TOSHIBA

Camileo Pro
User's Manual

Content

Getting to Know Your Camera

◆ Overview

The camera with 7 Mega Pixel sensor can take MPEG-4 movies. By way of using MPEG-4 technology, more videos can be taken within certain amount of memory. High quality images with up to 11 mega-pixels can also be delivered smoothly. With a color LCD monitor, users can compose images and examine them easily.

Exposure and color balance can either be adjusted automatically or allowed to be changed manually. The 3x Optical Zoom plus 4x digital zoom increase user control over the movies and pictures you take. The camera is also ideally suited for using as a PC camera hooked up to your home computer via high speed USB 2.0 port

Biuld-in 64 MB memory allows you to take pictures and movies without memory card. The memory card slot allows users to increase the storage capacity up to 4GB.
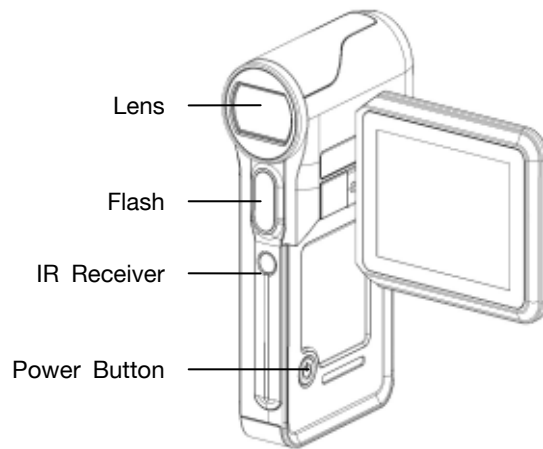
Note
Partial memory of the built-in 64MB memory is used for Firmware code
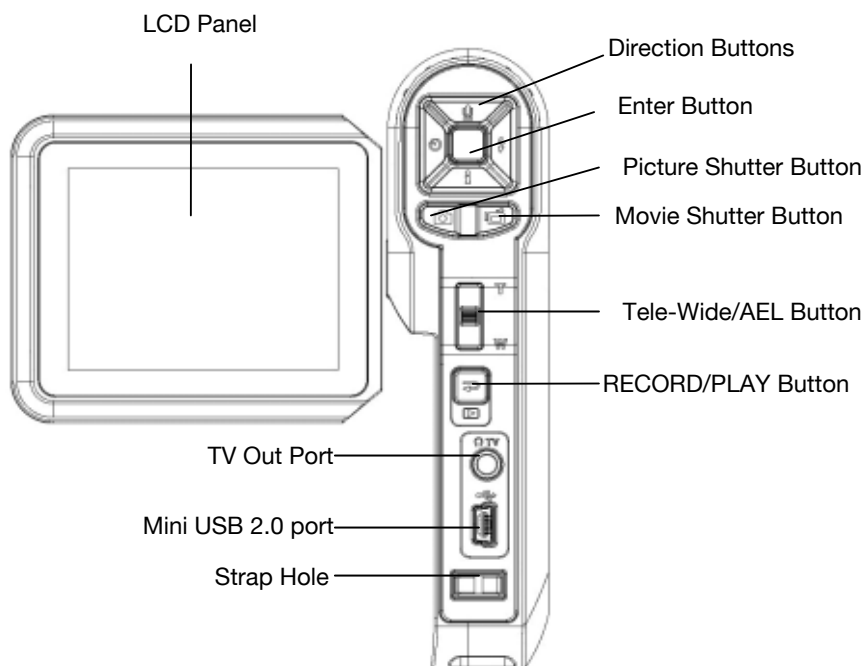
◆ Standard Accessories
Unpack the package and make sure all standard accessories listed are included:

- Camera
- USB Cable
- Power Adaptor
- AV Cable
- Lithium-ion Rechargeable Battery
- Quick Guide
- CD-ROM (Driver, Arcsoft Software and User Manual)
- Earphone
- Strap
- Pouch
- Tripod
- SD Card (Optional)

Lens

Flash

IR Receiver

Power Button

LCD Panel

Direction Buttons

Enter Button

Picture Shutter Button

Movie Shutter Button
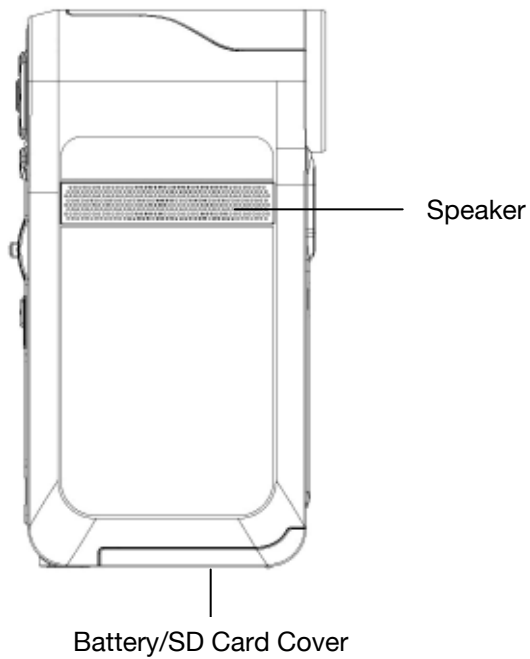
Tele-Wide/AEL Button

RECORD/PLAY Button

TV Out Port

Mini USB 2.0 port

Strap Hole

Note

Please note that the LCD monitor can only be rotated by 270 degrees in one direction, otherwise it will be broken! Please do not try to rotate the monitor by more than 270 degrees.
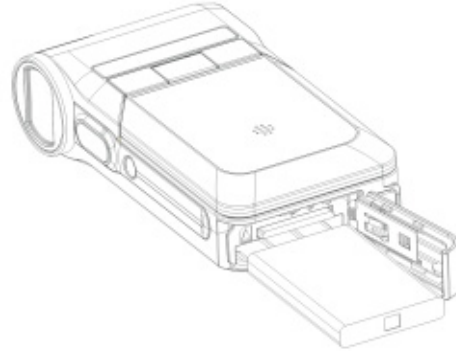
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◆ Side View

Speaker

Battery/SD Card Cover

Microphone
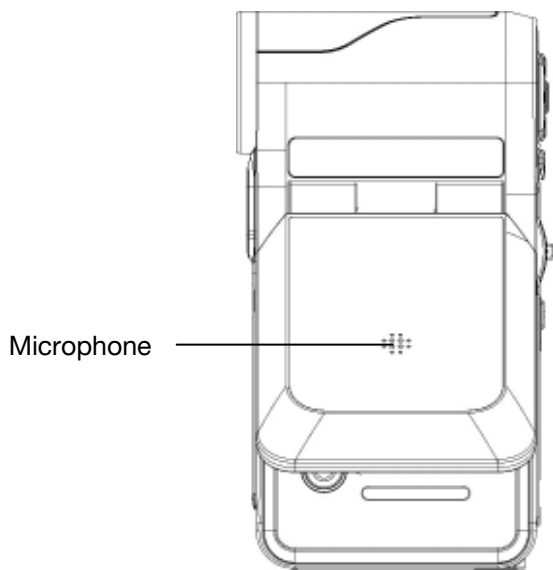
Getting Up and Running

◆ Loading the Battery

Before using the camera, end users must load NP60 rechargeable Li-ion Battery.

1. Follow the arrow direction and slide to eject the battery cover.
2. Insert the batteries according to the correct polarity marks (+ or -)
3. Close the battery cover firmly.

◆ Inserting and Removing an SD Card（Optional）

The camera comes with 64 MB built-in memory which allows you to store pictures, movies, recorded voice and music. You can expand the memory capacity by using an optional SD or MMC memory card up to 4G. To insert a memory card, refer to the figure above and:

1. Insert the memory card into the right position.
2. To remove an installed SD card, press the card inwards to release it.
3. When the card pops out, gently remove it from its slot.

Note
When a memory card is fitted, movies and pictures are saved on card rather than on the built-in memory.

◆ Protecting Data on an SD Card

SD card is read-only by locking the SD card. No pictures, movies and voice can be recorded when the SD card is locked. Make sure the lock is on writeable position before recording any media.

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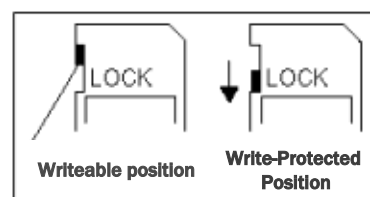
◆ Turning the Camera On and Getting Started

To turn on the camera:

(1) Flip out the LCD panel; the camera will turn on automatically.

