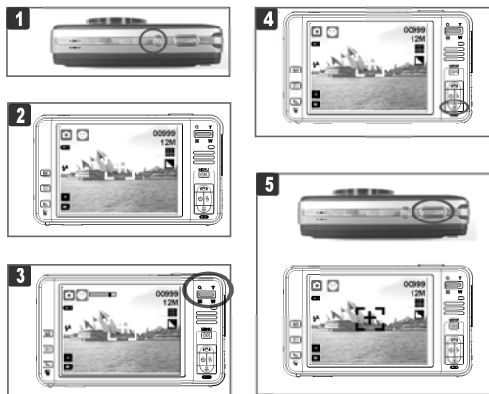


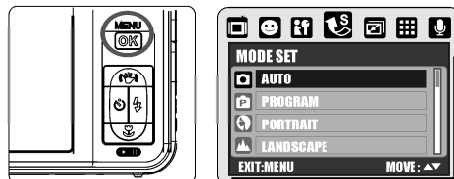
Still Image Mode

Shooting

1. Press the Power Button to turn on the camera.
2. Make sure the camera is set at Still Image Shooting Mode.
3. Use Tele/Wide Button to zoom in and zoom out.
4. Press the Macro Button () if required (closer than 60cm).
5. Press the Shutter Button halfway for focusing and then press the Shutter Button fully down to capture the image.



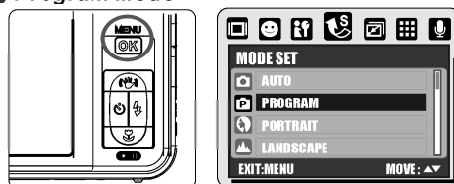
Auto Mode



Under this mode the following settings will be automatically locked at the factory default settings and cannot be adjusted.

- (a). Metering: Multi
 - (b). Sharpness: Normal
 - (c). Effect: Normal
 - (d). Shooting (Continuous Shooting): Single
 - (e). Flash: (1) Auto Flash (2) Red-eye Reduction
- (3) Flash Off are available.

Program Mode

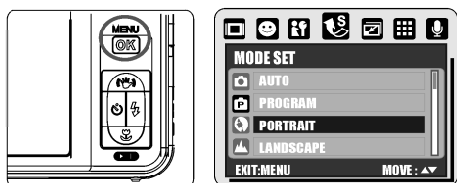


- ✦ After the above procedure, you can press the Menu/OK Button again to set up your own settings for the image.
- ✦ In program mode, the Metering, Shooting, Sharpness, Effect, Frame, OSD Information, Face Detection, WB, ISO, Exposure can be adjusted.

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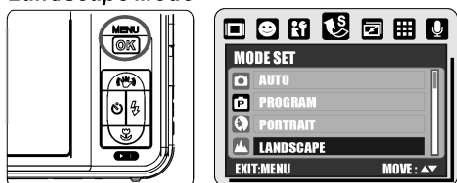
Still Image Mode

Portrait Mode



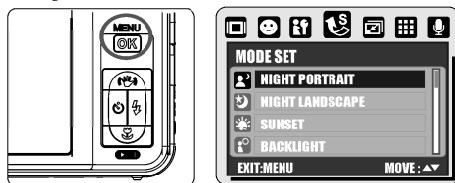
- ✦ Under this mode the settings will be locked up as below.
- (a). Metering: Spot
 - (b). Sharpness: Normal
 - (c). Shooting (Continuous Shooting): Single
 - (d). Flash: (1) Auto Flash (2) Red-eye Reduction
- (3) Flash Off are available.

Landscape Mode



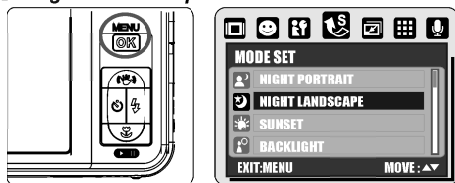
- ✦ Under this mode the settings will be locked up as below.
- (a). Metering: Multi
 - (b). Sharpness: Normal
 - (c). Effect: Normal
 - (d). Shooting (Continuous Shooting): Single
 - (e). Flash: (1) Auto Flash (2) Red-eye Reduction
- (3) Flash Off are available.

