

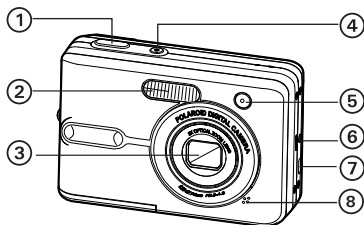


User Guide

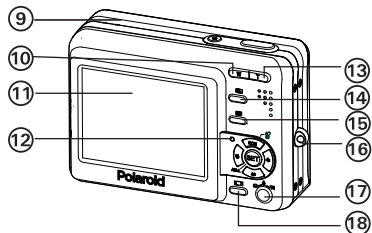
i639 6.0 Megapixels Digital Camera

Product Overview

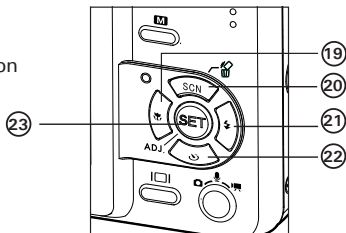
1. Shutter button
2. Flash
3. Lens
4. Power button
5. Self-timer LED
6. DC IN jack
7. USB / AV - OUT port
8. Microphone



9. Speaker
10. Zoom out / Thumbnail button
11. LCD Screen
12. Power / Auto Focus LED
13. Zoom in button
14. Playback mode button
15. Menu button
16. Wrist strap holder
17. Mode button
18. Display button



- 19. Macro / Left button
- 20. Scene mode / Erase / Up button
- 21. Flash / Right button
- 22. Self-time / Continuous / Down button
- 23. Set / Adjust button



-
- 24. Tripod mount
 - 25. Battery / SD card door

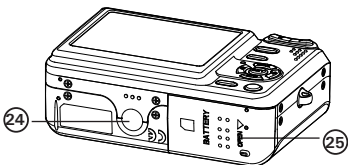


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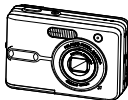
1 Getting Started

Thank you for selecting the new Polaroid i639 digital camera for your imaging needs. The i639 comes equipped with a powerful 6.0 Megapixels CCD sensor, 2.4-inch bright color TFT LCD, high quality optics and many manual settings and options.

Outstanding features that your i639 digital camera has:

- A high quality glass lens system for exposures from 2.6 inches to infinity including 3 times optical and 4 times digital zoom modes.
- Built-in flash with five modes (off, on, red-eye reduction, Slow Sync and auto).
- Free to edit your images and print your pictures by DPOF.
- Large 2.4 inch LCD screen for easier image preview and review.
- Convenient multiple shooting modes for more accurate reproduction of pictures.

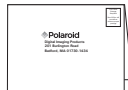
• Camera Package Contents



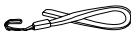
i639



Quick Start Guide



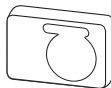
Registration Card



Wrist Strap



The CD-ROM includes
Polaroid i639 Camera Driver (PC)
ArcSoft PhotoStudio® 5.5 (PC)
ArcSoft PhotoStudio® 4.3 (Mac)
ArcSoft VideoImpression® 2 (PC & Mac)
Adobe® Acrobat® Reader™ (PC & Mac)
User Guide (in PDF format)



Skin



AA Batteries

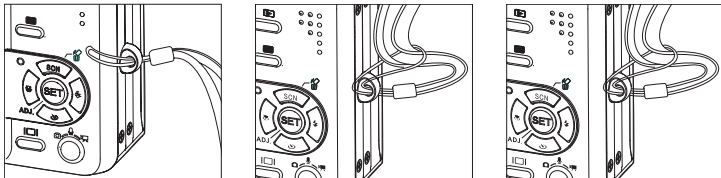


USB Cable



Video Cable

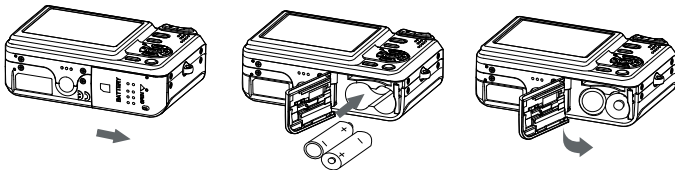
• Attaching the Wrist Strap



• Installing the Batteries

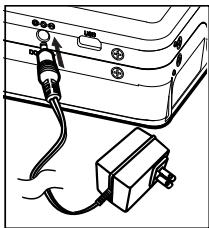
Two AA-size batteries are supplied with the product. For a detailed guideline on battery usage, please see "Using Your Batteries" on page 104.

1. Open the camera battery door by pushing it outwards as illustrated.
2. Insert the batteries as shown, ensuring you follow the +/- signs correctly.
3. Close the battery door by pressing it downwards and then sliding it towards the camera to lock.



• Connecting the AC Adapter (Optional)



Turn off the camera before connecting or disconnecting the adapter. Connect the plug to the camera as shown and connect the adapter to the household power outlet. The camera automatically switches over to AC adapter powered operation. The AC adapter can be used with or without the battery in place.



IMPORTANT!

We recommend the user to use the AC adapter (optional, 3.3V/2.0A) to power the camera whenever connected to a computer.

• Turning the Camera On and Off

1. Press and hold the  (POWER) button until the LCD screen is activated.
2. Press the  (POWER) button again to turn the power off.




• **Checking the Battery Level**

Check the battery power level before taking pictures.

1. Turn on the camera.
2. Check the battery power level that appears on the LCD screen.

 Battery power is full.

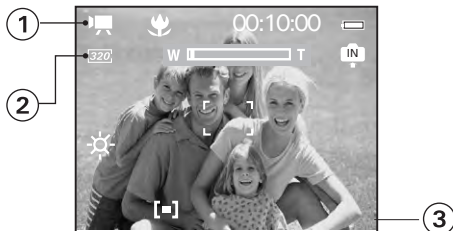
 Battery power is adequate.


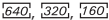
 Battery power is exhausted. Please replace the battery.



No.	Description	Icon	Ref. Page
5	Quality		43
6	Sharpness		44
7	White balance		47
8	ISO Sensitivity	AUTO	48
9	Exposure Compensation Value		49
10	Self-timer		38
	Continuous Pictures		39
11	Battery Power Level		11
12	Internal Memory		---
	SD Card		---
13	Optical & Digital Zoom Bar	w T	41
	Digital Zoom Factor	X 1.0 X 4.0	40
14	Focus Mark		---
15	Shake Warning		
16	Number of Remaining Pictures	200	---
17	Shutter Speed	8", 5.6", 4", 2.8", 2", 1.4" 1", 0.7", 1/2, 1/3, 1/4, 1/5, 1/8, 1/11, 1/16, 1/23, 1/30, 1/42, 1/ 60, 1/85, 1/125, 1/177, 1/250, 1/354, 1/500, 1/707, 1/1000, 1/1414, 1/2000	
18	Aperture Value	F2.8, F3.2, F3.6, F4.0, F4.5, F5.1, F5.7, F6.4	
19	Light Metering		


Video Mode



No.	Description	Icon	Ref. Page
1	Video Mode		50
2	Video Size		51
3	Remaining Recording Time	00:01:03	---

Audio Mode



No.	Description	Icon	Ref. Page
1	Audio mode		52
2	Remaining Recording Time	00:00:13	---

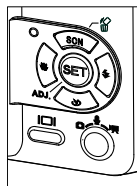
Playback Mode



No.	Description	Icon	Ref. Page
1	Playback mode		---54
2	Audio Clip Length	00:02:10	---
3	Date	2005/08/01	---
4	Time	18:39	---
5	File Number	4/9	---
6	Video Clip Length	00:01:20	---

• Camera Modes

The camera has two working modes, Capture mode and Playback mode. Pressing the PLAYBACK button switches between the Capture mode and Playback mode.



Capture Mode

Under this mode, you can record still images, video and audio clips. This mode allows selecting the image and video settings according to the shooting environment. For more details, refer to “Taking Pictures” on page 32, “Recording Video Clips” on page 50 and “Recording Audio Clips” on page 52.

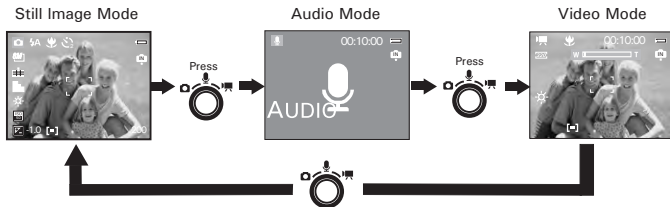
Playback Mode

This mode allows the review, rotation, protection or deletion of pictures and video clips from the camera. **You also can add a voice memo to a picture.** For more details, please refer to “Managing Pictures and Video Clips” on page 54.

• Capture Modes

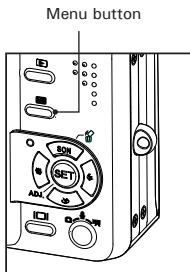
The camera has three modes for recording still images, video clips and audio clips.