(2) Or press Power Button for one second to turn on it.

➡ To take a movie, press the Movie Shutter Button ( ).

➡ To take a picture, press the Picture Shutter Button ( ).

➡ To record the voice, press the Upper Button of Direction Buttons and press the Movie Shutter Button ( ) to start voice recording.

➡ To view stored movies, pictures, listen to stored MP3 and voice recordings, or read eBook, press RECORD/PLAY Button once to switch to Playback Mode. Press a second time to return to Record Mode.
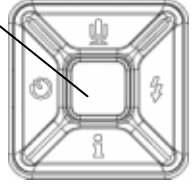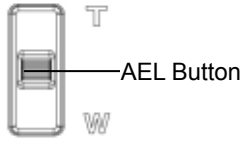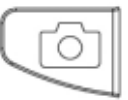
◆ Turning the Camera Off

To turn off the Camera, you can either press the Power Button for one second, or you can place the LCD panel back to its original position.

Record Mode

◆ Button Function

Enter Button	**Right Button :** Auto Flash/Flash ON/OFF/Red-Eye Reduction/Light ON **Left Button** :Self-Timer ON/OFF **Up Button** : Voice Recording Mode **Down Button:** LCD Information ON/OFF **Enter Button :** Menu ON
	Power Button: Press down for one second to turn on or turn off the camera.
	RECORD/PLAY Button functions: 1. Switch between Record /Playback Mode. 2. Return to the previous page.
AEL Button	**Tele-Wide Button:** Digital Zoom in and out. **AEL Button:** Auto Exposure Lock
	Movie Shutter Button: 1. Start to take movie, or record voice. 2. To stop recording, press it again.
	Picture Shutter Button: 1. First Shutter: Auto Focus 2. Second Shutter: Take the picture

◆ LCD Monitor Information

The indicator shows below may display on LCD when movies and pictures are recorded：

(1)	**Record Mode**	
	📹	Movie Record Mode
	📷	Picture Record Mode
	🎤	Voice Record Mode
	((🖐))	Motion Stabilization
	🔳	Two in One Mode
	👤	Photo Frame
	🗂	Multi-Snap Mode
	🖼	Backlight Mode
	🌃	Night Mode
(2)	**Resolution**	
	Movie： D1 D1 / ⭐⭐High / ⭐⭐Standard / ⭐ Low	
	Picture: ⭐⭐High / ⭐⭐Standard / ⭐ Low	
(3)	Number of images or recording time of movie that can still be taken at current resolution.	
(4)	**AEL**	Auto Exposure Lock
(5)	💾	SD card inserted
(6)	🌷	Macro Position Focusing
(7)	**WB**	White Balance
(8)	Battery indicator： 🔋 full power / 🔋 medium power / 🔋 low power / 🔋 power empty	
(9)	A⚡	Auto Flash
	⚡	Flash On
	🚫	Flash Off

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	⚡	Red Eye Reduction
	💡	Light on
(10)	⏱	Self-timer enabled
(11)	**T/W**	12X Zoom (3X Optical Zoom x 4X Digital Zoom)
(12)	Date/Time: YYYY/MM/DD HH:MM	
(13)	🦶	Motion Detection

◆ MPEG4 Movie Recording

Press Movie Shutter button (📷) to start recording. When a movie is recording, a time indicator

will display on LCD monitor. To stop recording, press Movie Shutter Button (📷) again. Press

RECORD/PLAY Button to view the recorded movie.
Three resolution settings are available:

Quality
D1 **D1**
High Quality★★★
Standard Quality★★
Low Quality ★

◆ Picture Recording

Press the Picture Shutter Button (📷) to focus and press it again in sequence to take a picture.

Press RECORD/PLAY Button to view the picture.

Three resolution settings are available:

Image Quality
High Quality ★★
Standard Quality ★★
Low Quality ★

◆ Voice Recording

1. Press Upper Button (🎤) of Direction Buttons to switch to Voice Record Mode.

2. Press Movie Shutter Button (⬚) to record voice.

3. Press Movie Shutter Button (⬚) again to stop.

4. Press RECORD/PLAY Button to view the recorded voice.

◆ Using Optical & Digital Zoom

The optical & digital zoom magnifies images, when recording movies or taking pictures.

1. To zoom in/out, press the Tele/Wide Button.

2. The zoom could be set from 1x to 12x (3x optical * 4x digital) and the magnification ratio is indicated in the T/W bar on the LCD monitor.

◆ Options for Record Mode

Movie Mode	Picture Mode	Voice Pen	Effect	Set
● Resolution ● Macro Mode ● Exposure ● Light ● Sharpness ● White Balance ● Stabilization ● Motion Detect ● Night Mode ● Exit	● Resolution ● Macro Mode ● Exposure ● Two in One ● Photo Frame ● Flash ● Self-timer ● Sharpness ● White Balance ● Multi-snap ● Backlight ● Date printing ● Night Mode ● Exit	● Enter ● Exit	● Normal ● B/W ● Classic ● Negative ● Exit	● Sound ● Start-up Screen ● Time Setting ● Format Memory ● TV System ● Language ● Default Setting ● Exit

◆ Operations for Record Mode

Operation	Screen
1. Press Enter Button when in Movie/Picture Record Mode.	
2. Use Right/Left Buttons to move between main menu options, which are Movie Mode, Camera Mode, Voice Mode, Effect, and Set. Submenu will pop out while move to each main option. 3. Press Enter Button to validate sub option you select. 4. Select Exit option to exit submenu.	Enter Button

◆ Default Setting and Validation

The following table indicates the camera's default setting as well as its validation.

    1.Always: The setting always keeps valid.

    2.One Time: The setting is only valid either once or till camera power off.

	Validation	Default Factory Setting
Resolution	Always	High for Movie Standard for Picture
Macro Mode	One Time	Normal
Exposure	One Time	0EV
Light	Always	Off
Sharpness	One Time	Level 5
White Balance	One Time	Auto
Motion Stabilization	Always	Off
Motion Detect	One Time	Off
Two in One	One Time	Off
Photo Frame	One Time	Off
Flash	Always	Off
Self-Timer	One Time	Off
Multi-Snap	One Time	Off
Backlight Mode	One Time	Off
Date Printing	Always	Off
Night Mode	Always	Off
Effect	One Time	Normal
Sound	Always	On
Format Card	One Time	Off
TV System	Always	Depends on shipping area
Language	Always	Depends on shipping area
Volume	Always	Level 6

◆ Movie Mode submenu Setting

Record main menu includes camera setting and other advanced setting. You can use Right/Left Buttons to move between options and press Enter Button to validate the setting.

◆ Movie Resolution

To change Movie Resolution:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.

3. Use Up/Down Buttons to select Resolution then press Enter Button to switch to Resolution submenu.

4. Use Up/Down Buttons to move between four settings.

5. Press Enter Button to validate the setting and exit.

Display Screen	Video Resolution Option

◆ Macro Mode

With Macro Mode set to Macro, you could take closer images of objects in distance of 10cm to infinite.

To enable Macro Mode:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.
3. Use Up/Down Buttons to select Macro Mode then press Enter Button to switch to Macro Mode submenu.
4. Use Up/Down Buttons to move between two settings.
5. Press Enter Button to validate the setting and exit.
6. To switch back to the default value, select 'Normal' in the Macro Mode submenu.

Display Screen	Video Resolution Option
Enter Button	

◆ Exposure

The camera adjusts image exposure automatically. In certain circumstances you may wish to adjust the exposure compensation setting.

To change Exposure setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.
3. Use Up/Down Buttons to move to Exposure Option. Press the Enter Button and then Exposure Submenu will pop out on the screen.
4. Use Up/Down Buttons to choose preferred EV value. The change can be previewed immediately.
5. Press Enter Button to validate the setting and exit.

Display Screen	Exposure Option

Enter Button

◆ Light

There is light support in Movie Mode. To enable the light, press the hot key (Right Button) or select from the option menu.

On( ): The LED will be turned on and keeps providing light in the low light environment

Off: The LED is turned off

To enable Light:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.
3. Use Up/Down Buttons to select Light then press Enter Button to switch to Light submenu.
4. Use Up/Down Buttons to choose ON or OFF.
5. Press Enter Button to validate the setting and exit.

