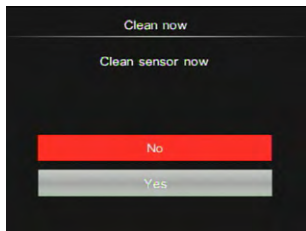




---


## Instantly

The camera will perform instant and automatic cleaning after you select 「Yes」 . It will shut itself down after completion of cleaning.



 For the best effect, please vertically and steadily place the camera on the desk or other flat surfaces for sensing of cleaning.

 Even if no lens is installed. The clean sensor can work normally.







 Dust that could not be removed by the automatic sensor cleaning can be removed manually with a blower, etc. Before cleaning the sensor, detach the lens from the camera.

- ① As the image sensor surface is extremely precise, please clean the sensor with care.
- ② Please don't use compressed air or gas to clean the sensor. As the high pressure air can damage or be frozen on the sensor.
- ③ If there is some residue that cannot be removed with blowing, suggest sending the sensor to a maintenance center for cleaning.

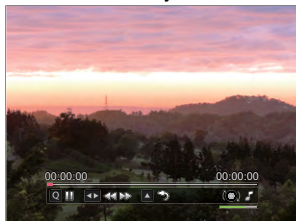
## 8

## Viewing Photos and Videos

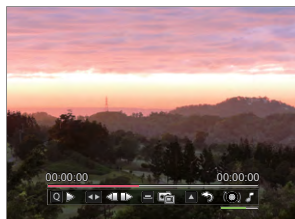
In quicking reviewing pictures and videos taken vertically or horizontally, they all keep obverse when being played back vertically or horizontally. For viewing taken photos and videos on the LCD screen:





1. After pressing the  button, the last photo or video clip taken will be displayed on the LCD screen.
2. Press the [  AE-L/AF-L ] / [   /  ] button to roll pictures or videos saved in memory card or built-in memory.
3. To play a selected video clip, press the  button to enter the Movie Playback Mode. An operation guide appears on the screen when playing back a video. Press concerned buttons to directly enable corresponding functions.




Under Playback








Paused



	Pause
	Rewind
	Fast Forward
	Cancel Play

	Clockwise Volume Up Counterclockwise Volume Down
	Volume
	Mute

	Play
	Frame Backward
	Frame Forward
	Capture Videos
	Cancel Play

## Description on Screen Icons under Playback Mode





1	Eye-Fi ON (with signal)	9	Current Display Area
2	Quality	10	Image Zoom Ratio
3	Capture Date	11	Index Prompt
4	File Name	12	Cont. Group and Number Tab
5	Shooting Pixel Ratio	13	Touch-up
6	File Shooting Pixel	14	HDR
7	Battery Status	15	DPOF File Icon
8	Image Area	16	File Protection Icon

## Thumbnail View

For displaying thumbnails of pictures and videos on the screen under playback mode.



1. Press the [ ▲⏏/⏏ ] button to switch displaying 3x3.
2. When the 3x3 thumbnails are displayed, you may press the arrow button fast to select one picture or video to view.



3. Press the  button to restore it to the original size.
4. Press the  button to select index mode.

4 options in [Index Mode] :


- Single Index
- Date Folder
- Cont. Group
- Play Slide Show

 When the icon  appears, it means this is a video file. (Including the time-lapse movie files)







 When the icon  appears, it means this is a continuous group file.

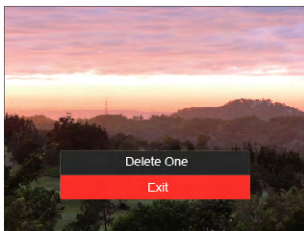
---






## Photos and Video Deletion

Under the single playback mode, you may press the [  ] button to delete pictures and videos.

To delete photos or videos:

1. Press the  button to enter playback screen.
2. Press the [  AE-L/AF-L ] / [   /  ] button to select pictures or videos to be deleted.
3. A prompt of deletion is displayed on the screen after press the [  ] button.



4. Press the [   /  ] / [  **Info** ] button to select [ Delete One ] or [ Exit ] and then press the  button to confirm.






Erased photos/video clips cannot be recovered.









Please refer to page 101 for instructions on deleting more than one image at a time.