Pressing the  button cycles through these three modes.

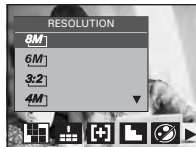


• How to Navigate Menus

Menus are used to select capture and play settings, as well as other camera settings like the Date/Time and Auto Power Off.









1. Press the  or  button to enter a menu bar and press it again to exit.
2. Press the  and  buttons to scroll left and right through the menu bar.
3. Press the  and  buttons to scroll up and down through menu options.
4. Press the  button to enter a submenu or confirm your choice.

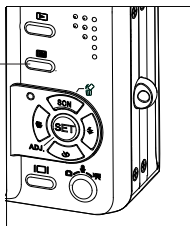


• Setup Menu

You can change the basic settings of the camera in Capture mode and Playback mode






1. Press the  button.
2. Press the  or  button to choose  (SETUP).
3. Press the  button to enter the setup menu.
4. Press the  button to exit the setup menu.

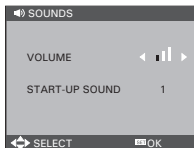
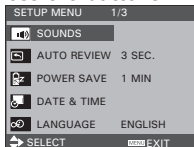
Menu button









• Adjusting the Beep Sound Volume

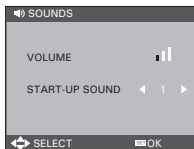
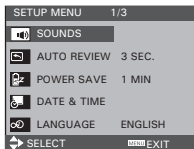
You can turn the beep sound on and off in Setup mode. When the beep sound is turned on, the camera will beep when you press the buttons.

1. Access the setup menu.
2.  (SOUNDS) is the current selection.
3. Press the  button.
4. "VOLUME" is the current selection.
5. Press the  or  button to select the desired setting
6. Press the  button.



• Selecting start-up Sound

1. Access the setup menu.
2.  (SOUNDS) is the current selection.
3. Press  button.
4. Press the  button to select "START-UP SOUND".
5. Press the  or  button to select the desired setting.
6. Press the  button.










NOTE:

This setting is also available in  (Video) and  (Playback) modes.

• Selecting Auto Review Period

When the auto review feature is activated, the picture just taken will be shown on the LCD screen for a certain period.

1. Access the setup menu.
2. Press the  or  button to select  (AUTO REVIEW).
3. Press the  button.
4. Press the  or  button to select the desired setting.
5. Press  button.

OFF The auto review feature is not activated.

3 SEC/5 SEC The picture just taken will be shown on the LCD screen for a certain period.










NOTE:

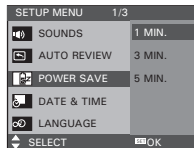
This setting is also available in  (Video) mode.



• Power Saving Settings

The camera performs the following power save operation to conserve battery power.

1. Access the setup menu.
2. Press the  or  button to select  (POWER SAVE).
3. Press the  button.
4. Press  or  to select the desired setting.
5. Press the  button.













1/3/5 MIN The camera is designed to switch off automatically to save battery life after the specified period of inactivity.



NOTE:

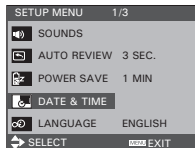
This setting is also available in  (Video) and  (Playback) modes.

• Setting the Date and Time

1. Access the setup menu.
2. Press  or  button to select  (DATE & TIME).
3. Press  button.
4. Press the  or  button to select a field, such year, month, day, hour, minute, and date format.
5. Press  or  button to adjust the value in the field and select the date format.
6. Press the  button.
7. Press the  button to exit the menu.









NOTE:

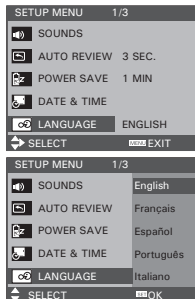
- If the batteries are removed for about two days, the TIME setting will be lost.
- This setting is also available in  (Video) and  (Playback) modes.



• Setting the Display Language







Under this setting, you can select the language you prefer for the LCD screen.

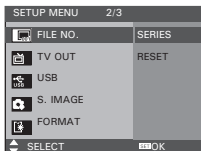
1. Access the setup menu.
2. Press the  or  button to select  (LANGUAGE).
3. Press the  button.
4. Press the  or  button to select the desired setting.
5. Press  button.
6. Press the  button to exit the menu.



• File No. Reset Setting

Setting the file numbers in series for all taken picture on the internal memory or a memory card avoids the file name duplication when images are downloaded to a computer.

1. Access the setup menu.
2. Press the  or  to select  CON (FILE NO.).
3. Press the  button.
4. Press the  or  button to select the desired setting.



SERIES	The file number of a newly-captured picture will continue from the last number used.
RESET	The picture file number starts from 0001

5. Press the  button.

• Choosing a Startup Image

A start-up animation image appears on the LCD screen for a few seconds when the camera is turned on.

You can choose a recorded image in your camera as your own startup image:

1. Set the camera to Playback mode.

2. Press the  or  button to select a desired image.

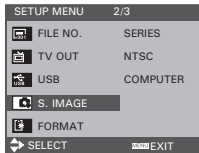
3. Press the  button.

4. Press the  or  button to select  (S.IMAGE).

5. Press the  button.

6. Access the setup menu.

7. Press the  or  button to select  (S.IMAGE).



8. Press the  button.

9. Press the  or  button to select the desired picture.

10. Press  button.

The image that you choose will be stored in the directory as a startup image.

11. Press the  button to exit the menu.







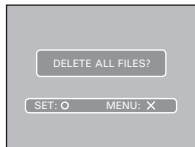
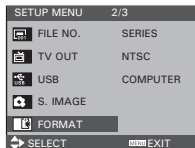
NOTE:

The startup image will not be deleted even if the original image is deleted or memory is formatted.



• Formatting the Internal Memory

Formatting the internal memory deletes all data stored in it.

1. Access the setup menu.
2. Press  or  to select  (FORMAT).
3. Press  button.



NOTE:

- Data deleted by a format operation is not recoverable. Make sure you do not have any useful data currently stored in the internal memory before you format it.
- Formatting the internal memory destroys all the pictures, even those are protected.
- With a memory card inserted, the above operation would format the inserted memory card only. The internal memory will not be formatted .
- This setting is also available in  (Video) and  (Playback) modes.

• Resetting to Default Settings

You can easily change all the settings you made back to the camera default setting by the following steps.

Please refer to “Camera Default Settings” on page 105 for more details.

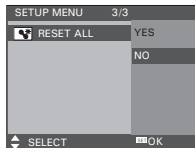
1. Access the setup menu.

2. Press  or  to select  (RESET ALL).

3. Press the  button.

4. Press  or  to select “YES”.

5. Press the  button.




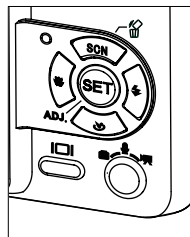
NOTE:

The following settings do not change with this procedure:

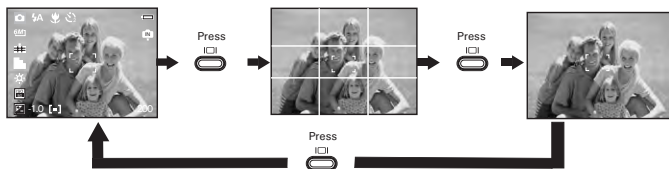
- Date & Time setting
- Language setting
- TV out setting

• Turning the Information Display On/Off

Press the  button each time switches the LCD screen to the next display mode in the following mode.



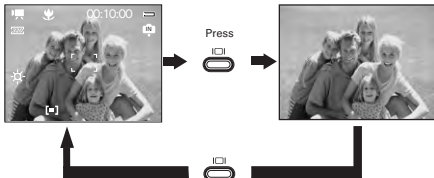
Still Image Mode



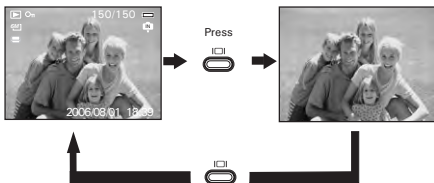
About Crossing Lines

The crossing lines on the LCD helps check and lock the location of your subject when you frame it on the LCD screen.

Video Mode



Playback Mode



3 Taking Pictures

Before you take pictures, please read this note first:



NOTE:

Never remove the batteries, disconnect the AC adapter from the camera, or unplug the adapter while a picture is being saved. Doing so will prevent the current picture from being saved and may corrupt other pictures already stored on the camera's internal memory or a memory card.

• **Taking Pictures in Normal Mode**

Take a single picture at approximately 2.6 inches to infinity (80 cm to infinity).



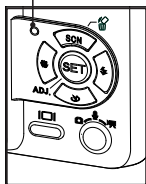
NOTE:

Most settings are saved by the camera when the power is turned off so that the same setting is automatically available when the power is turned on again. Make sure you verify your settings when turning the camera on again.