Note
- *The light will be disabled automatically when battery power is low (   )*

Display Screen	Flash Options

Enter Button

◆ Sharpness

You can soften and sharpen images to achieve different effects.

To change Sharpness setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.
3. Use Up/Down Buttons to select Sharpness then press Enter Button to switch to Sharpness submenu.
4. Use Up/Down Buttons to move between nine levels. The change can be previewed immediately.
5. Press Enter Button to validate the setting and exit.

Display Screen	Change Sharpness Setting
	Enter Button

◆ **White Balance**

The camera adjusts the color balance of images automatically. Three manual white balance settings are available:

1. Auto (Default): The camera automatically adjusts white balance.

2. Daylight: Under outdoors

3. Fluorescent: Under fluorescent light condition.

4. Tungsten: Under tungsten light condition.

To change White Balance Setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.

3. Use Up/Down Buttons to select White Balance, then press Enter Button to switch to White Balance submenu.

4. Use Up/Down Buttons to move between four settings. The change can be previewed immediately.

5. Press Enter Button to validate the setting and exit.

Display Screen	W/B Option

Enter Button

◆ Motion Stabilization

To enable Motion Stabilization:

6. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

7. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.

8. Use Up/Down Buttons to select Motion Stabilization then press Enter Button to switch to Motion Stabilization submenu.

9. Use Up/Down Buttons to choose ON or OFF.

10. Press Enter Button to validate the setting and exit.

Motion Stabiization	Motion Stabilization Option

Enter Button

Note

1. The captured screen will be smaller when motion stabilization is enabled.

2. Digital Zoom is disabled when motion stabilization is activated.
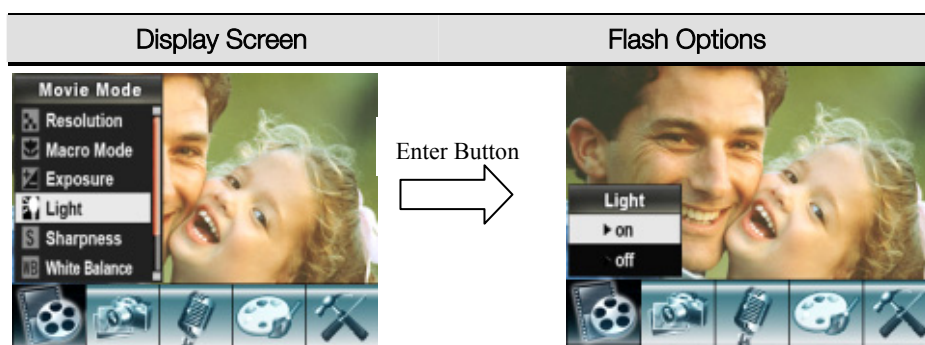
◆ Motion Detection

To enable Motion Detection:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.

3. Use Up/Down Buttons to select Motion Detect then press Enter Buttons to switch to Motion Detect submenu.

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4. Use Up/Down Buttons to choose ON or OFF.

5. Press Enter Button to validate the setting and exit.

6. Camera will start to record video once if there is a movement for 3 consecutive seconds. Stop recording if there is no movement for 3 seconds.

Motion Detect	Motion Detect Option
	Enter Button

◆ Night Mode

With the camera set to Night Mode, you can take images in a low-light environment.

To enable the Night Mode:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Movie Mode. Submenu of Movie Mode will pop out on the screen.

3. Use Up/Down Buttons to select Night Mode, then press Enter Buttons to switch to Night Mode submenu.

4. Use Up/Down Buttons to choose ON or OFF.

5. Press Enter Button to validate the setting and exit.

Night Mode	Night Mode Option
	Enter Button

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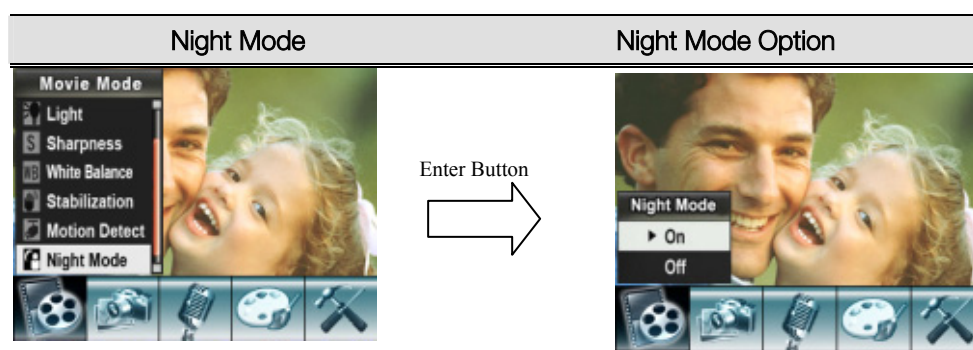
◆ Camera Mode Setting

◆ Picture Resolution

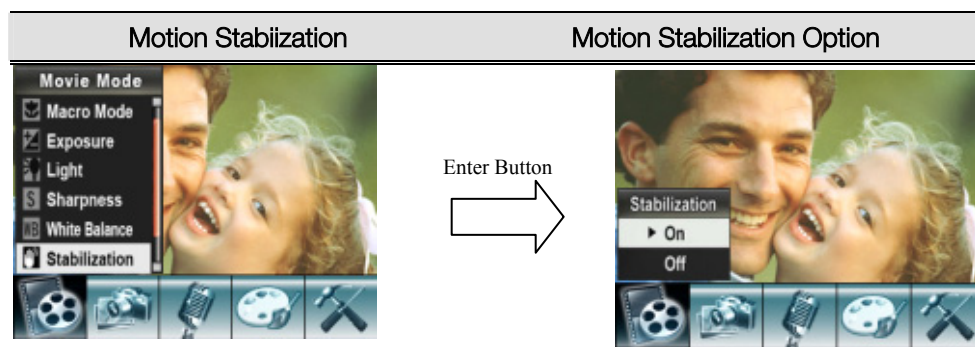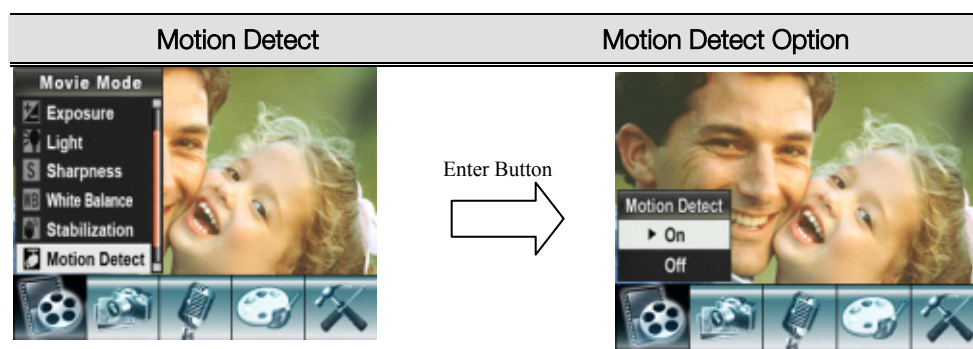To change Picture Resolution:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on the screen.
3. Use Up/Down Buttons to select Resolution then press Enter Button to switch to Resolution submenu.
4. Use Up/Down Buttons to move between three settings.
5. Press Enter Button to validate the setting and exit.

Display Screen	Video Resolution Option

Enter Button

◆ Macro Mode

With Macro Mode set to Macro, you could take closer images of objects in distance of 10cm to infinite.

To enable Macro Mode:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on the screen.
3. Use Up/Down Buttons to select Macro Mode then press Enter Button to switch to Macro Mode submenu.
4. Use Up/Down Buttons to move between two settings.
5. Press Enter Button to validate the setting and exit.
6. To switch back to the default value, select 'Normal' in the Macro Mode submenu.

Display Screen	Video Resolution Option
Enter Button	

◆ **Exposure**

The camera adjusts image exposure automatically. In certain circumstances you may wish to adjust the exposure compensation setting.

To change Exposure setting:
1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on the screen
3. Use Up/Down Buttons to move to Exposure Option. Press the Enter Button and then Exposure Submenu will pop out on the screen.
4. Use Up/Down Buttons to choose preferred EV value. The change can be previewed immediately.
5. Press Enter Button to validate the setting and exit.

