files.
 - Select  to cancel your selection.
- 4 Select **OK**.
- 5 Set DPOF options.



Option	Description
	Select whether to print the photos as thumbnails. (Select  to print photos as thumbnails.)
	Specify the size of the print.

- 6 Select  or  to set the number of copies.
- 7 Select **OK**.

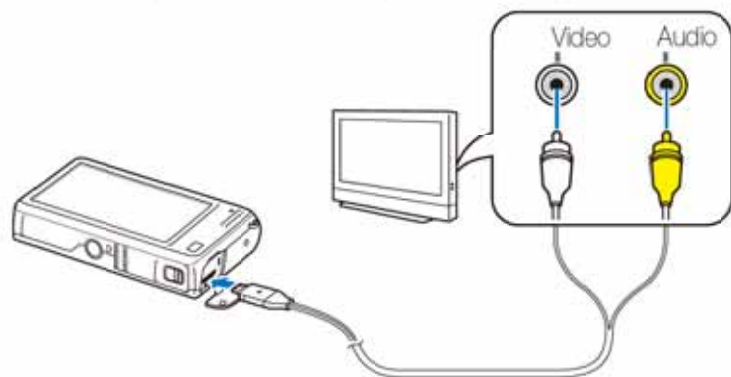


If you specify the print size, you can print photos only with DPOF 1.1-compatible printers.

Viewing files on a TV

Play back photos or videos by connecting your camera to a TV using the AV cable.

- 1 In Shooting or Playback mode, select **MENU** → .
- 2 Select  (twice) → **Video Out**.
- 3 Select a video signal output according to your country or region. (p. 111)
- 4 Turn off your camera and TV.
- 5 Connect your camera to your TV using the AV cable.



- 6 Turn on your TV and select the video output mode using the TV remote control.
- 7 Turn on your camera and press **[Playback]**.

- 8 View photos or play videos using the touch screen on your camera.

- The touch screen will function as the controller for the TV screen. Locate the option you want on the TV screen and touch where the option is located on the camera screen. When a pointer appears on the option on the TV screen, select **OK** on the camera screen.



- On some TVs, digital noise may occur or part of an image may not appear.
- Images may not appear centered on the TV screen depending on your TV settings.
- You can capture photos or videos while the camera is connected to a TV.

Transferring files to your computer (for Windows)

Transfer files to your computer using the built-in Intelli-studio program. You can also edit files or upload files to your favorite websites.

Requirements for Intelli-studio

Item	Requirements
CPU	Intel Pentium 4, 3.2 GHz or higher/ AMD Athlon™ FX 2.6 GHz or higher
RAM	Minimum 512 MB RAM (1 GB and above recommended)
OS	Windows XP SP2/Vista/7
Hard disk capacity	250 MB or more (1 GB and above recommended)
Others	• CD-ROM driver • nVIDIA Geforce 7600GT or higher/ATI X1600 series or higher • 1024 X 768 pixels, 16-bit color display compatible monitor (1280 X 1024 pixels, 32-bit color display recommended) • USB 2.0 port, Microsoft DirectX 9.0c or later



- Intelli-studio may not perform correctly on some computers, even when the computer meets the requirements.
- If your computer does not meet the requirements, videos may not play correctly or it may take longer to edit videos.
- Install DirectX 9.0c or above before you use the program.
- You must use Windows XP/Vista/7 or Mac OS 10.4 or later to connect the camera as a removable disk.



- Using a self-assembled PC or a PC and OS that are not supported may void your warranty.
- The programs may not work properly on 64-bit Edition of Windows XP, Vista, and 7.

Transferring files using Intelli-studio

Intelli-studio will start automatically when you connect the camera to your computer with the USB cable.

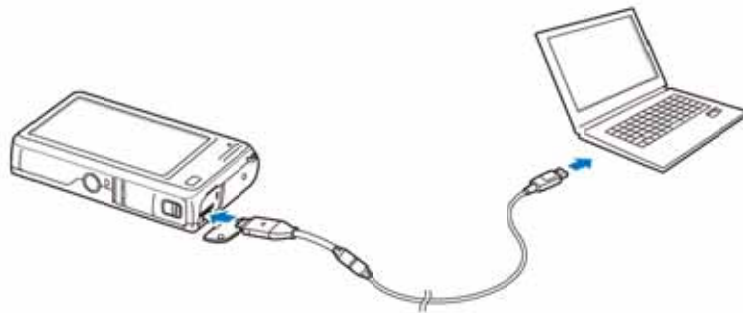


The battery will be charged while the camera is connected to a computer with the USB cable.

- 1 In Shooting or Playback mode, select **MENU** → .
- 2 Select  (twice) → **PC Software** → **On**.
- 3 Turn off the camera.
- 4 Connect the camera to your computer with the USB cable.



You must plug the end of the cable with the indicator light (▲) into your camera. If the cable is reversed, it may damage your files. The manufacturer is not responsible for any loss of data.



- 5 Turn on the camera.

- The computer recognizes the camera automatically.



If you set the USB option to **Select Mode**, select **Computer** from the pop-up window.

- 6 Select a folder on your computer to save new files.