1. Set the camera to the Still Image mode.
2. Frame your subject using the LCD screen.

3. Press the Shutter button halfway to set the exposure and focus. The camera automatically detects the subject. The camera highlights the focus mark in green and the Auto Focus LED remains steady on, indicating the camera focus is locked on the subject.

Auto Focus LED




Focus mark

Aperture value

Shutter speed



NOTE:



-  (Still Image) mode is the capture mode by default.
 - When the camera highlights the focus mark in red and the Auto Focus LED remains blinks, there is difficulty in focusing the subject. Release the Shutter button, recompose the scene and press the Shutter button halfway to reset the focus.
 - The LCD screen will show you the aperture value and shutter speed at which you take the picture.
4. Hold the camera steadily and slowly press the shutter button down to take your image.

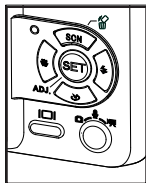
• Taking Pictures in Macro Mode

Use this mode to capture subjects this close to the lens:

Wide End: 0.2 ~ 3.2 ft (5 cm ~ 1 m)


Telephoto: 1.6 ~ 3.2 ft (50 cm ~ 1 m)

1. Set the camera to Still Image mode.
2. Press the  button and the  icon appears on the LCD screen.
3. Capture procedures are the same as for taking a picture in the normal capture mode. See page 32.




















• Taking Pictures in Different Scene Shooting Modes

Select a mode that is suitable to your shooting conditions:

1. Set the camera to Still Image mode.
2. Press the  button to show the scene shooting mode screen.



Display	Option	Description
	PROGRAM	For taking general pictures
	PROTRAIT	Blurring the background to focus on the subject
	LANDSCAPE	Used for the wide scenic views
	NIGHT SCENE	Shooting the subject while keeping the background night scenery
	KIDS	Take a still image to capture moving kids
	BEACH&SNOW	Used for the beach or snow scenery
	BACKLIGHT	Shooting the image of backlight object by changing metering
	SUNSET	Enhance the red hue for recording sunset images
	CLOSE-UP	Close-up shooting for small subject
	TEXT	Enhance the black&white contrast
	SPORTS	Fast shutter speed to capture fast moving subjects
	FIREWORKS	Slow shutter speed to take fireworks exploding


3. Press the , , , or  button to select the desired setting.
4. Press the  button.
5. Capture procedures are the same as for taking a picture in the normal Capture mode. See page 32.

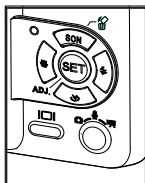
• Setting Flash Mode

Flash Range:






Wide: 0.2 ~ 8.6 ft (5 cm ~ 2.6 m)

Telephoto: 1.6 ~ 5 ft (50 cm ~ 1.5 m)

1. Set the camera to Still Image mode.
2. Press the  button to cycle through the flash settings and select the one you need. The icon (according to the flash setting you selected) will appear on the LCD screen.



The camera has five flash modes (default setting is Auto Flash). Use the flash when you take pictures at night, indoors, or outdoors in heavy shadows.

Display	Option	Description
	Auto flash	The flash fires automatically as needed. Use this setting to take most pictures.
	Red-eye Reduction	The flash fires for every picture and the flash pre-strobes before shooting to reduce red-eye phenomenon.
	Flash Always	The flash fires for every picture. Use this setting in high-contrast situations to provide fill-light or use it indoors in low light.
	slow sync	The flash fires regardless of the surrounding brightness. In low light conditions, slow shutter speed provides better lighting of the background that is out of range of the flash.
	Flash Off	The flash does not fire. Use this setting for outdoor pictures or where flash is prohibited or may be distracting. Also use when shooting toward a reflective surface, such as a window or mirror. If you do not have enough light when using this setting, your pictures will be too dark.





NOTE:

- Flash modes are only used in still image shooting.
- Never touch or block the flash with your fingers.


•Taking Continuous Pictures

Continuous pictures mode lets you take up to 4 pictures in quick succession.

1. Set the camera to Still Image mode.
2. Press  button repeatedly until the  icon appears on the LCD screen.
3. Capture procedures are the same as for taking a picture in the normal capture mode. See page 32.



NOTE:

- The flash is automatically disabled in the  (Continuous) mode.
- This function is not available to resolution 8M.



• Zoom Feature

There are two types of zoom in this camera: optical zoom and digital zoom. Optical zoom alters the focal distance of the lens zoom, and its factor range is 1X to 3X. Digital zoom is activated after you reach the maximum optical zoom (3X). It enlarges the part of the image at the centre of the image screen. Digital zoom factor range is 1X to 4X. These zoom features let you zoom in the central area of an image and photograph only the enlarged portion of the picture.






NOTE:

- Using the digital zoom may cause a decrease in image quality.
- Zoom feature is not available during the recording of video clips.

Turn Digital Zoom On/Off

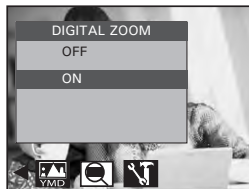
1. Set the camera to Still Image mode.

2. Press the  button.

3. Press  or  button to select ICON  (DIGITAL ZOOM).

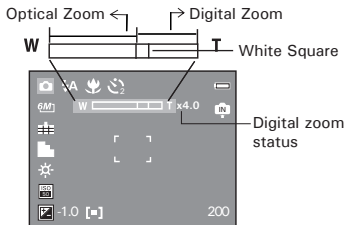
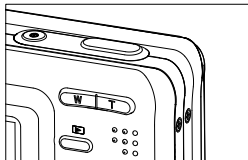
4. Press  or  button to select the desired setting.

5. Press the  button.



To Zoom In and Out

1. Set the camera to Still Image mode.
2. Press the **T** to zoom in the subject, or press the **W** button to return to original zoom status. While you press the **T** or **W** buttons, a red square will show on the zoom status bar as illustrated. The white square in the bar indicates the zoom status. "T" stands for "Tele" and "W" stands for "Wide". Keep the **T** button pressed, and the camera switches from optical zoom to digital zoom when it reaches the maximum optical zoom.
3. Now you can takes pictures and review them under the zoom setting you just made. The zoom setting will remain after pictures are taken. If you want to take a normal size picture, please use the **W** button.






• Setting the Image Size and Quality

Picture resolution refers to the number of pixels in a digital picture. Picture quality depends on the JPEG file compression that the camera applies when the picture is taken. Higher resolution and less compression make better quality which occupies more memory space. Smaller size pictures with normal quality are easier to email while larger size with fine quality are better for printing.

Resolution setting

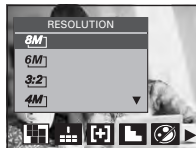
1. Set the camera to Still Image mode.

2. Press the  button.

3. Press the  or  button to select  (RESOLUTION).

4. Press the  or  button to select the desired setting.

5. Press the  button.






NOTE:

1. The **8M** resolution is interpolated by firmware, while the maximum resolution of the sensor itself is the **6M**.
2. It is recommended to use the **6M** resolution for printing pictures.

Quality setting

1. Set the camera to Still Image mode.

2. Press the  button.

3. Press the  or  button to select  (QUALITY).

4. Press the  or  button to select the desired setting.

5. Press the  button.



• Setting Light Metering

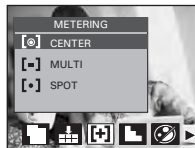
1. Set the camera to Still Image mode.

2. Press the  button.

3. Press the  or  button to select  (METERING).

4. Press the  or  button to select the desired setting.

5. Press the  button.



NOTE:




This setting is also available in  (Video) mode.

• Setting the Sharpness

Use the sharpness setting to highlight or blend the edges of subjects in pictures.

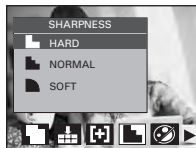
1. Set the camera to Still Image mode.




2. Press the  button.

3. Press the  or  button to select  (SHARPNESS).

4. Press the  or  button to select the desired setting.

5. Press the  button.





Option	Description
	Increases contrast on the edge of the picture. But noise may occur in the recording image.
	The edges of the image are sharp, This is suitable for printing.
	Soften the edge of the picture, creating a "soft focus" effect

• Setting the Photo effect.

This setting allows control over the color tones and moods of a picture.

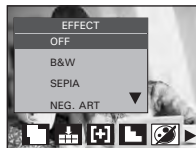
1. Set the camera to Still Image mode.

2. Press the  button.

3. Press the  or  button to select  (EFFECT).

4. Press the  or  button to select the desired setting.

5. Press the  button.



NOTE:




- This setting is available in Still Image and Playback modes.
- The mosaic effect only can be set in Playback mode.

• Setting Date/Time, Display On/Off

Date and time are displayed on the picture by default. You can hide one or both of them by the following steps.

1. Set the camera to Still Image mode.

2. Press the  button.

3. Press  or  button to select  (DATE STAMP).





4. Press  or  button to select the desired setting.

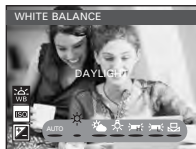
5. Press the  button.