Display Screen	Exposure Option
Enter Button	

◆ Two in One (Picture Record Mode Only)

With camera set to Two in One mode, you can combine two snapshots into one picture. To enable Two in One:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on the screen.

3. Use Up/Down Buttons to select Two in One then press Enter Button to switch to Two in One submenu.

4. Use Up/Down Buttons to choose ON or OFF.
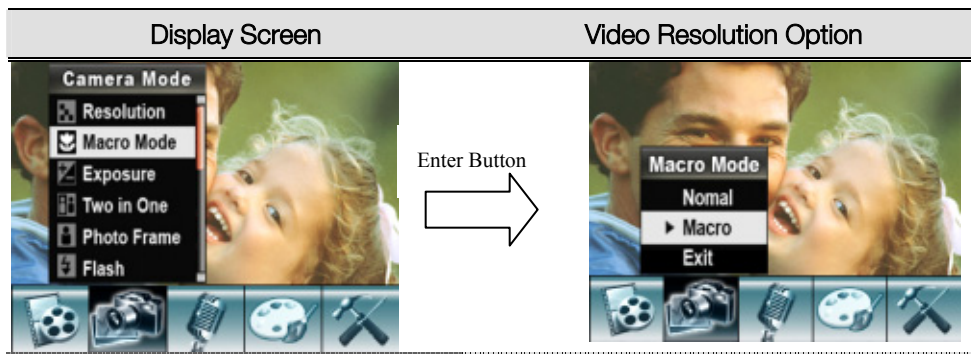
5. Press Enter Button to validate the setting and exit.

Display Screen	Two in One Option
	Enter Button →
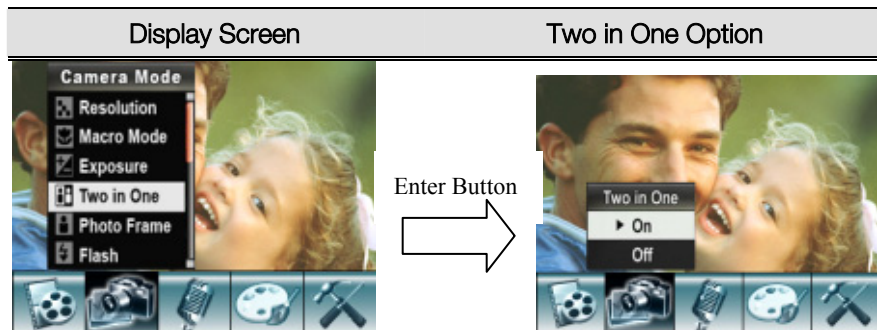
1.	Press Picture Shutter Button to take first picture.	
2.	Press Picture Shutter Button to take second picture.	
3.	Press the RECORD/PLAY Button to view the Two in One picture.	

◆ Photo Frame (Picture Record Mode Only)

Your camera features popular electronic photo frame. You can take your picture with preferred electronic photo frame. To enable Photo Frame:

1. When in Camera Mode, use Up/Down Buttons to select Photo Frame option, then press Enter Button to switch to Photo Frame submenu.

2. Use Up/Down Buttons to locate preferred photo frame. Then select Set option and press Enter Button to validate the setting and exit.

Display Screen	Photo Frame Option
Enter Button	
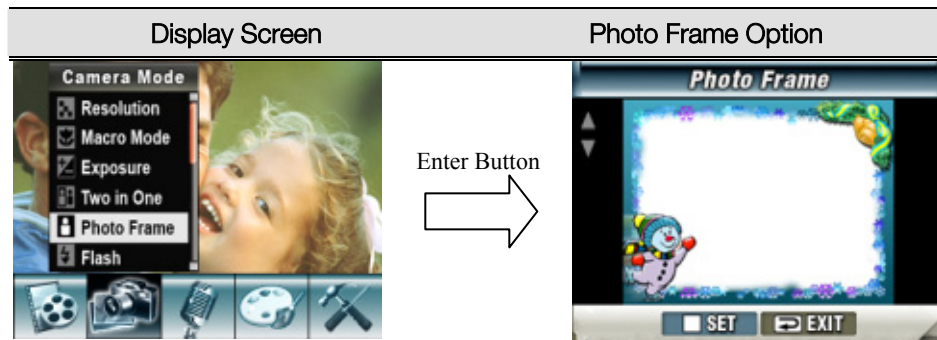
◆ Flash

There are four flash settings under Camera Mode. To change flash settings, press the hot key (Right Button) or select from the option menu.

❸ **Auto Flash(A⚡)：** The flash fires automatically according to light conditions. Use this mode for general photography.

❸ **Flash On(⚡)：** The flash will fire in every shot.

❸ **Flash Off(⚡)：** The flash will not fire under any circumstances. Use this mode when taking images in a place where flash photography is prohibited, or when the subject is distant (beyond the range of the flash).

❸ **Red-Eye Reduction(⚡):** The flash fires twice before the picture is taken

To change Flash setting:

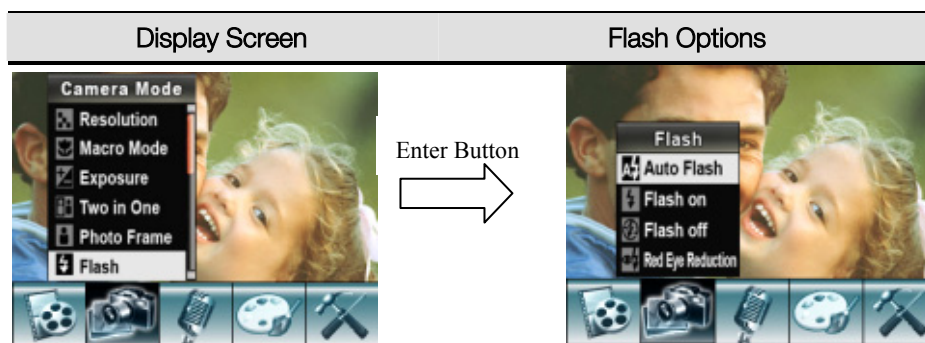1. When in Camera Mode, use Up/Down Buttons to select Flash Option, then press Enter Button to switch to Flash submenu.
2. Use Up/Down Buttons to move between 4 settings.
3. Press Enter Button to validate the setting and exit.

Note
- *The flash will be disabled automatically when battery power is low (▭)*

| Display Screen	Flash Options
Enter Button	

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◆ **Self-timer (Picture Record Mode Only)**

The self-timer allows you to take pictures with a ten-second time delay. To activate Self-timer by either hot key (Left Button) or Option Setting. The self-timer LED on the front of the camera beneath the flash light will also blink. The speed of blinking will increase just before the picture is taken.

To enable Self-timer:

1. When in Camera Mode, use Up/Down Buttons to select Self-timer, then press Enter Button to switch to Self-timer submenu.
2. Use Up/Down Buttons to choose On or Off.
3. Press Enter Button to validate the setting and exit.

Display Screen	Self-timer Options
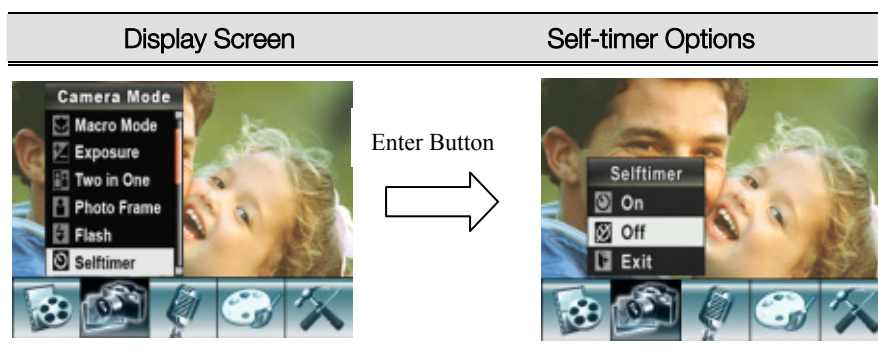
Enter Button

◆ **Sharpness**

You can soften and sharpen images to achieve different effects.

To change Sharpness setting:

1. When in Camera Mode, use Up/Down Buttons to select Sharpness Option, then press Enter Button to switch to Sharpness submenu.
2. Use Up/Down Buttons to select Sharpness then press Enter Button to switch to Sharpness submenu.
3. Use Up/Down Buttons to move between nine levels. The change can be previewed immediately.
4. Press Enter Button to validate the setting and exit.