Night Portrait Mode



- ✦ Under this mode the settings will be locked up as below.
- (a). Metering: Multi
 - (b). Sharpness: Normal
 - (c). Effect: Normal
 - (d). Shooting (Continuous Shooting): Single
 - (e). Flash: (1) Slow Sync (2) Flash Off

Night Landscape Mode

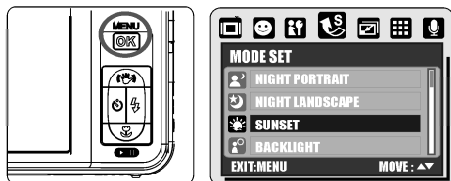


- ✦ Under this mode the settings will be locked up as below.
- (a). Metering: Multi
 - (b). Sharpness: Normal
 - (c). Effect: Normal
 - (d). White Balance: Auto
 - (e). Shooting (Continuous Shooting): Single
 - (f). Flash: (1) Slow Sync (2) Flash Off are available

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Still Image Mode

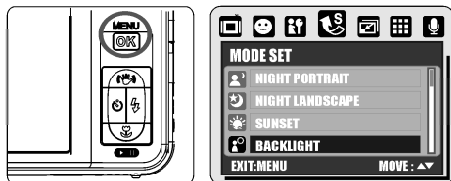
Sunset Mode



† Under this mode the settings will be locked up as below.

- (a) Metering :Multi
- (b) Sharpness :Normal
- (c) Effect :Normal
- (d) White Balance: Sunset
- (e) Shooting(Continuous Shooting) :Single
- (f) Flash :Off

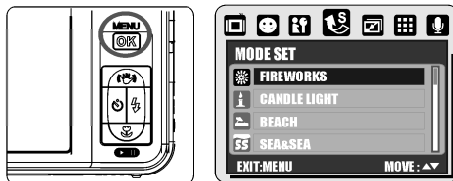
Backlight Mode



† Under this mode the settings will be locked up as below.

- (a) Metering :Spot
- (b) Sharpness :Normal
- (c) Effect :Normal
- (d) Shooting(Continuous Shooting) :Single
- (e) Flash : Fill-In

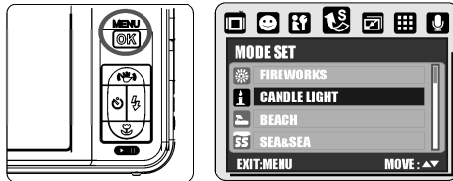
Fireworks Mode



† Under this mode the settings will be locked up as below.

- (a) Metering :Multi
- (b) Sharpness :Normal
- (c) Effect :Normal
- (d) White Balance: Daylight
- (e) Shooting(Continuous Shooting) :Single
- (f) Flash :Off

Candle Light Mode



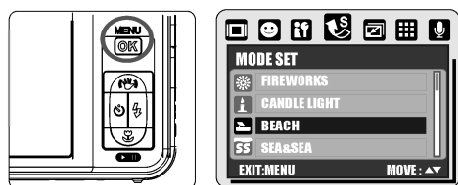
† Under this mode the settings will be locked up as below.

- (a) Metering :Multi
- (b) Sharpness :Soft
- (c) Effect :Normal
- (d) White Balance: Daylight
- (e) Shooting(Continuous Shooting) :Single
- (f) Flash :Off

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Still Image Mode

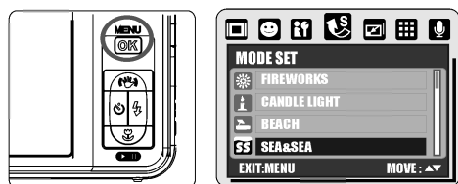
Beach Mode



† Under this mode the settings will be locked up as below.

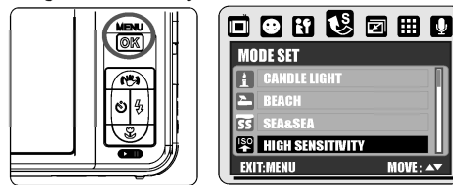
- (a) Metering :Multi
- (b) Sharpness :Normal
- (c) Effect :Normal
- (d) Shooting(Continuous Shooting) :Single
- (e) Flash :Off

SEA & SEA Mode



† Use when taking picture underwater.

High-Sensitivity mode



† Under this mode the settings will be locked up as below.