## Introduction on Functions of Playback OK Menu

Mode: 

1. Press the  button to enter PLAYBACK screen and select a picture and then press the  button to enter the menu.

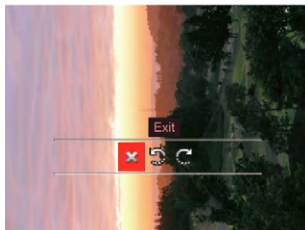
5 options in [Playback OK Menu]:




- Rotate
  - Color
  - HDR
  - Touch-up
  - Resize
2. Press the [  /  ] / [ **▼Info** ] button to select the shooting menu to be set and then press the  button to confirm.
  3. Press the [ **◀AE-L/AF-L** ] / [  /  ] button to select options of the shooting menu to be set and then press the  button to confirm.


Please refer to the sections below to know details of each setting.


### Rotate

You can use this setting to change the orientation of the picture.



-  Exit
-  Turn Left
-  Turn Right

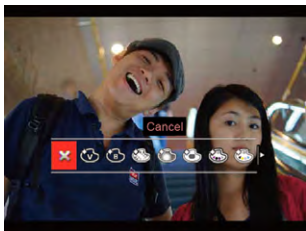
 Videos, Time-lapse Movie and panoramic pictures cannot be rotated.

 The rotated picture file will replace the original photo.

---

## Color

This setting allows you to change the picture color effect. The file is saved as a new photo and stored in memory together with the original photo.

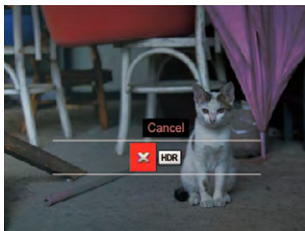


- ✕ Exit
- 📺 Vivid
- 📺 Black and White
- 📺 Dreamy
- 📺 Vignetting


- 📺 Salon
- 📺 Punk (4M)
- 📺 Negative (8M)
- 📺 Reflection
- 📺 Fish Eye
- 📺 4 Grids - Stylish (2M)  
Four combined effects: Fine + Warm Yellow + New Japanese + Cold Green
- 📺 4 Grids - Partial Color (2M)  
Four partial colors of blue, yellow, green and red to form combined effects.

## HDR

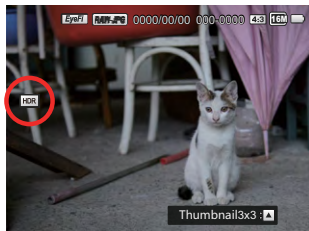
With the HDR function, pictures that are overexposed may be corrected to optimize the highlights and lowlights captured to more accurately represent the actual scene.




- ✕ Exit
- HDR HDR

 HDR is not applicable to panoramic pictures.

Select [ HDR ] with HDR:



 Pictures with HDR touch-up will be saved as new files in the memory together with originals.



## Touch-up

The beauty feature mentioned here is the individual beautification for three effects, beauty mode allows you to select from single, two, or all three effects combined.



- ✕ Exit
- 👁️ Red-Eye Reduction
- 👁️ Skin Soften
- 👁️ Eye Brightening
- 👁️ Eye Enlargement

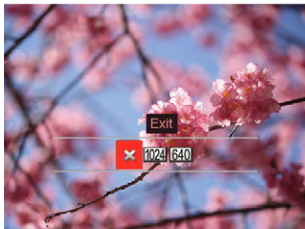
Select [ 👁️ ] with touch-up:







---

## Resize

This setting allows you to resize a picture to a particular resolution and saves it as a new picture.



-  Exit
-  Resize to 1024x768
-  Resize to 640x480

 Only for adjusting pictures with high resolution to those with low resolution.

## Introduction on Playback Menu

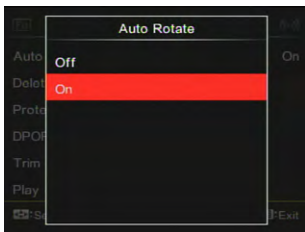
6 options in [ Playback Menu ] :

- Auto Rotate
- Delete
- Protect
- DPOF
- Trim
- Play Slide Show

---

## Auto Rotate

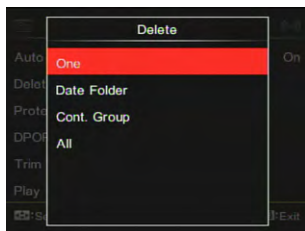
Pictures taken with enabled auto rotate will automatically rotate and always keep obverse in playing them back.