Display Screen	Change Sharpness Setting

Enter Button

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◆ **White Balance**

The camera adjusts the color balance of images automatically. Three manual white balance settings are available:

1. Auto (Default): The camera automatically adjusts white balance.

2. Daylight: Under outdoors

3. Fluorescent: Under fluorescent light condition.

4. Tungsten: Under tungsten light condition.

To change White Balance Setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on the screen.

3. Use Up/Down Buttons to select White Balance, then press Enter Button to switch to White Balance submenu.

4. Use Up/Down Buttons to move between four settings. The change can be previewed immediately.

5. Press Enter Button to validate the setting and exit.

◆ **Multi-Snap (Picture Record Mode Only)**

With the camera set to Multi-Snap Mode, you can take five continuous pictures.

To enable Multi-Snap:

1. When in Camera Mode, use Up/Down Buttons to select Multi-Snap, then press Enter Button
   to switch to Multi-Snap submenu.

2. Use Up/Down Buttons to choose On or Off.
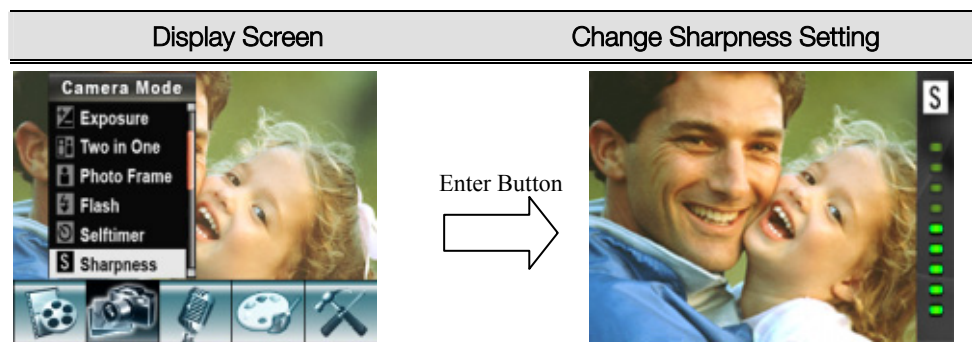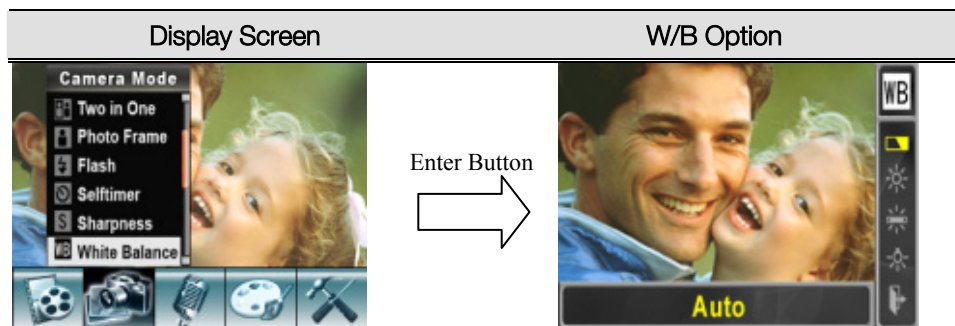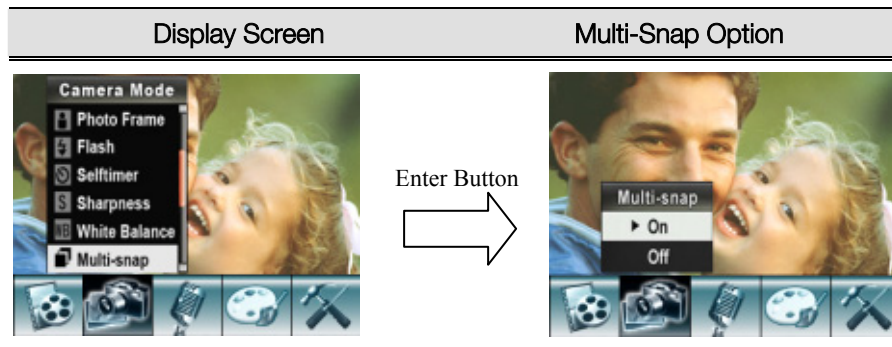
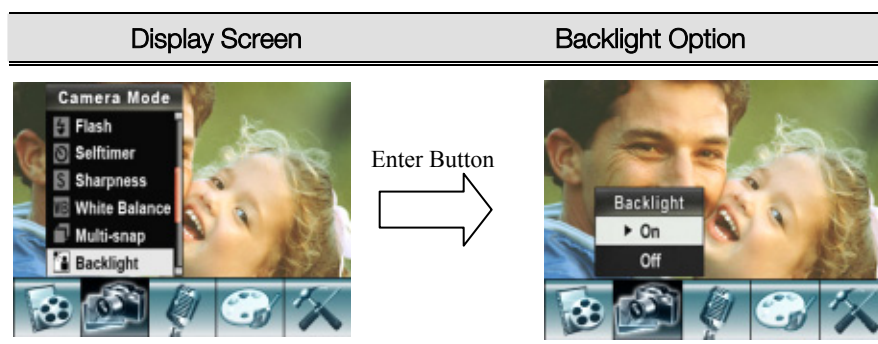3. Press Enter Button to validate the setting and exit.

Display Screen	Multi-Snap Option

Enter Button

◆ **Backlight (Picture Record Mode Only)**

With the camera set to backlight Mode, you can take shots when bright light is behind the subject.

To enable Backlight:

1. When in Camera Mode, use Up/Down Buttons to select Backlight, then press Enter Buttons to
   switch to Backlight submenu.

2. Use Up/Down Buttons to choose On or Off.

3. Press Enter Button to validate the setting and exit.

Display Screen	Backlight Option

Enter Button

◆ Date Printing

To enable Date Printing:

1. When in Camera Mode, use Up/Down Buttons to select Date Printing, then press Enter
   Buttons to switch to Date Printing submenu.

2. Use Up/Down Buttons to choose On or Off.

3. Press Enter Button to validate the setting and exit.

| Display Screen	Date Printing Option
	Enter Button
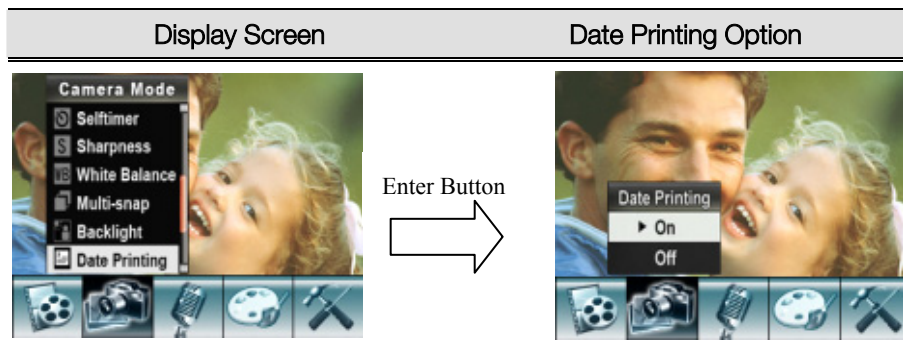
 Note

Date would be shown on the printed picture once date printing is enabled.

◆ Night Mode

With the camera set to Night Mode, you can take images in a low-light environment.
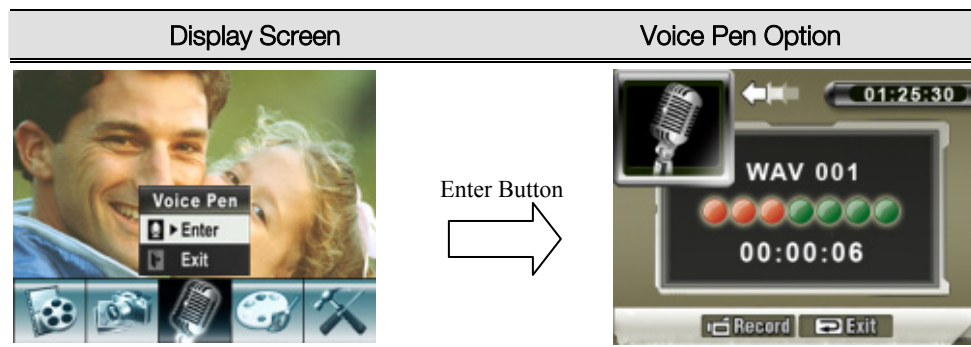
To enable the Night Mode:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to select Camera Mode. Submenu of Camera Mode will pop out on
   the screen.