- (a) Metering :Multi
- (b) Sharpness :Soft
- (c) Effect :Normal
- (d) Shooting(Continuous Shooting) :Single
- (e) Flash : Off

Menu Mode

Mode Set



Operation Steps

1. MENU
2. > or <
3. < or >
4. OK

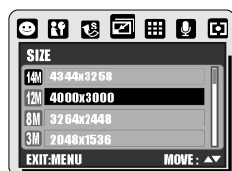
† This feature is for you to choose the scene of the image from the following options.

- (A) Auto
- (P) Program
- (N) Portrait
- (L) Landscape
- (S) Night Portrait
- (N) Night Landscape
- (S) Sunset
- (F) BackLight
- (S) Fireworks
- (I) Candle Light
- (B) Beach
- (S) SEA&SEA
- (S) High Sensitivity

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Still Image Mode

IMAGE SIZE (Default : 12M)

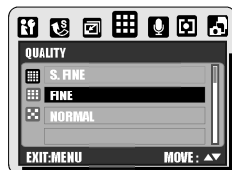


Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

+ This feature is for you to choose the image resolution.

(14M) 4344 x 3258 (by interpolation)
(12M) 4000 x 3000
(8M) 3264 x 2448
(3M) 2048 x 1536
(1M) 1280 x 960

QUALITY (Image Quality) (Default : FINE)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

+ This feature is for you to choose the scenes are for image&video from the following options.

(S) S. FINE (Super Fine)
(F) FINE
(N) NORMAL

VOICE MEMO (Default : OFF)

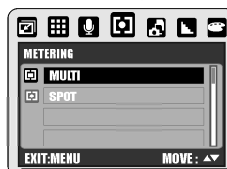


Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

+ There are 2 ways to add the voice memo to an image:

- At Mode
 - Press OK/Menu Button and choose "VOICE MEMO"
 - Choose "SINGLE" to enable a voice memo for this image you are going to take or choose "CONTINUOUS" to have voice memos for the images from now on (you can cancel the voice memo function by choosing "OFF").
 - 10 seconds of voice memo will be recorded.
- At Playback Mode (P)
 - Choose the image to which you wish to add a voice memo.
 - Press Up Button and press the video clip recording Button to start the voice memo.
 - 10 seconds of voice memo will be recorded.

METERING (Default : MULTI)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

This feature can only be used under Program Mode. With Metering Setting, you can get more superior exposure condition and take a picture with brightness.

+ Multi Metering:

Exposure will be evaluated according to the average of the available light sources in the image area. This is suitable for general use.

+ Spot Metering:

If the subject is against the light source or has little contrast, you can use this function to have the subject be brighter.

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Still Image Mode

SHOOTING (Default : SINGLE)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

- SINGLE: No continuous shooting.
- CONTINUOUS: You can have the continuous shooting function starting by pressing the Shutter Button and on hold and ending by letting go of the Shutter Button.

Note:
The continuous shooting function will not be canceled until "SINGLE" is chosen.

SHARPNESS (Default : NORMAL)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

	SOFT	This effect can make the edge of the captured image look smoother, which is suitable for image editing on PC.
	NORMAL	This effect can make the edge of the captured image look sharp, which is suitable for printing out.
	VIVID	This effect can make the edges of your captured image look sharper but may result in more image noise.

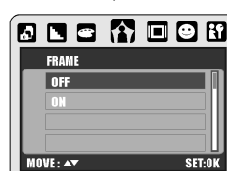
EFFECT (Default : NORMAL)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

Normal		No special effect is added to the picture.	SEPIA		Turn the image into yellowish brown.
B & W		Turn the image into black and white.	NEGATIVE		Turn the image into negative film effect.

FRAME (Default : OFF)



Operation Steps			
1. MENU	2. > or <		
3. > or <	4. OK		

- You can put the selected photo frame to the image you capture.
- Cancel the Photo Frame function after use if you prefer the next image not to be with Photo Frame.

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Still Image Mode

OSD Information(Default:DETAIL)



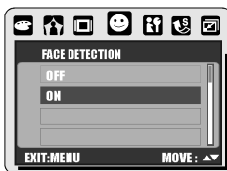
Operation Steps			
1. MENU	2. ▶ or ◀		
3. ▲ or ▼	4. OK		

- There are 5 options for the OSD information.
- 1.OFF: No OSD information is displayed.
- 2.BASIC: Only basic information is displayed.
- 3.DETAIL: Detailed information is displayed.
- 4.GRID 3X3: Grid lines for 9 grids will show on the LCD Monitor for you to compose the image.
- 5.GRID 6X4: Grid lines for 24 grids will show on the LCD Monitor for you to compose the image.