- Off
- On


## Delete

You may delete pictures or video files.



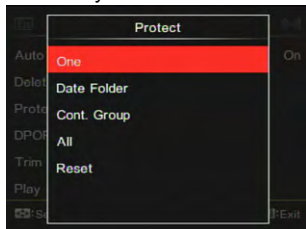
- One  
Delete one photo or video.
- Date Folder  
Delete all photos or videos in the Date Folder.
- Cont. Group  
Delete all photos in the Cont. Photo Folder.
- All  
Delete all photos or videos.

 The  indicator means a file is protected. File protection must be removed first before a file can be deleted.

 When one photo in the Cont. Photo and Date Folders is protected, it will be kept but any other photos will be deleted.

## Protect

You may lock pictures and video files to avoid deletion by mistake.



- One  
Lock the selected photo or video if they are unprotected; unlock the selected photo or video if they are protected.
- Date Folder  
Protect all photos or videos in the Date Folder.
- Cont. Group  
Protect all photos in the Cont. Photo Folder.
- All  
Lock all photos or videos.
- Reset  
Cancel all locked photos or videos.

## DPOF

The DPOF feature allows you to compile and select a group of pictures that you would like to print and will save your selection on the memory card so that you can use the memory card to print without having to individually specify the photos you want to print.



- One
- All
- Reset

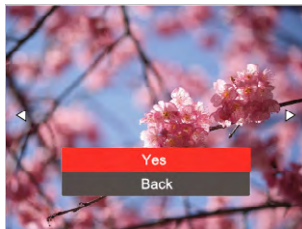


The printer that supports DPOF is needed for printing.

## Trim


The Trim Setting allows you to crop photos and save them as new pictures.


1. Select [ Yes ] to confirm trimming; press the [ **Fn1** ] to select the aspect ratio and press the [ ] / [ **▼Info** ] / [ **◀AE-L/AF-L** ] / [ **▶** ] button to adjust the part you want to trim




2. Press the button and the [ Save change? ] prompt appears. Select [ ] to change and save the picture. Select [ ] to cancel changes and return to the trim prompt screen.

---

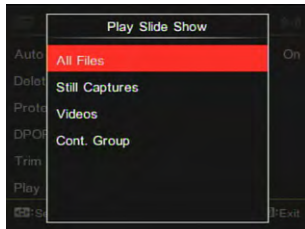
 The image cannot be clipped/trimmed again once it has been clipped to 640X480.

 Videos, RAW files and those under protection cannot be trimmed.

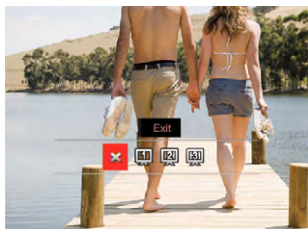
 The picture after trimming cannot be trimmed again.


## Play Slide Show

This setting allows you to view all the stored images as a slideshow.




- All Files: to display and play back all images in memory card.
- Still Captures: to display and play back images of photo files in memory card.
- Videos: to only play back images of videos in memory card.
- Cont. Group: to only play back images arranged by cont. group in memory card.







 If no continuously shot video files are saved in the memory, the camera will give a warning message when you select the mode of continuous group for quick review. Then, the camera will return to the playback mode and cancel changing settings of playback mode of continuous shot.

Press the [ ◀AE-L/AF-L ] / [ ▶▶/⏪/⏩ ] button

to select options to be set and then press the

 button to enter the menu.