3. Use Up/Down Buttons to select Night Mode, then press Enter Buttons to switch to Night
   Mode submenu.

4. Use Up/Down Buttons to choose ON or OFF.

5. Press Enter Button to validate the setting and exit.

Night Mode	Night Mode Option
	Enter Button
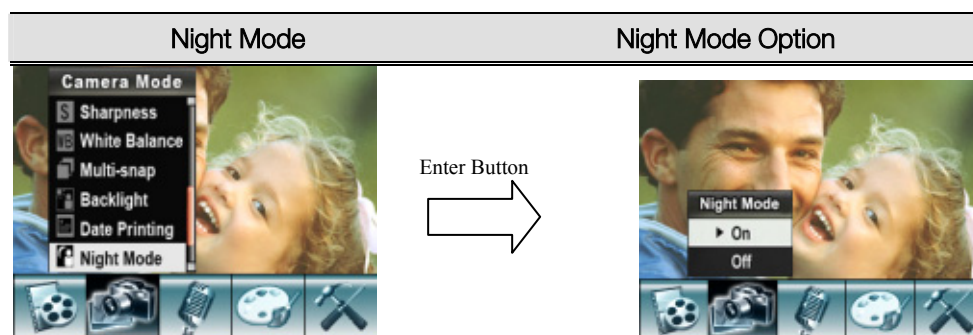
◆ Voice Pen

To enable voice recording:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.

2. Use Right/Left Buttons to move to Voice Pen Option. Then Voice Pen Submenu will pop out on the screen.

3. Use Up/Down Button to move between Enter and Exit Option.

4. Choose Enter option to enable voice recording and press Enter Button to validate the setting and exit.

Display Screen	Voice Pen Option

Enter Button

◆ Effect Setting

There are four modes which are Normal, Black/White, Classic and Negative.

To change Effect setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to move to Effect Option. Then Effect Submenu will pop out on the screen.
3. Use Up/Down Buttons to move between four settings. The change can be previewed immediately.
4. Press Enter Button to validate the setting and exit.

Display Screen

◆ Setting Menu

The Setting submenu contains options for configuring your camera set up.

To change advanced setting:

1. In Movie/Picture Record Mode, press Enter Button to switch to record menu screen.
2. Use Right/Left Buttons to move to Setting option, then Setting Submenu will pop out on the screen.
3. Use Up/Down Buttons to move between settings.

| Display Screen	Setting Option
	● Sound (operation sound) ● Start-Up Screen ● Time Setting ● Format Card ● TV System ● Language ● Default Setting

● **Sound Setting**

Enable or disable KeyPad tone and operation sound by using Up/Down Buttons, the press Enter Button to validate the setting.

| Submenu	Display Screen	Sound Setting
Sound		

● **Start-up Screen**

Customize the Start-Up Screen with your favorite pictures. Press Right/Left Buttons to select the picture you want and press Enter Button to validate the setting and exit.

Submenu	Display Screen	Start-Up Screen
Start-Up Screen		

)
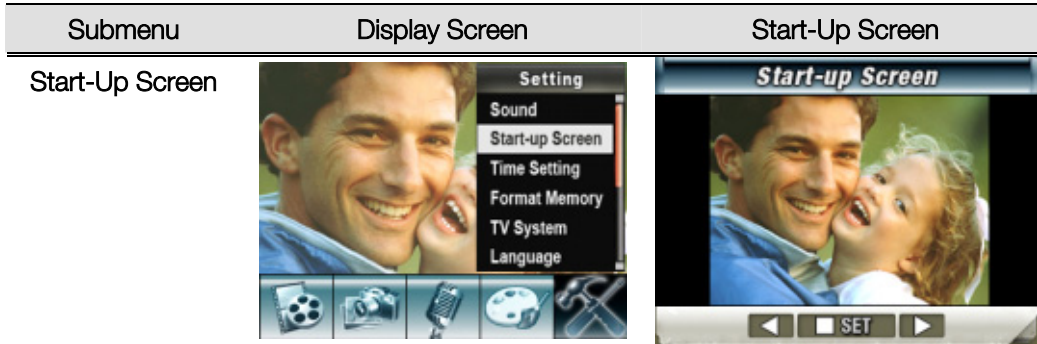
If you do not want to customize the start up screen, press Left/Right Buttons and select No Start-Up Screen.

No Start-Up Screen
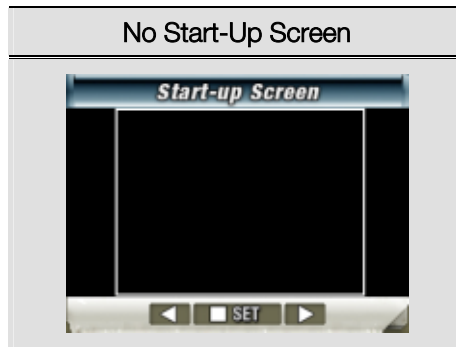
● **Time Setting**

● Move between Date, Time, Set and Exit by using Left/Right Buttons.

● Adjust date and time by using Up/Down Buttons, then select Set to validate each change.

● Select Exit to leave Time Setting without any change.

Submenu	Display Screen	Time Setting
Time Setting		

● Format Memory/Card

Submenu	Display Screen	Format Card Options
Format Memory/Card		

Yes：Format the SD Card / built-in memory

No (Default)：Do not format SD Card / built in memory

Note
● All the data will be erased if the SD card is formatted. Make sure all the data are duplicated to PC before formatting SD card.
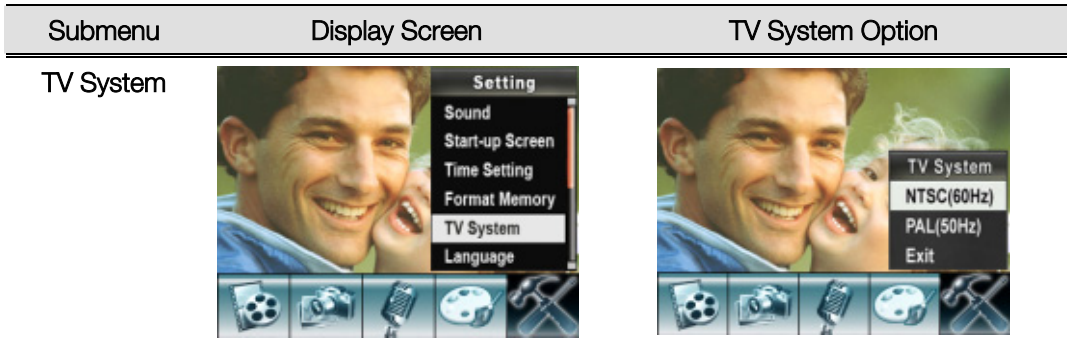
● **TV System**

Ensure that the appropriate TV standard of your area is selected – either NTSC or PAL.

Wrong TV system setting may cause image flicker.

NTSC standard: USA, Canada, Japan, South Korea and Taiwan etc.

PAL standard: UK, Europe, China, Australia, Singapore and Hong Kong etc.
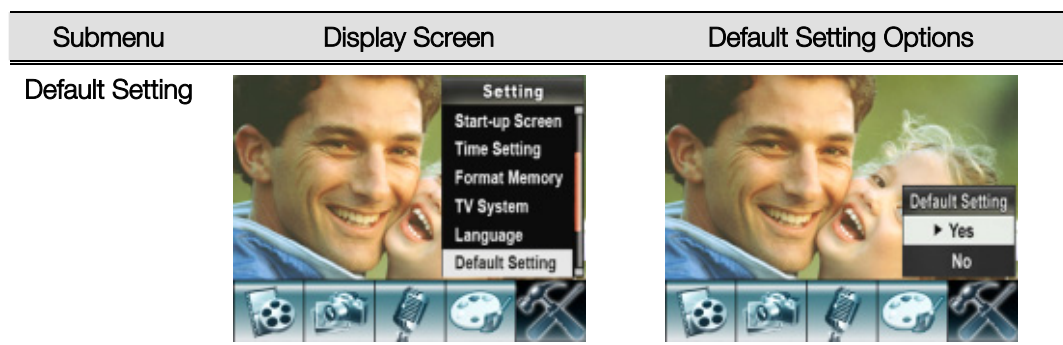
Submenu	Display Screen	TV System Option
TV System		

● **Selecting Interface Language**

Submenu	Display Screen
Language	
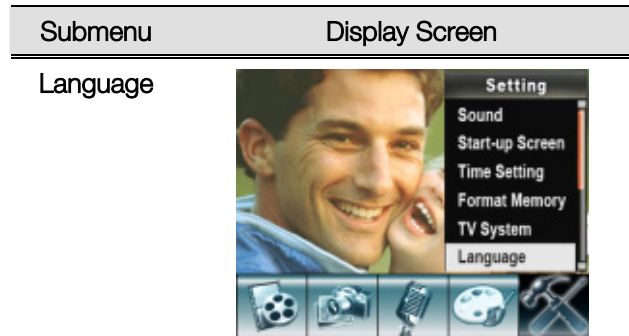
● **Default Setting**

To restore the default factory setting, select this option.