Note

Please choose "OFF" to cancel the grid lines if you prefer not to use them for the next image.

FACE DETECTION (Default : ON)



Operation Steps			
1. MENU	2. ▶ or ◀		
3. ▲ or ▼	4. OK		

What You Should Know Before Using Face Detection

Face Detection allows you to focus on human faces. It is effective with the camera held horizontally or vertically.

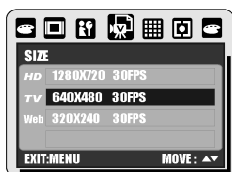
- Face Detection can only be used with still image.
- Face Detection is effective within a distance of 2.5m.
- Subjects not suitable for Face Detection:
 - The face is obscured by glasses, a hat or hair.
 - A person turned sideways, or who has their head tilted.
 - The subject is too far to recognize a face.

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Movie Clip Mode

Please press the Mode Button (M) and choose Movie Clip Mode ().

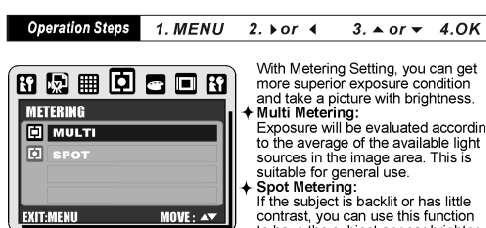
Video Size (Default:640x480 30FPS)



Operation Steps			
1. MENU	2. ▶ or ◀		
3. ▲ or ▼	4. OK		

- The video size options are provided as follows:
 - 1280 x 720 30FPS
 - 640 x 480 30FPS
 - 320 x 240 30FPS

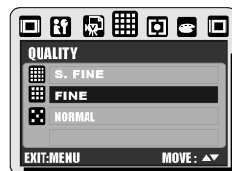
Metering (Default:MULTI)



With Metering Setting, you can get more superior exposure condition and take a picture with brightness.

- Multi Metering:** Exposure will be evaluated according to the average of the available light sources in the image area. This is suitable for general use.
- Spot Metering:** If the subject is backlit or has little contrast, you can use this function to have the subject appear brighter.

QUALITY (Image Quality) (Default : FINE)

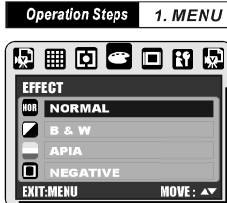


Operation Steps			
1. MENU	2. ▶ or ◀		
3. ▲ or ▼	4. OK		

This feature is for you to choose the scenes are for image&video from the following options.

- S. FINE (Super Fine)
- FINE
- NORMAL

Effect (Default: NORMAL)



Operation Steps			
1. MENU	2. ▶ or ◀	3. ▲ or ▼	4. OK
Normal	<input checked="" type="checkbox"/>	No special effect is added to the picture.	
B & W	<input type="checkbox"/>	Turn the image into black and white.	
SEPIA	<input type="checkbox"/>	Turn the image into yellowish brown.	
NEGATIVE	<input type="checkbox"/>	Turn the image into negative film effect.	

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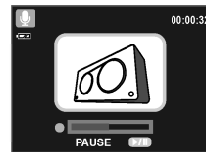
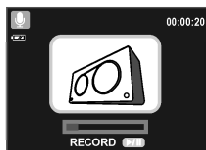
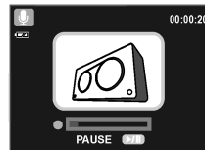
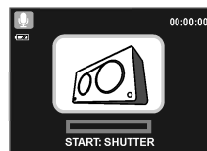
OSD Information (Default:DETAIL)



Operation Steps

1. MENU 2. > or <
3. < or > 4. OK

- ✦ There are 3 options for the OSD information.
- 1.OFF: No OSD information is required.
 - 2.BASIC: Only basic information is required.
 - 3.DETAIL:Detailed information is required.