- If your camera has no new files, the pop-up window for saving new files will not appear.

- 7 Select **Yes**.

- New files will be transferred to the computer.



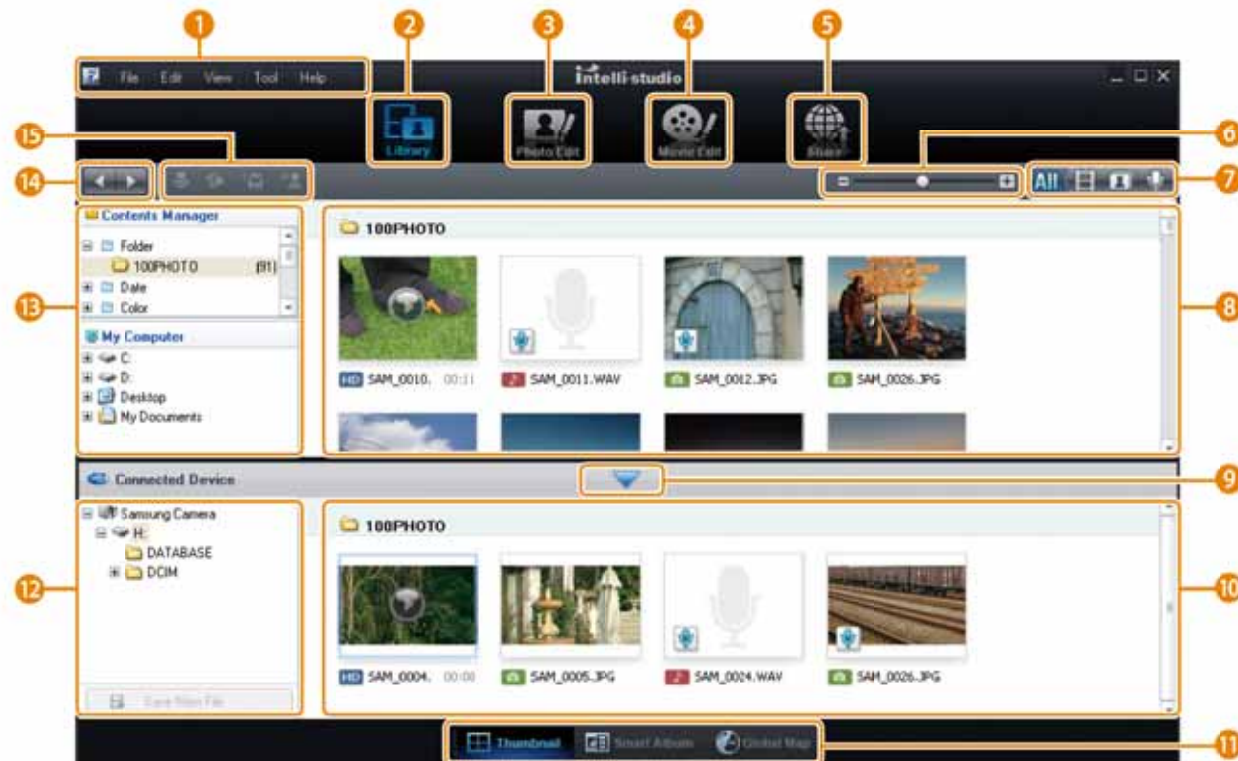
For Windows Vista and Windows 7, select **Run iStudio.exe** from the AutoPlay window.

Using Intelli-studio

Intelli-studio is a built-in program that allows you to play back and edit files. You can also upload files to websites, such as Flickr or YouTube. For details, select **Help** → **Help** in the program.



- If you install Intelli-studio on your computer, the program will launch more quickly. To install the program, select **Tool** → **Install Intelli-studio on PC**.
- You cannot edit files directly on the camera. Transfer files to a folder on your computer before editing.
- You cannot copy files in your computer to the camera.
- Intelli-studio supports the following formats:
 - Videos: MP4 (Video: H.264, Audio: AAC), WMV (WMV 7/8/9), AVI (MJPEG)
 - Photos: JPG, GIF, BMP, PNG, TIFF



Icon	Description
1	Open menus
2	Display files in the selected folder
3	Change to the Photo edit mode
4	Change to the Video edit mode
5	Change to the Sharing mode (You can send files by email or upload files to websites, such as Flickr or YouTube.)
6	Enlarge or reduce the thumbnails in the list
7	Select a file type
8	View files of the selected folder on your computer
9	Show or hide files of the connected camera
10	View files of the selected folder on the camera
11	View files as thumbnails, in Smart Album, or on a map
12	Browse folders in the connected device
13	Browse folders in your computer
14	Move to the previous or next folder
15	Print files, view files on a map, store files in My Folder, or register faces

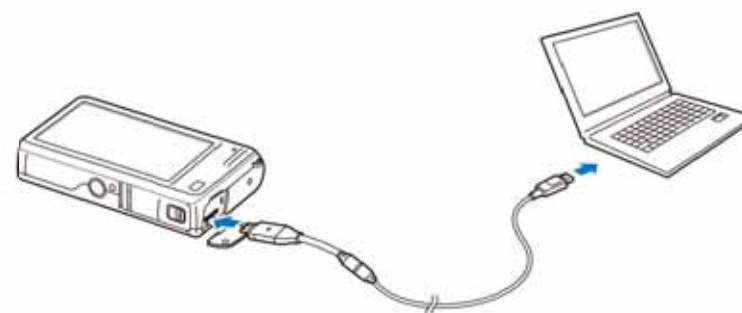
Transferring files by connecting the camera as a removable disk

You can connect the camera to your computer as a removable disk.