-  Exit
-  Type 1: Slow-in and slow-out
-  Type 2: Separate interlacing on the left and right
-  Type 3: Block spread in

Setting of defaults of playback options under each mode:







Menu \ Mode		Playback		
		Static Image	Video Panorama	Video
Rotate	Adjustable?	O	X	X
	Default	Off	Off	Off
Resize	Adjustable?	O	X	X
	Default	Off	Off	Off
Color	Adjustable?	O	X	X
	Default	Off	Off	Off
Touch-up	Adjustable?	O	X	X
	Default	Off	Off	Off
HDR	Adjustable?	O	X	X
	Default	Off	Off	Off
Auto Rotate	Adjustable?	O	O	O
	Default	On	On	On
Delete	Adjustable?	O	O	O
	Default	One	One	One

Menu \ Mode		Playback		
		Static Image	Video Panorama	Video
Slide Show Play Type	Adjustable?	O	O	O
	Default	All Images	All Images	All Images
Slide Show Play Effect	Adjustable?	O	O	O
	Default	Effect 1	Effect 1	Effect 1
Protect	Adjustable?	O	O	O
	Default	One	One	One
DPOF	Adjustable?	O	O	X
	Default	One	One	One
Trim	Adjustable?	O	X	X
	Default	Back	Back	Back



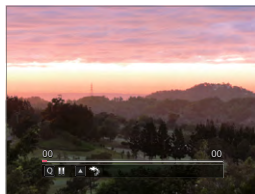
## Continuous Capture Group Playback

Playback of Images in Fast (4M) Continuous Group:

1. Press the  button to enter playback screen.
2. Press the [  AE-L/AF-L ] / [   /  ] button to select pictures in continuous group.
3. Press the  button to start playback.





Cont. Group







Playing



Pause

	Pause
	Cancel Play (back to full size playback for continuous group)







Playing

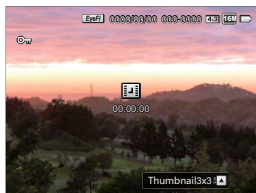
	Play
	Previous photo (loop available only in continuous group)
	Next photo (loop available only in continuous group)
	Cancel Play (back to full size playback for continuous group)

Pause

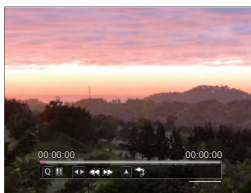
## Time-lapse Movie Playback

For playing back time-lapse movie in continuous group:

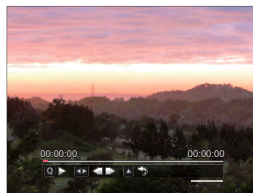
1. Press the  button to enter playback mode.
2. Press the [  AE-L/AF-L ] / [   /  ] button to select time-lapse pictures.
3. Press the  button to start playing back.







Time-lapse Movie



Playing



Pause

	Pause
	Rewind
	Fast Forward
	Cancel Play







Playing

	Play
	Frame Backward
	Frame Forward
	Cancel Play

Pause

## Animation panorama play

Panoramic animation playing is to play full size image in accordance with the shooting direction. After playing, it will automatically return to the static screen of panoramic image.

1. Press the  button to enter playback screen.
2. Press the [  AE-L/AF-L ] / [   /  ] button to select panorama videos.
3. Press the  key to play in selected shooting direction.





Video Panorama





Playing



Pause










	Pause
	Cancel Play

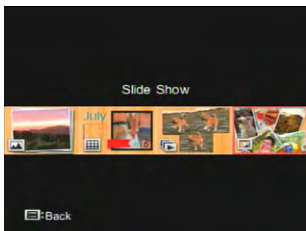
 In the process of panoramic animation playback, press the  key to stop playing and return to the playback screen.






 Gravity induction will not be detected during panorama play or pause.

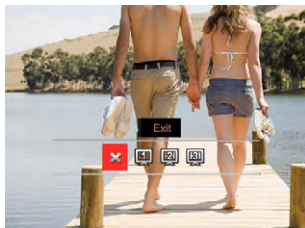
## Slideshow

This setting allows you to view all the stored images as a slideshow.

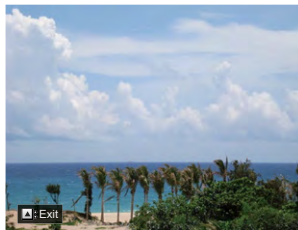
1. Press the  button to enter playback screen.
2. Press the [  /  ] button to switch displaying 3x3 and then press the  button to select the index mode.
3. Press the [  AE-L/AF-L ] / [  /  /  ] button to select slide show playback and then press the  button to confirm.



4. Press the [  AE-L/AF-L ] / [  /  /  ] button to select play effect and then press the  button to confirm.



Slide Show



Playing