Submenu	Display Screen	Default Setting Options
Default Setting		

Playback Mode

Press RECORD/PLAY Button to switch from Record Mode to Playback Mode.

The Playback Mode is for viewing and managing movies and pictures as well as listening to voice and music, or read eBook on the built-in memory or on an optional memory card.

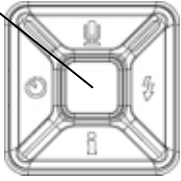| Operation	Display Screen
Press RECORD/PLAY Button to switch from Record Mode to Playback Mode Main Menu. ● There are five options in the Playback Mode, movie, picture, voice, music, and eBook. ● Direction Buttons can be used to select the specific option. ● Press Enter Button to view movies/pictures, listen to voice/music, or read eBook.	

Note

When any recorded movie, picture, voice, music, or eBook is stored in the camera, a folder will be shown on the respective playback mode.
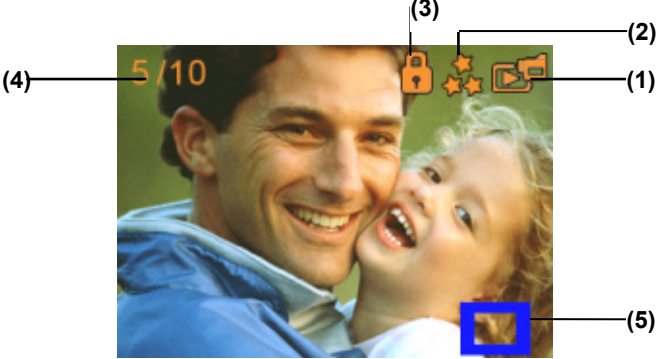
◆ Button Functions

The Direction Buttons have the following functions in Movie and Picture Playback Modes.

Enter Button 	**Right Button :** Go to the next movie/ picture. **Left Button** : Go to the previous movie/ picture. **Up Button** : Invalid **Down Button :** Information ON/OFF **Enter Button :** Enter to movie, picture, voice, music or e-Book option menu.
	RECORD/PLAY Button functions: 1. Switch between Record and Playback modes. 2. Return to the previous page.
	Tele-Wide Button: Digital Zoom in and out.
	Movie Shutter Button : Start playing the recorded movie or voice

◆ LCD Monitor Information

Indicators on the LCD screen while in Playback Mode：

(1)	Mode Indicator	
		Movie Playback Mode
		Picture Playback Mode
(2)	Resolution Indicator	
	D1	D1
		High Resolution
	★★	Standard Resolution
	★	Low Resolution
(3)	Indicate the selected movie/picture is locked.	
(4)	Current Number/ Total number of movie, picture, voice, or MP3.	
(5)	Magnification Indicator.	

◆ Movie Playback

Operation	Display Screen
1. Use Direction Buttons to select the Movie option. 2. Press Enter Button to go to Movie Playback Mode.	
3. Use Right/Left Buttons to go to the next or last movie. 4. Press Movie Shutter Button to play and press it again to pause. 5. While playing movie, press Right/Left Buttons to fast forward/backward, then release the button to stop. 6. Use Up/Down Buttons to adjust volume.	
7. Press Enter Button to go to the movie option menu. 8. Use Direction Buttons to select six options, Delete, Thumbnail, Lock, Repeat One, Repeat All, or Exit.	

◆ Delete Movies

Operation	Display Screen
1. Use Direction Buttons to select the Delete option ( ).	
2. Press Enter Button to go to the Delete menu. 3. Use Right/Left Buttons to select the movie. 4. Use Up Button to delete all movies and Down Button to delete single movie. 5. Before a movie is deleted, a confirmation screen will appear; choosing "Yes" will execute the operation and "No" to cancel the operation. 6. Press Enter Button to exit.	

Note
If a memory card is fitted, you can delete only those movies stored on the card.

Note
Movies on a written-protected memory card cannot be deleted.

Note
The delete function will only erase unlocked movies. Locked movies must be unlocked before being deleted.

◆ Thumbnail Function

Operation	Display Screen
1. Use Direction Buttons to select the Thumbnail option ( ).	
2. Press Enter Button to view nine thumbnail movies. 3. To play a movie, use Direction Buttons to select the movie and press Enter Button to view.	

◆ Lock Movies

Single or all movies can be locked. This function can prevent the movies from being deleted accidentally.

Operation	Display Screen
1. Use Direction Buttons to select the Lock option ( ). 2. Press Enter Button to go to the Lock menu.	
3. Use Right/Left Buttons to select the movie. 4. Use Up Button to lock/unlock all movies and Down Button to lock/unlock single movie. 5. Before a movie is locked/unlocked, a confirmation screen will appear; choosing "Yes" will execute the operation, "No" will cancel the operation. 6. Press Enter Button to exit.	

◆ Repeat Movies

This function automatically repeats playing single movie or all movies in order.

Operation	Display Screen
1. Use Direction Buttons to select the Repeat One option ( ) or Repeat All option ( ). 2. Press Enter Button to start repeating.	

◆ Picture Playback

Operation	Display Screen
1. Use Direction Buttons to select the Picture option. 2. Press Enter Button to go to Picture Playback Mode.	
3. Use Right/Left Buttons to go to the next or last picture. 4. While the picture is selected, use Tele/Wide Buttons to magnify. 5. Use Direction Buttons to navigate the magnified picture.	
6. Press Enter Button to go to the picture option menu. 7. Use Direction Buttons to select five options, Delete, Thumbnail, Lock, Slideshow, or Exit.	

◆ Delete Picture

Operation	Display Screen
1. Use Direction Buttons to select the Delete option ( ).	
2. Press Enter Button to go to the Delete menu. 3. Use Right/Left Buttons to select the picture. 4. Use Up Button to delete all pictures and Down Button to delete single picture. 5. Before a picture is deleted, a confirmation screen will appear; choosing "Yes" will execute the operation, "No" will cancel the operation. 6. Press Enter Button to exit.	

Note

If a memory card is fitted, you can delete only those pictures stored on the card.

Note

Pictures on a written-protected memory card cannot be deleted.

Note

The delete function will only erase unlocked pictures. Locked pictures must be unlocked before being deleted.

◆ Thumbnail Function

Operation	Display Screen
1. Use Direction Buttons to select the Thumbnail option ( ).	
2. While selecting Thumbnail option, press Enter Button to view nine thumbnail pictures. 3. To view a picture, use Direction Buttons to select the picture. 4. Press Enter Button to view the selected picture.	

◆ Lock Pictures

Single or all pictures can be locked. This function can prevent the pictures from being deleted accidentally.

Operation	Display Screen
1. Use Direction Buttons to select the Lock option ( ).	
2. Press Enter Button to go to the Lock menu. 3. Use Right/Left Buttons to select the picture. 4. Use Up Button to lock/unlock all pictures and Down Button to lock/unlock single picture. 5. Before a picture is locked/unlocked, a confirmation screen will appear; choosing "Yes" will execute the operation, "No" will cancel the operation. 6. Press Enter Button to exit.	

◆ Make Slide Show

This function automatically repeats all pictures in order.

Operation	Display Screen
1. Use Direction Buttons to select the Slide option ( ). 2. Press Enter Button to start the slide show; Press it again to stop.	

◆ Voice Playback

◆ Direction Buttons Function

In Voice Playback Mode, the Direction Buttons have the following functions:

	Right/ Left Buttons： Select the last or next voice. **Up/Down Buttons：** Adjust the voice playback volume. **Enter Button：** Switch to voice option menu.