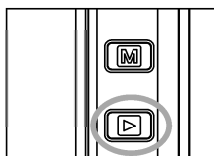
1. Press the Mode Button and choose Voice Recording Mode ().
2. Press the Shutter Button to start the recording and press the Shutter Button again if you'd like to stop the recording.
3. Press the Play/Pause Button () during the recording can put the recording on hold and press the same button again and re-activate the recording.

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Playback Mode()

To playback Still Image, Movie clips and Audio Clips,Please press Playback Button () and the camera will show the stored still images, movie clips and audio clips (voice recording). Use the Right and Left Button to choose the file you would like to play.

Operation Steps 1. > 2. > or < 3. < or >



1. Still Image

Still images are the images with no special signs such like () and (). () represents that the images are with voice memos.

2. Movie Clip: Movie clips are the ones with ().

3. Audio Clip (voice recording): Audio clips are the ones with ().

Protect



✦ Set Selected Image(s) With Protection

- 1 Press the OK/Menu Button and choose "PROTECT".
- 2 Choose "SELECT" and press OK/Menu Button.
- 3 Choose one image and press T Button ().
- 4 Choose another image and press T Button () or W Button (). () will show on the TFT LCD Monitor when the protection is set.
- 5 Press OK/Menu Button to confirm the request for the protection of the selected image(s).
- 6 To cancel the protection, please press T Button () or W Button ().

✦ Set All Images With Protection

1. Press the OK/Menu Button and choose "PROTECT".
2. Choose "ALL" and press OK/Menu Button to confirm the request. () will show on the TFT LCD Monitor when the protection is set.
3. To cancel the protection, please press T Button () and W Button ().

Slide

- ✦ Press Menu/OK Button to enter the menu and choose SLIDE.
- ✦ There are three options in this feature which are:



■ SHOW

This option is to start the slideshow after you set up the settings of INTERVAL and EFFECT. In this option you can also choose to play the slideshow just once or repeatedly.

■ INTERVAL

This option is to choose the interval time between each still image.

■ EFFECT

This option is to choose the effect of the slideshow.

Note

After you complete the setting of INTERVAL and EFFECT, please go to SHOW and select PLAY/ REPEAT to start the slideshow.

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Playback Mode

Delete



Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

You can delete the selected image(s) or all images with this function. Please press OK/Menu Button and choose "DELETE" and following the steps below.

✦ Delete Single Image

1. Select the image you'd like to delete and press the Delete Button (🗑️).
2. Select "YES" to proceed or select "NO" to cancel the request.

✦ Delete All Image(s)

1. Choose "ALL" and press the OK/Menu Button.
2. Choose "YES" to confirm the deleting request or choose "NO" to cancel the request. Press the OK/Menu Button again to proceed.

Resize



Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

Rotate



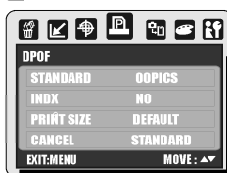
Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

With this setting you can rotate the image RIGHT 90°, LEFT 90°, 180°, HORIZONTAL and VERTICAL.

1. Choose the image you would like to rotate
2. Press OK/Menu Button and choose "ROTATE".
3. Choose the rotation you prefer and press OK/Menu Button.
4. The image after rotation will be stored as a new image.

DPOF



Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

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Playback Mode

✦ This function can only be used when a memory card is inserted.

This option allows you to put the print quantity (MAX. 30 pcs) on your memory card.

- [ONE PIC] - specifies the number of copies for a selected image and you can press LEFT/RIGHT Button to go to next image.
- [ALL PICS] - specifies the number of copies for all pictures apart from movie clips and voice recording files.

Note: You cannot see the "PRINT" function on the TFT LCD Monitor if a memory card is not inserted.

COPY TO CARD

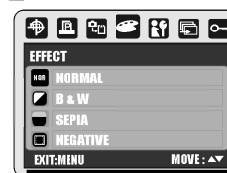


Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

This function allows you to copy the images stored in the internal flash memory into the memory card.

EFFECT



Operation Steps

1. OK / MENU
2. > or <
3. ▲ or ▼

✦ This function allows you to set an image with special effect.

1. Choose the image you would like to set with a special effect.
2. Press OK/Menu Button and choose "EFFECT".
3. Choose the special effect you prefer and press OK/Menu Button.
4. The image with the special effect will be stored as a new image.

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