• Setting White Balance

Selecting the right type of white balance can help to make the color of a subject appear more natural under the type of lighting that is available.

1. Set the camera to Still Image mode.
2. Press the  button.
3. "WHITE BALANCE" is the current selection.
4. Press the  or  button to select the desired setting.
5. Press the  button.



Option	Description
AUTO	Automatic adjustment
	Outdoor daylight
	Cloudy
	Indoors, illuminated by light bulbs
	Adjusts for fluorescent lighting. Corrects the green hue of fluorescent lighting. Ideal for indoor photos under fluorescent lighting without a flash
	
	For more accurate adjustment or when the light source cannot be specified









NOTE:

This setting is also available in  (Video) mode.

• Setting the ISO

This function enables you to change the camera's sensitivity to light by selecting the different ISO values. ISO is a measure of how quickly your camera reacts to light. The higher the ISO value, the less light the camera needs to make an exposure, allowing the same exposure to be achieved with higher shutter speeds or smaller apertures. In a digital camera, higher ISO value allows higher shutter speed, at the expense of mottled or grain appearing in the final picture.

1. Set the camera to Still Image mode.
2. Press the  button.
3. Press the  or  button to select "ISO".
4. Press the  or  button to select the desired setting.
5. Press the  button.



AUTO







The camera's sensitivity is automatically changed by different lighting value or subject brightness.

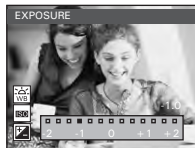
50/100/200

In the same lighting condition, the higher the ISO value is, the faster the shutter speed will be.

• Setting Exposure Compensation

You can adjust the exposure compensation value (EV) within the range of -2EV to +2EV in order to compensate for current lighting conditions. This setting can be used to obtain better result when shooting with backlighting, indirect indoor lighting, a dark background, and so on.

1. Set the camera to Still Image mode.
2. Press the  button.
3. Press the  or  button to select "EXPOSURE".
4. Press the  or  button to select the desired setting.
5. Press the  button.



NOTE:

- A higher EV value is better used for light-colored and backlit subjects. A lower EV value is better for dark-colored and shooting outdoors on a clear day.
- When shooting under very dark or very bright conditions, you may not be able to obtain satisfactory results even if performing exposure compensation.

4 Recording Video Clips


• Recording Video Clips

Use the Video mode to record video clips with audio. The Power / Auto Focus LED button blinks and the remaining time that can be recorded will decrease in seconds while recording.

1. Set the camera to Video mode.



NOTE:

The  icon will appear on the LCD screen, indicating the Video mode is activated.









2. Frame your subject using the LCD screen.
3. Press the Shutter button half-way and then completely down to start recording.
4. Press the Shutter button again to stop recording, or recording stops when the current memory is full.

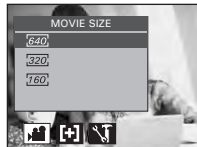


NOTE:

Digital zoom feature is not available in  (Video) mode.

• Setting the Video size

1. Set the camera to  (Video mode).
2. Press the  button.
3. Press the  or  button to select  (MOVIE SIZE).
4. Press the  or  button to select the desired setting.
5. Press the  button.



NOTE:


640 is the default value, suitable for viewing on TV.

320 is suitable for viewing on PC.

160 is suitable for sending out as an attachment via e-mail.











5 Recording Audio Clips

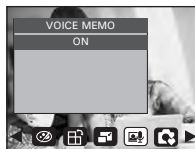
• Recording a Audio Clip

1. Set the camera to  (Audio mode).
2. Press the Shutter button completely down to start recording.
3. Press the Shutter button again to stop recording or recording stops when the current memory is full.



• Recording a Voice Memo for the Desired Image

1. Set the camera to the  Playback mode.
2. Press the  or  button to select the desired image where you want to add a voice memo.
3. Press the  button.
4. Press the  or  button to select  "VOICE MEMO"
5. Press  button.
6. Press the  button to start recording.
7. Press the  button again to stop recording.



NOTE:

- The voice memo cannot be added to a video clip or a protected image.
- You can only delete the voice memo by deleting the image.
- A voice memo may not exceed 30 seconds.

6 Managing Pictures and Video Clips



NOTE:

The camera automatically saves the image as a new file after rotating, resizing and adding a voice memo to it. Make sure there is sufficient memory before editing an image.

• Reviewing Pictures

1. Set the camera to Playback mode.
2. Use the and buttons to view the pictures taken.











• Magnifying the Displayed Picture

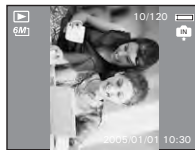
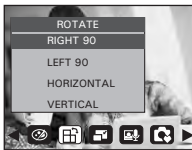
1. Set the camera to Playback mode.
2. Use the and buttons to select a picture.
3. Press to magnify the select picture.
4. Press the , , or button to move around the magnified picture.
5. Press the button to view the picture in the original size.



• Rotating the Displayed Picture

The currently displayed picture can be rotated for a better review angle on the LCD screen.

1. Set the camera to  PLAYBACK mode.
2. Press the  button.
3. Press the  or  button to select  (ROTATE).
4. Press the  or  button to select the desired setting.
5. Press the  button.



NOTE:

- The rotated image will be saved as a new file name.

• Changing the image size

Resizing a large size image to a smaller one helps to share with families and friends.

1. Set the camera to  PLAYBACK mode.

2. Press the  button.

3. Press the  or  button to select  (RESIZE).

4. Press the  or  button to select the desired setting.

5. Press the  button.









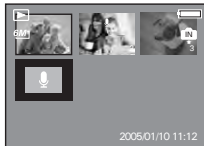
NOTE:

- The resized image will be saved as a new file name.
- Only a large size image can be resized to a smaller one.

• Reviewing Pictures and Video Clip Files in Thumbnail







You can view up to 9 picture and video clip files at a time on the LCD screen by using the thumbnail function.

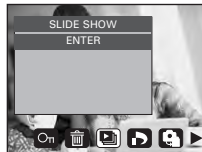
1. Set the camera to the Playback mode.
2. Press the  button and up to 9 thumbnail files appear on the LCD screen .
3. Press the , ,  or  button to select a thumbnail file.
4. Press the  button to view the file in full screen.






• Running a Slide Show on the LCD screen

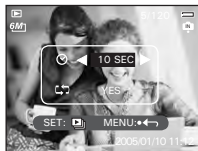
The slide show function lets you view all the pictures and video clip files stored in the current memory in sequence on the LCD screen.

1. Set the camera to the  Playback mode.
2. Press the  button.
3. Press the  or  button to select  "SLIDE SHOW".
4. Press the  button.







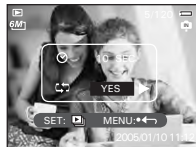
Setting Slide Show Interval Time

5.  ICON is the current selection.
6. Press the  or  button to select the interval period for each file to display.






Setting Repeat On/Off

7. Press the  button to select  ICON.
8. Press the  or  to select the desired setting.



Running a Slide Show

9. Press the  button to start a slide show.
10. Pressing the  button pauses the slide show.
11. Pressing the  stops the slide show.







The slide show will keep running as long as there is power supply. We recommend the user to use AC power for reviewing slides.



NOTE:

This function is not available for the video clips and voice recording.



• Playing a Video Clip on LCD Screen

1. Set the camera to  Playback mode.
2. Press the  and  buttons to select the desired video clip.
3. Press the  button to start playing the video clip.
4. Press the  button again to pause.
5. Press the  button to stop the video clip.





• Playing Audio Clips

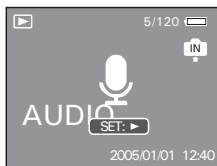
1. Set the camera to the Playback mode.

2. Press the  and  buttons to select the desired audio clip .

3. Press the  button to start playing the audio clip.



4. Press the  button again to pause.


5. Press the  button to stop playing.



• Playing a Voice Memo

1. Set the camera to the Playback mode.

2. Press the  and  buttons to select the desired image that has the voice memo recorded.





3. Press the  button to start playing the voice memo.

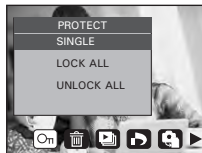
4. Press the  button again to pause.

5. Press the  button to stop playing.








• Protecting/Unprotecting Pictures, Video and Audio Clips

1. Set the camera to the Playback mode.
2. Press  button.
3. Press the  or  button to select the desired setting.
4. Press the  button.



- SINGLE** Protect the selected picture, video or audio clip.
- LOCK ALL** Protect all of the pictures, video and audio clips in the current memory.
- UNLOCK ALL** Remove protection from all protected pictures, video and audio clips in the current memory.

Protect Single Picture, Video or Audio Clip

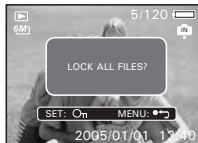
5. Press the  or  button to select the picture, video or audio clip you want to protect.
6. Press the  button.
7. Press the  or  button to select another one and protect it .