- 1 In Shooting or Playback mode, select **MENU** → .
- 2 Select  (twice) → **PC Software** → **Off**.
- 3 Turn off the camera.
- 4 Connect the camera to your computer with the USB cable.



You must plug the end of the cable with the indicator light (▲) into your camera. If the cable is reversed, it may damage your files. The manufacturer is not responsible for any loss of data.



5 Turn on the camera.

- The computer recognizes the camera automatically.



If you set the USB option to **Select Mode**, select **Computer** from the pop-up window.

6 On your computer, select **My computer** → **Removable Disk** → **DCIM** → **100PHOTO**.

7 Select the files you want and drag or save them to your computer.

Disconnecting the camera (for Windows XP)

The way to disconnect the USB cable for Windows Vista/7 is similar.

- 1 If the status lamp on your camera is blinking, wait until it stops.
- 2 Click  on the tool bar at the bottom right of your PC screen.



- 3 Click the pop-up message.
- 4 Remove the USB cable.



The camera may not be removed safely when Intelli-studio is running. End the program before disconnecting the camera.

Transferring files to your computer (for Mac)

When you connect the camera to a Macintosh computer, the computer will recognize the device automatically. You can transfer files directly from the camera to the computer without installing any programs.

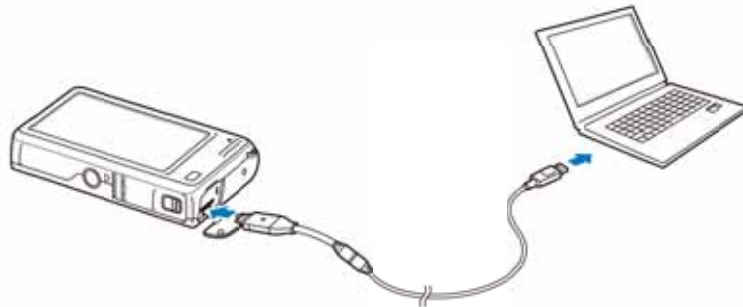


Mac OS 10.4 or later is supported.

- 1 Connect your camera to a Macintosh computer with the USB cable.



You must plug the end of the cable with the indicator light (▲) into your camera. If the cable is reversed, it may damage your files. The manufacturer is not responsible for any loss of data.



- 2 Turn on the camera.
 - The computer recognizes the camera automatically and a removable disk icon will be displayed.



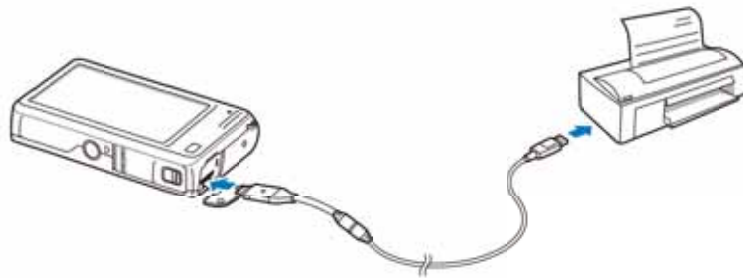
If you set the USB option to **Select Mode**, select **Computer** from the pop-up window.

- 3 Double-click the removable disk icon.
- 4 Transfer photos or videos to the computer.

Printing photos with a photo printer (PictBridge)

Print photos with a PictBridge-compatible printer by connecting your camera directly to the printer.

- 1 In Shooting or Playback mode, select **MENU** → .
- 2 Select  (twice) → **USB** → **Printer**.
- 3 Turn off the camera.
- 4 With the printer on, connect your camera to the printer with the USB cable.



- 5 Turn on your camera.
 - The printer recognizes the camera automatically.

- 6 Select  to print.
 - Select  to set printing options.
See "Configuring print settings" on page 90.



- 7 Select an option.

Option	Description
Current Photo	Print the currently selected photo. Skip to step 9.
Selected Photos	Print the photos you want.
All Photos	Print all photos. Skip to step 9.

- 8 Select ◀ or ▶ to scroll to a photo to print.
- 9 Select ▲ or ▼ to set the number of copies and select **OK**.
 - If you chose **Selected Photos**, repeat steps 8 and 9 for all photos you want to print.
- 10 Select **Yes** to confirm.
 - Printing starts. Select **Cancel** to cancel printing.

Configuring print settings



Option	Description
	Size: Specify the size of the print.
	Layout: Create thumbnail prints.
	Type: Select the type of paper.
	Quality: Set the printing quality.
	Date: Set to print the date.
	File Name: Set to print the name of the file.
	Reset: Reset the print options.



Some options are not supported by some printers.