Protect All pictures, Video and Audio Clips

5. Press the  button.

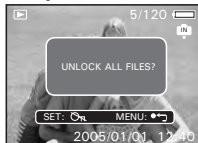
6. Press the  button.




Remove Protection from All Pictures, Video and Audio Clips

5. Press the  button.








6. Press the  button.

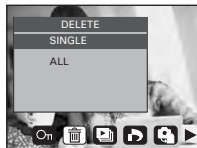


NOTE:




- The icon  appears on the LCD screen when you review the protected files.
- Protected files cannot be deleted. Remove protection before deleting.
- Formatting the internal memory or a SD card deletes all files, including the protected files.

• Deleting Pictures, Video and Audio Clips

1. Set the camera to the Playback mode.
2. Press the  button.
3. Press the  or  button to select  (DELETE).
4. Press the  or  button to select the desired setting.
5. Press the  button.



Deleting a Single Picture, Video or Audio Clip

6. Press the  or  button to select the picture, video or audio clip you want to delete.
7. Press the  button.



NOTE:

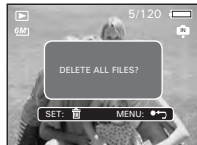
You can also press the  button to delete a single file.

Deleting All Pictures, Video and Audio Clips

6. Press the  button.

SINGLE Delete a selected unprotected option.

ALL Delete all the unprotected files in the current memory.



NOTE:









- Protected files cannot be deleted. Remove protection before deleting.
- All deleted pictures and video clips cannot be recovered.

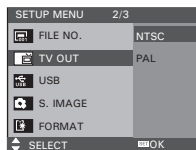
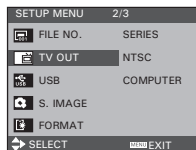
• Viewing Pictures and Video Clips on a TV

To set the video output system:

The video output signal (NTSC or PAL) can be switched to accommodate different signal systems. For example, NTSC for U.S.A., Canada, Taiwan, Japan, etc. and PAL for Europe, Asia (excluding Taiwan), etc.

You can change the video output system according to the following steps:

1. Access the setup menu.
2. Press the  or  button to select  (TV Out).
3. Press the  button.
4. Press the  or  button to select the desired setting.
5. Press the  button.
6. Press the  button to exit the menu.



7 Print Settings

• About PictBridge

PictBridge is a new industry standard that allows you to print images directly from a PictBridge enable digital still camera to a PictBridge compatible printer without using a photo editing software or a computer.

Printing Procedures

1. Preparing the camera and the printer.

Camera	Be sure battery level is full before printing.
Printer	Refer to the user guide that comes with your printer and make preparations (paper, ink cassette, cartridge, etc.) as required.

Turn on the camera and the printer.

2. Selecting PictBridge mode

Access the setup menu to enable the USB port. Refer to page 67 for details.

3. Connecting the camera to the printer

Refer to "Camera / Printer Connection" on page 68 for details.


4. Select print settings.

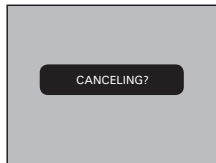
Use the camera's function and navigation buttons to select the print settings. Refer to page 69 for details.

5. Printing


Press the  button to start printing.

Cancelling Printing

Press the  button to cancel printing the print job. The printer will stop printing and eject the paper.



Printing Errors






If for some reason an error occurs during or before printing, press  button to exit and reconfigure printing settings.

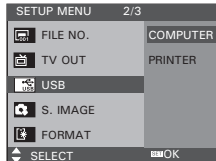


NOTE:

- Please refer to the printer's user guide for the solutions. Printing may resume once the problem is solved.

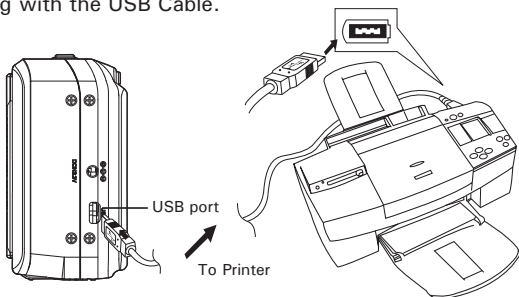
Selecting PictBridge Mode



1. Turn on the camera.
2. Access the setup menu.
3. Press the  or  button to select the desired setting.
4. Press the  button.
5. Press the  or  button to select "PRINTER".

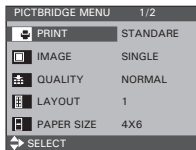


Camera / Printer Connection

Connecting with the USB Cable.






1. Plug the labelled end  of the USB cable into the socket marked  on your printer. Location of USB socket will vary from printer to printer.
2. Plug the other end of the USB cable into the USB port on your camera.



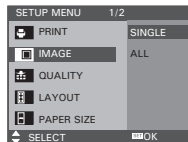
NOTE:

- "CONNECTING" displays on the LCD screen, indicating a proper connection to the printer.
- Do not connect the USB cable with the camera and printer until Printer mode is enabled.

Selecting Print images

1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.

The following options are available.



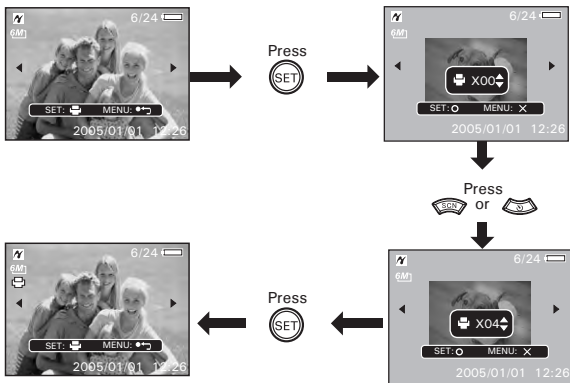
SINGLE	Print the selected image in the camera's internal memory or a memory card according to specified settings.
ALL	Print all images in the camera's internal memory or a memory card according to the specified settings.



NOTE:

- Print settings are configured for images only. Make sure there are no video clips or other file besides images in the memory before printing,
- Not all printers will support all these print options. Please refer to the printer user guide for options available.




If you choose single image, press the  or  button to select a desired image, and press the  or  button to set the number of copies.

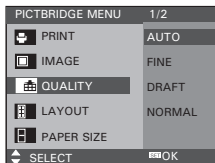


NOTE:

The value for number of copies is : 1 to 30.

Selecting Print Quality

1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.






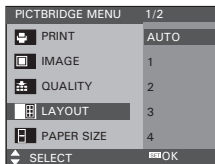
The following quality settings are available:

AUTO, FINE, DRAFT, NORMAL

AUTO Print settings differ according to the printer model.

Selecting Print Layout

1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.



The following layout settings are available:




AUTO, FULL, 1, 2, 4

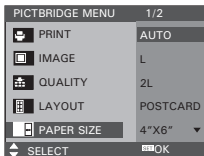
AUTO Print settings differ according to the printer model.

Full Print a full-size picture on the selected paper.

1/2/4 Specify the number of printed images on a page.

Selecting Paper Size




1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.

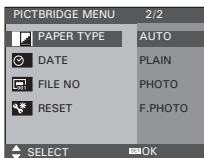


The following paper size are available:
AUTO, 3X5, 4X6, 5X7, 6X8

AUTO Print settings differ according to the printer model.

Selecting Paper Type




1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.

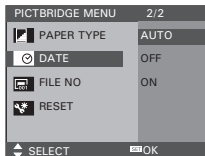


The following paper type are available:
AUTO, PHOTO, PLAIN

AUTO Print settings differ according to the printer model.




Setting the Date Stamp On / Off

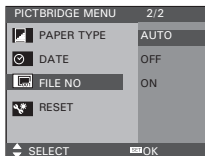
1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.



- AUTO Print settings differ according to the printer model.
ON Add the date stamp to the printed image.
OFF Print without the date stamp.

Setting the File Name On / Off

1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
- 3 Press the  button.



- AUTO Print settings differ according to the printer model.
ON Add the file name to the printed image.
OFF Print without the file name.




• Resetting to Default Settings

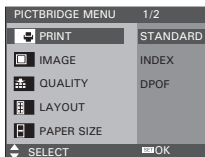


NOTE:

Choosing the “RESET” setting in PictBridge menu returns all print settings to the default value. More details, refer to “Resetting to Default Setting” on page 29.

Selecting Print format

1. Access the PictBridge menu.
2. Press the  or  button to select the desired setting.
3. Press the  button.

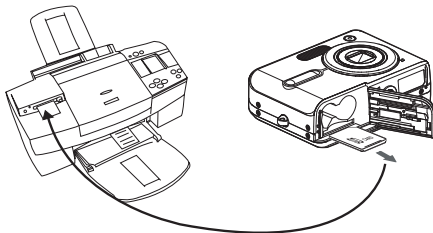


STANDARD	Print settings differ according to the printer model.
INDEX	Print pictures as a thumbnail image.
DPOF	Print settings by DPOF format.

• About DPOF

DPOF stands for “Digital Print Order Format”, which is a format for recording on a memory card or other medium which digital camera images should be printed and how many copies of the image should be printed. Then you can print on a DPOF-compatible printer or at a professional print service from the memory card in accordance with the file name and number of copies settings recorded on the card.






With this camera, you should always select images by viewing them on the LCD screen. Do not specify images by file name without viewing the file contents.

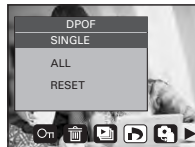


IMPORTANT!

DPOF print settings can be configured for images on a memory card only, not for images in the camera's built-in memory.

Setting the DPOF:

1. Insert an SD card into the camera.
2. Turn on the camera.
3. Set the camera to the Playback mode.
4. Press the  button.
5. Press  left or  right button to select DPOF
6. Press the  or  button to select the desired setting.



SINGLE









The selected picture in a memory card will be printed out up to 30 copies.

ALL

All pictures in a memory card will be printed out up to 30 copies for each picture.

RESET

Returns to the normal playback mode.

6. Press the  button.
7. Press the  or  button to select the picture you want to print out.
8. Press the  or  button to select the number of print copies.
9. Pressing the  button activates the date stamp setting.  will appear on the LCD screen.
10. Press the  button to complete the setting.



11. Power off the camera.
12. Remove the memory card from the camera and insert it into the printer's card slot (as illustrated). Location of the card slot may vary from printer to printer model.



NOTE:

Make sure you turn off the camera before inserting or removing a memory card.

13. Press the Print button on the printer to start printing.



8 Using the SD (Secure Digital) Card

• Using the SD Card

Your camera comes with built-in flash memory for storing pictures and video clips. You can expand the memory using a commercially available SD card (up to 1GB). The camera senses whether a memory card is inserted, and automatically saves pictures and video clips accordingly. Note that you cannot save pictures or video clips to the built-in flash memory while a memory card is installed in the camera. See pages 100 to 101 for storage capacities.

Memory card precautions:

1. Use only a SD memory card with this camera.
2. Electrostatic charge, electrical noise, and other phenomena can cause data corruption or even loss. Always make sure that you always back up important data on other media (MO disc, computer hard drive, etc.).
3. If a memory card starts to behave abnormally, you can restore normal operation by formatting it. However, we recommend that you always take along with more than one memory card whenever using the camera far away from your home or office.
4. We recommend that you format a memory card when using it for the first time, or whenever the card you are using seems to be the cause of abnormal pictures. Remember to format a memory card if it was used in another digital camera or other devices.

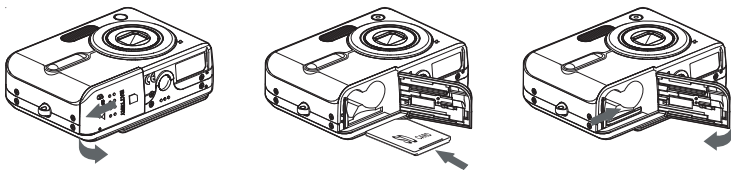



IMPORTANT!

- Make sure you turn off the camera before inserting or removing a memory card.
- Be sure to orient the card correctly when inserting it. Never try to force a memory card into the slot when you feel resistance.
- SD memory cards have a write protection switch that you can use to protect files from accidental deletion. However, you must remove the write protection whenever you want to record new files onto it, format it, or delete its files.
- **Files contained in the SD card recorded by other cameras may conflict with the i639 camera, and valuable data in your existing SD card may be distorted or lost when the card is inserted in the i639 camera. We strongly recommend the user to use a NEW or formatted SD card for the i639 camera. The manufacturer is not liable for losing or corrupting any valuable data or files in your SD card due to improper operation.**
- As tests prove, the i639 works best with popular brands of memory cards such as SanDisk, Panasonic, Lexar and TOSHIBA. Consider using these cards for best performance.

Inserting a SD card

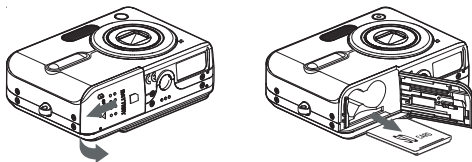
1. Turn off the camera.
2. Open the SD card door by pushing it outwards as illustrated.
3. Insert the SD card and ensure the card is inserted the correct position as illustrated.
4. Close the SD card door by pressing it downwards and then slide it back to lock.



The  icon will appear on the LCD screen when a SD card is inserted into the camera.

Removing the SD card

To remove the SD card, turn off your camera and open the SD card door. Gently push the SD card inwards and then release it. The SD card will eject out of the SD card slot.








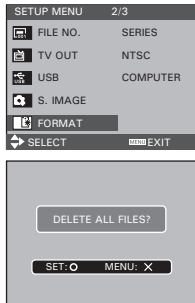
IMPORTANT!

- Never insert any other object into the camera's SD card slot. Doing so creates the risk of damage to the camera and card.
- Should water or any foreign objects ever get into the card slot, immediately turn off the camera, remove the battery or disconnect the AC adapter, and contact your dealer or the nearest service provider.
- Never remove a card from the camera while the camera is powered on. Doing so can cause the picture or video recording operation to fail, and even damage the memory card.

• Formatting a SD card

Formatting a memory card erases all data stored on it, including the protected ones. Removing the SD card during formatting may damage the card.

1. Insert an SD card into the camera.
2. Turn on the camera.
3. Access the setup menu.
4. Press the  or  button to select  (FORMAT).
5. Press the  button.
6. Press the  button.



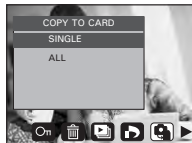
IMPORTANT!








- SD cards formatted in another camera, computer or other devices may not work properly. It is recommended to format SD cards with your i639 camera.
- Note that data deleted by formatting operation cannot be recovered. Make sure you do not have any useful data currently stored on a memory card before you format it.

• Copying Pictures, Video and Audio Clips to Memory Card

This setting allows you to copy pictures, video and audio clips stored in the internal memory to a memory card.

1. Insert an SD card into the camera.
2. Turn on the camera.
3. Set the camera to the Playback mode.



4. Press the  button.
5. Press the  or  button to select  ICON (COPY TO CARD).
6. Press the  or  button to select the desired setting.
7. Press the  button.




SINGLE

Copy a selected image or video clip

ALL

Copy all the files in the current memory.

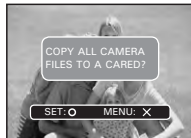
Copy Single File

8. Press the  or  button to select a picture, video or audio file.
9. Press the  button.



Copy All Files

8. Press the  button.



NOTE:

With a memory card inserted into the camera, the card memory has a higher priority over the internal memory. The selected picture or video clip can be only copied from internal memory to the memory card.

9 Installing the Software onto a Computer

• Installing the Software

For Windows® Users:

PC



IMPORTANT!

MAKE SURE YOU INSTALL ALL THE SOFTWARE FROM THE CD SUPPLIED BEFORE YOU CONNECT YOUR CAMERA TO A COMPUTER AND TRANSFER PICTURES FROM YOUR CAMERA TO THE COMPUTER.



IMPORTANT! (For Windows® 98SE)

On Windows® 98SE Mass Storage function needs to install the i639 Driver. After the installation, please restart the Windows before connecting the camera to the PC.



IMPORTANT! (For Windows® Me, 2000, XP)

Directly plug-in the camera to transfer and play the pictures. No need to install the driver.



IMPORTANT!

To view the video clips it is recommended to install the Windows Media Player. It has already installed in the operating system or can be downloaded from the address: www.microsoft.com.



IMPORTANT!

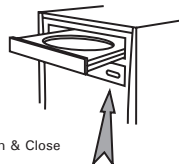
To play the video clips (AVI format), it is necessary to install the DivX from the CD supplied.

1. Before you begin, close all other software applications open on your computer.
2. Insert the CD supplied into the computer CD-ROM Drive.
3. The CD User Interface Screen will automatically launch.
4. With the mouse, click on each software interface button in turn and follow the on screen instructions.



NOTE:

If the setup screen does not appear after loading the CD, then you can manually start it by double clicking the "My Computer" icon on your desktop, then double clicking the icon for the CD-ROM drive. When the CD-ROM window opens, double click the "INSTALL-E.EXE" icon.



For Macintosh Users:



IMPORTANT!

To play the video clips (AVI format), it is necessary to install the DivX Doctor II from the CD supplied.



IMPORTANT!

To view the video clips it is recommended to install the QuickTime Player.

• Software Included with Your Camera

The i639 software CD contains the following software:

Polaroid i639 Camera Driver *Plug & Play removable disk*

Easy to use, just plug the camera to a computer and use it as a removable disk. Use the ArcSoft® PhotoStudio® to edit and print the Pictures.

ArcSoft® PhotoStudio® *Picture Editing Software*

ArcSoft® PhotoStudio® is an easy-to-use and powerful image-editing software loaded with everything you need to fix, print, and get creative with your digital pictures. This program gives you quick access and all-at-once enhancement to the pictures on your computer, for example, removing red-eye and cloning objects to a different picture. Add special effects or place them in cards, calendars, frames and fantasy templates. ArcSoft® PhotoStudio® also includes a wide variety of printing options.

ArcSoft VideoImpression® *2 Movie Making Software*

ArcSoft VideoImpression® is an easy-to-use video editing software program. The program enables users to create and edit new videos using existing video and image files - making desktop video presentations for home, business, and the Web.

Adobe® Acrobat® Reader™ *.PDF File Reading Software*

Adobe® Acrobat® Reader™ lets you view and print Adobe Portable Document format (PDF) files on all major computer platforms, as well as fill in and submit Adobe PDF forms online.

• Computer System Requirements

For acceptable picture transferring and editing performance, we recommend the following minimum requirements;

For Windows® Users

PC

- Compatible with Microsoft® Windows® 98SE, Me, 2000 or XP
- Pentium® III 450MHz or equivalent processor
- USB Port
- 128MB RAM (256 MB recommended)
- 500MB free disk space
- Color monitor with high color (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

For Macintosh Users

Mac

- Mac® OS Version 9.2 ~ X
- PowerMac G3 or higher
- USB Port
- 128 MB RAM (256 MB recommended)
- 500 MB Free disk space
- Color monitor with high color (16-bit) graphic capability or higher
- CD-ROM drive
- Standard mouse and keyboard
- Stereo speakers

10 Transferring Pictures and Video Clips to a Computer

- **Before Transferring Files**

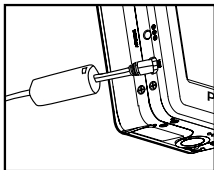
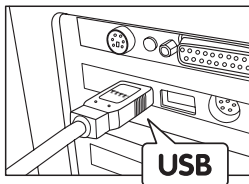




IMPORTANT! - FOR PC USERS

BEFORE YOU CONNECT YOUR DIGITAL CAMERA TO THE COMPUTER, MAKE SURE THAT YOU HAVE INSTALLED THE SOFTWARE FROM THE ENCLOSED CD. PLEASE REFER TO "8 Installing the Software Onto a Computer".

- **Connecting to Your Computer**

Connect the camera directly to your computer



1. Turn the camera Off.
2. Plug the  labelled end of the USB cable into the  marked socket on your computer.
3. Plug the other end of the USB cable into the port on your camera.
4. Turn on the camera and an interface "New Hardware Found" will show on the computer desktop.
5. A removable disk drive will be installed onto your computer automatically.

• Transferring Pictures and Video Clips to a Computer



NOTE:

The Mass Storage mode is the default setting when the docking is connected with a TV set or a computer.

For Windows® Users

PC



NOTE:

You can transfer pictures and video clips in any mode.

1. Turn on the camera
2. Connect the camera to a computer via the USB cable.
3. Double click on "My Computer" on your PC desktop and you will see a "Removable Disk" drive.
4. Double click "Removable Disk" -> double click "DCIM"-> double click any directory folder under "DCIM".
5. All the pictures, video and audio clips are in the directory folder. Highlight the pictures, video and audio clips and drag them to a folder of your choice. You can also create sub folders to group them or use the Arcsoft software to edit and manage the pictures, video or audio clips.

For Macintosh Users

Mac



NOTE:

For Mac user, directly plug-in the camera, no need to install the driver.

1. Turn on the camera
2. Set the camera to Playback mode.
3. Connect the camera to Mac via the USB cable, the systems will automatically recognize the MASS STORAGE drive. (System will automatically create a Mass Storage named "INTERNAL" / "EXTERNAL")

**NOTE:**

This Drive name will vary from different version of Mac OS system.

4. Double click the folder "INTERNAL" / "EXTERNAL" to enter sub-folder "DCIM".
5. Double click the folder "DCIM" and then any subfolder inside.
6. You can copy the pictures and video clips from this directory folder and paste to the hard disk.

11 Troubleshooting Problems

The troubleshooting guide is designed to help you. If problems continue, please contact customer support. Details are provided under “Getting Help”.

Symptom	Problem	Solution
I receive an error message when I am installing “Polaroid i639 Camera Driver”.	“Polaroid i639 Camera Driver” does not load.	Shut down all other applications and attempt to reinstall the driver.
		Check to see if the USB in your BIOS is activated. Please refer to Polaroid web site to activate the USB in the BIOS.
I cannot upload images to my computer.	Connection failure.	Check all cable connections are secured.
	Camera Driver is not installed.	You need to install the camera driver for Windows 98SE systems.
I cannot run the “Polaroid i639 Camera Driver”.	Conflict with another camera driver or capture device.	If you have another camera installed on your computer, remove it and it’s driver completely from your system to avoid conflicting with it.
My CD Installation wizard does not work.	The auto installation file is switched off or The CD-ROM is disconnected.	Go to the computer desktop. Right click on “My Computer”. Click “Properties”. Select “Device Manager”. Double click on “CD_ROM”, double click on “CD-R (normally the manufacturer’s name. Click on “Settings”. Ensure both “Auto insert notification” and the “disconnect” are ticked. If you change the settings the computer will ask you to restart your PC. Click “Yes”.
Images are not shown on TV.	Video cable is not connected correctly.	Make sure the video cable is connected to the TV “Video In” socket.
The video clip (AVI) file cannot be played.	DirectX version is lower than 9.0	Install DirectX 9.0 or above. Visit http://www.microsoft.com/directx for more details.
The camera is detected by the Windows and works properly. But a driver letter of the Removable disk is not created.	The removable disk crashes with the network drives.	Disconnect the crashed network drive and reserve this drive letter for the camera.

Symptom	Problem	Solution
I cannot activate my Digital Camera by pressing the Power switch.	Insufficient battery power or batteries are missing	Replace with new batteries
Camera does not turn on.	Batteries are not oriented correctly. Or Batteries are dead.	Orient batteries correctly. Or Recharge your batteries.
Camera suddenly powers off.	Auto Power Off function activated. Or Batteries is dead.	Turn the camera on. Or Recharge your batteries.
Image is not recorded when the shutter button is pressed.	Camera is turned off. Or Flash unit is charging. Or Memory is full.	Turn the camera on. Or Wait until flash unit charging finishes. Or Delete images you no longer need, or use another memory card.
Camera powers off during self-timer countdown.	Batteries are dead.	Recharge your batteries.
LCD screen image is out of focus.	Macro mode is being used for far subjects. Or Still image mode is being used for near subjects.	Set the camera to Still Image mode. Or Set the camera to Macro mode for subjects this close to the lens: 0.2 ft - 2.6 ft (5 cm - 80 cm)
Recorded pictures are not saved in memory.	Removing the memory card before the save operation is complete.	Do not remove the memory card before the save operation is complete.

Symptom	Problem	Solution
Color of the playback pictures is different from the picture on the LCD screen during recording.	Sunlight or light from another source is shining directly into the lens during recording.	Position the camera so sunlight does not shine directly onto the lens.
Pictures are not displayed.	A memory card with non-DCF pictures recorded with another camera is loaded in the camera.	This camera cannot display non-DCF pictures recorded onto a memory card used by another digital camera.
I cannot erase pictures.	All the pictures in memory are protected.	Unprotected the pictures you want to delete.
There is no response from the camera while pressing any buttons.	The LCD screen is frozen or the camera is hanged.	Remove and re-install the battery or batteries to reset the camera. Your valuable data stored in the camera will not be lost.

TV out

Symptom	Symptom	Solution
LCD screen does not appear on the screen of the connected television	There is a problem with the camera-TV connection Or TV setup is wrong Or Video system is incompatible.	Use the optional video cable to connect the camera to the TV Or Consult the documentation of the TV and put it in its video mode Or Select the proper video output system.
Images do not display in color on TV.	Wrong system selection.	Change to NTSC or PAL.
The video clip (AVI) file cannot be played.	DivX codec is not installed yet.	Download and install the DivX or Divx Doctor II from CD

Please also refer to the help files & User Guides that accompany the enclosed applications.

For further information and support, please visit our website:

<http://www.polaroid.com>

12 Getting Help

• Polaroid Online Services

Website: <http://www.polaroid.com>

• ArcSoft Software Help

For United States

ArcSoft HQ Support Center

(Fremont, CA 94538)

Tel.: 1-510-979-5599

Fax: 1-510-440-7978

E-mail: support@arcsoftsupport.com

Web: <http://www.arcsoft.com/en/support/>

For Latin America

E-mail: latinsupport@arcsoftsupport.com

For Europe

ArcSoft Europe Support Center

(Ireland)

Tel.: +353-(0) 61-702087

Fax: +353-(0) 61-702001

E-mail: eurosupport@arcsoft.com
support

For China

ArcSoft China Support Center

(Hangzhou)

Tel.: +86-571-88210575

E-mail: support@arcsoft.com.cn

Web: <http://www.arcsoft.com.cn/new/>

For Japan

ArcSoft Japan Support Center (Tokyo)

Tel.: +81-3-5795-1392

Fax: +81-3-5795-1397

E-mail: support@arcsoft.jp

Web: <http://www.arcsoft.jp>

For Taiwan

ArcSoft Taiwan Support Center (Taiwan)

Tel.: +886-(0) 2-2506-9355

Fax: +886-(0) 2-2506-8922

E-mail: support@arcsoft.com.tw

Web: www.arcsoft.com.tw

Visit <http://www.arcsoft.com> for technical support and frequently asked questions (FAQ's).

"Polaroid" and "Polaroid and Pixel" are trademarks of Polaroid Corporation, Waltham, MA, USA.

13 Appendix

• Technical specifications

Picture Resolution	<ul style="list-style-type: none">• Sensor:<ul style="list-style-type: none">- 1/2.5 inch- 6.16 Megapixels CCD
Lens	<ul style="list-style-type: none">• Type: 6 elements• Aperture: F 2.8/4.8• Focal Length: 5.95 ~ 17.14 mm• Focal Distance<ul style="list-style-type: none">- Normal Focus: 2.6 ft to ∞ (80 cm to ∞) (The focusing range is the distance from the lens surface to the subject.)
LCD Screen	2.4" TFT color panel
Built-in Flash	<ul style="list-style-type: none">• Modes<ul style="list-style-type: none">- Auto/OFF/On/Red Eye Reduction/Slow Sync
Exposure Control	-/+ 2.0 EV in 0.3 increments
ISO Speed	Auto,50,100,200



















Shutter Speed	Mechanical shutter 1/2000 sec ~ 8 sec
White Balance	Auto, Day light, Cloudy, Tungstem, Fluorescent-H, Fluorescent-L, Customer
Storage	<ul style="list-style-type: none"> • Internal Memory: 16 MB Nand Flash • External Memory <ul style="list-style-type: none"> - supports SD card up to 1 GB (not included)
Self-timer	2 sec/ 10 sec/ Double
File Format	<ul style="list-style-type: none"> • Still Image <ul style="list-style-type: none"> - EXIF 2.2 compatible format (JPEG compression) DCF compatible, Support DPOF • Video Clip: AVI • Audio: WAV
Power Supply	AA alkaline battery x 2
Tripod Socket	Yes
Connectivity	<p>With computer via USB cable (included)</p> <p>With TV via TV cable (included)</p>
Dimension	<ul style="list-style-type: none"> • Size: <ul style="list-style-type: none"> - (W) 89 mm x (D) 60.5 mm x (H) 28.1 mm • Weight: <ul style="list-style-type: none"> Approximately 140g excluding batteries or card
Operating System	<ul style="list-style-type: none"> • For Windows Users: Microsoft Windows 98SE, Me 2000 or XP: • For Macintosh Users: Mac OS 9.2 ~ X



















• Storage Capacities

The charts below indicate the approximate numbers of pictures and length of video clips the camera can hold at each setting based on the internal memory and different capacities of SD card.

Recordable Images

Units: Images

Resolution	Quality	16MB Internal Memory	32MB SD	64MB SD	128MB SD
8M		2	7	14	28
		4	14	28	56
		6	21	54	108
6M		2	10	20	41
		5	19	39	79
		8	29	59	120
3:2		3	12	24	50
		6	22	45	91
		9	33	68	137
4M		4	15	31	62
		8	28	57	116
		12	43	88	179
2M		9	30	61	125
		17	59	121	245
		26	89	182	370
VGA		53	179	367	742
		90	300	616	1247
		135	450	920	1861

Resolution	Quality	256MB SD	512MB SD	1 G SD
8M		92	184	278
		112	224	448
		216	432	964
6M		83	168	335
		158	319	636
		242	487	971
3:2		100	201	402
		183	369	737
		275	554	1105
4M		125	252	502
		234	470	938
		359	722	1440
2M		250	504	1005
		493	992	1978
		743	1495	2981
VGA		1490	3000	5981
		2505	5041	10051
		3738	7523	15000



NOTE:

8M 3264x2448 (Interpolation)

6M 2816x2112

3:2 2784x1856

4M 2304x1728

2M 1600x1200

VGA 640x480

 Super fine

 Fine




 Normal

Recordable Video Length

Units: Seconds

	Resolution	Video clips can be taken
16MB Internal Memory	<u>640</u>	4
	<u>320</u>	21
	<u>160</u>	59
32MB SD	<u>640</u>	23
	<u>320</u>	89
	<u>160</u>	233
64MB SD	<u>640</u>	47
	<u>320</u>	183
	<u>160</u>	478
128MB SD	<u>640</u>	96
	<u>320</u>	370
	<u>160</u>	968
256MB SD	<u>640</u>	192
	<u>320</u>	743
	<u>160</u>	1947
512MB SD	<u>640</u>	387
	<u>320</u>	1495
	<u>160</u>	3912
1GB SD	<u>640</u>	771
	<u>320</u>	2982
	<u>160</u>	7800

**NOTE:**

-  640x480
-  320x240
-  160x120
- Scene complexity affects a picture's file size. For example, a picture of trees in autumn has a larger file size than a picture of blue sky at the same resolution and quality setting. Therefore, the number of pictures and length of video clips you can store on a memory card may vary.

Recordable Audio Length

Units: Minutes

Memory Card Capacity	Length of Audio Clips Recording Time
16MB Internal Memory	3
32MB SD	11
64MB SD	23
128MB SD	47
256MB SD	96
512MB SD	193
1GB SD	386

• Uninstalling Polaroid i639 Driver (PC only)

For Windows® 98SE Users

PC



NOTE:

The following driver uninstall procedure is for Windows 98SE user only because only Windows 98SE needs to install the i639 driver.

1. Open Add/Remove Program Properties in Control Panel and select “Polaroid i639” program, then click “Add/Remove”.
2. The following dialogue box appears, please click “Yes” to confirm removing the camera driver.
3. The un-installation program runs automatically, please restart your computer when it is finished.



• Camera Default Settings

Camera Mode	Description	Default
Still Image Mode	Image Resolution	6M
	Quality	Super Fine
	Exposure Compensation	0
	White Balance for Pictures	Auto
	ISO	Auto
	Sharpness	Normal
	Flash Mode	Auto Flash
	Date stamp	Date
	Metering	Multi
	Digital Zoom	ON
	Effect	OFF
Video Mode	Video Resolution	320 X 240
	Metering	Multi
	White Balance for Video Clips	Auto
Setup Mode	Capture mode	Still Image
	Start-up Image	ON
	Date Format	YY/MM/DD
	Power Save	1 MIN
	Auto Review	3 SEC
	Beep	ON
	Language	English
	File No.	Series
	TV Out	NSTC
USB	Computer	



NOTE:

The default language for the LCD screen may vary with the different shipment destinations.

• Using Your Batteries



IMPORTANT NOTE:

For best performance and prolonged battery life, we recommend the use of AA lithium or rechargeable Ni-MH.

Limit the following activities that reduces battery life:

- Reviewing your pictures on the LCD screen.
- Using the LCD screen to take pictures
- Excessive use of the flash.

WARNING!

- Batteries should be replaced by an adult.
- Do not mix different types of batteries (or new and used batteries).
- Use recommended or equivalent type of batteries only.
- Insert the batteries in the correct orientation.
- Remove exhausted batteries from the camera immediately.
- Do not short the supply terminals.
- Do not dispose the batteries in fire.
- Remove batteries from the camera when not in use.

These instructions should be retained for future reference.

• **Tips, Your Safety & Maintenance**

Your Camera should only be operated within the following environment.

- 32 - 104° Fahrenheit; 0 - 40° Celsius
- 20% - 85% relative humidity, non condensing

The battery life or image quality may be affected when the camera is operated outside these conditions.

AC Adapter

The AC Adapter carries voltage which can be dangerous if live parts are exposed.

We recommend that you regularly examine the AC adapter for any breakage. NEVER try to repair or open the AC adapter.



Camera Cautions

- NEVER immerse any part of the camera or its accessories into any fluid or liquid.
- ALWAYS disconnect the camera from your PC or TV before cleaning it.
- ALWAYS remove dust or stains on the camera with a soft cloth dampened with water or neutral detergent.
- NEVER place hot items on the surface of the camera.
- NEVER attempt to open or disassemble the camera as this will affect any warranty claim.

• Regulatory Information

FCC Notice

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is needed.
- Consult the dealer or an experienced radio/TV technician for help.

Shielded cable must be used with this unit to ensure compliance with the Class B FCC limits.

Under the environment with electrostatic discharge, the product may malfunction and require user to reset the product.

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