Operation	Display Screen
1. Use Direction Buttons to select the Voice option. 2. Press Enter Button to go to Voice Playback Mode.	
3. Use Right/Left Buttons to go to the next or last voice recording. 4. Press Movie Shutter Button to start playing back the selected voice. Press it again to stop. 5. Use Up/Down Buttons to adjust the volume. 6. Press Enter Button to go to the voice playback option menu.	
7. Use Up Button to select Delete option and Down Button to select Repeat option.	

8. Press Up Button once to repeat single voice; Press twice to repeat all voice recording. 9. Press it again to disable the repeat function. 10. The repeat icons will be different while selecting Repeat One option and Repeat All option.	 5/45 WAV 036 02:11:26 ▲ Delete ▼ Repeat ■ Return 5/45 WAV 036 02:11:26 ▲ Delete ▼ Repeat ■ Return
11. To delete a voice, use Right/Left Buttons to select the voice. 12. Use Up Button to delete all voice recordings and Down Button to delete single voice recording. 13. Before a voice is deleted, a confirmation screen will appear; choosing "Yes" will execute the operation, "No" will cancel the operation. 14. Press Enter Button to return to the previous page. 15. Press Record / Play Button to exit Voice mode.	 ▲ ALL ▼ ONE ■ Return

Listening to MP3 Music
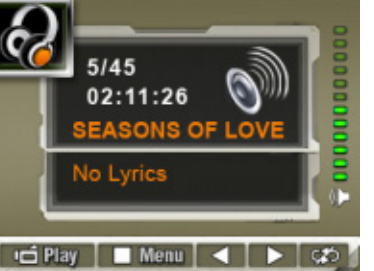
◆ MP3 Music
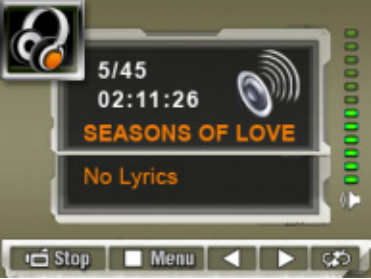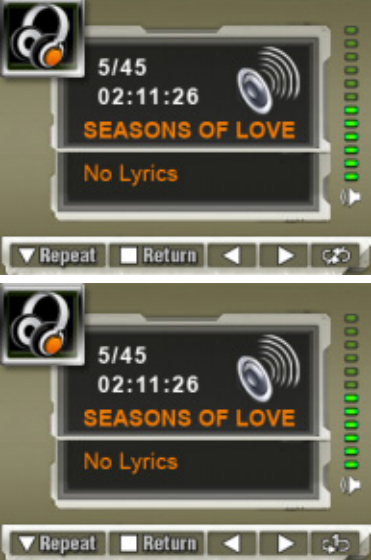
MP3 is a compressed audio file format. The MP3 music can be downloaded from some MP3 web sites. This DV includes the feature of MP3 play with lyrics display. To enable this function, make sure both .mp3 and .lrc files with the same file name are copied to the memory.

◆ Transfer MP3 Music to the camera

1. Install the camera driver on your computer.
2. Connect your camera to the computer USB port.
3. The Red LED will light when the camera is connected to the computer and in Mass Storage Mode.
4. Transfer MP3 music to My Computer\Removable Disk\MP3.
5. Once all the music is transferred, disconnect the USB cable from the PC.

◆ Listen to MP3 Music

Operation	Display Screen
1. In Playback Mode, use Direction Buttons to select the Music option	
[LIST_MENU] 2. Use Up/Down Buttons to locate MP3 you want to play, or press Right/Left Buttons to jump to the next/previous page. There is an icon ♪ in the front for those MP3 with Lyrics display.	
[PLAY/STOP_MENU] 3. Press Movie Shutter Button to play MP3 4. Press Movie Shutter Button again to stop playing. 5. Press Up/Down Buttons to adjust volume. 6. Press RECORD/PLAY button to return to LIST MENU when MP3 stops playing.	

[REPEAT_MENU] 7. Press Enter Button to go to repeat menu. 8. Press Down Button once to repeat current MP3( ). 9. Press Down Button twice to repeat all MP3( ). 10. Press Enter Button to return to PLAY/STOP MENU.	

◆ Listen to MP3 Music with earphone

MP3 stored in the camera can be played either by built-in speaker, or Earphone, or TV.

When the earphone cable is plugged in the camera, the option menu of Earphone/TV pops out on the LCD Screen. Choose earphone or TV and press Enter Button to validate the setting.

Important Safety Information

Avoiding water and wet locations

Do not use the product in rain, or near washbasins or other wet locations. Take care not to spill any food or liquid into the product. In case the product gets wet, unplug all cables, turn it off and allow it to dry thoroughly before turning it on again.

Avoid hearing damage

Permanent hearing loss may occur if earphones are used at high volume. Set the volume to a safe level. You can adapt over time to a higher volume of sound that may sound normal but can be damaging to your hearing. If you experience ringing in your ears of muffled speech, stop listening and have your hearing checked. The louder the volume, the less time is required before your hearing could be affected. Hearing experts suggest that to protect your hearing:

- limit the amount of time you use earphones at high volume
- avoid turning up the volume to block out noisy surroundings
- turn the volume down if you can't hear people speaking near you

Note

The sound level is below 100 db, in accordance with the European legislation.

Reading eBook

◆ eBook
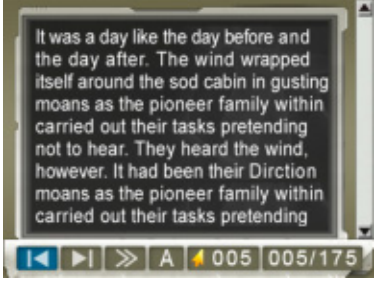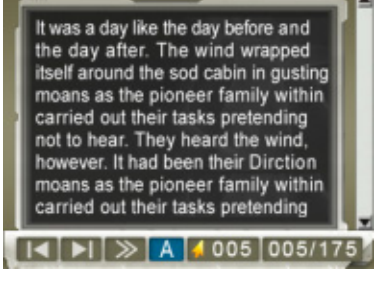
An eBook is an electronic edition of a physical book. eBooks in your camera have many features that traditional paper books do not: you have the freedom to control the look and feel of your eBook through colors, your own bookmarks, carrying your eBooks anywhere with your camera.

◆ Transfer eBooks to the camera

1. Install the camera driver on your computer.
2. Connect your camera to the computer USB port.
3. The Red LED will light when the camera is connected to the computer and in Mass Storage Mode.
4. Transfer eBooks, .txt file format only, to My Computer\Removable Disk\eBook.
5. Once all the files is transferred, disconnect the USB cable from the PC.

◆ Read eBooks

Operation	Display Screen
1. In Playback Mode, use Direction Buttons to select the eBook option	
2. Use Up/Down Buttons to select eBook you want to read, or press Right/Left Buttons to jump to the next/previous page. There is an icon in the front for those eBooks with bookmark added.	

3. Press Enter Button to read the eBook. 4. Press Up/Down Buttons to scroll up/down the text	It was a day like the day before and the day after. The wind wrapped itself around the sod cabin in gusting moans as the pioneer family within carried out their tasks pretending not to hear. They heard the wind, however. It had been their Dirction moans as the pioneer family within carried out their tasks pretending 005 005/175
5. Select ◄ to jump to the first page 6. Select ►I to jump to the last page 7. Select **A** to change the color of text and background. 8. Select » to auto scroll down the text. 9. Select ⚑ to add a bookmark.	It was a day like the day before and the day after. The wind wrapped itself around the sod cabin in gusting moans as the pioneer family within carried out their tasks pretending not to hear. They heard the wind, however. It had been their Dirction moans as the pioneer family within carried out their tasks pretending 005 005/175

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Viewing MPEG4 Movie on PC

◆ MPEG4 Movie

MPEG4, the multimedia format and compression standards, is a cutting-edge compression technology developed by MPEG (Motion Picture Expert Group). It not only enhances the image quality but also improves the efficiency of recording capacity.

MPEG4 is adopted in this camera to take MPEG4 movies. The MPEG4 movie format of AVI is used in this camera.

◆ View MPEG4 Movie on PC

When playing an MPEG4 movie for the first time, MPEG4 Video Codec Xvid should be installed in PC. To do this:

(1) Insert the CD-ROM into the computer's CD-ROM drive. Click "Install Device Driver" (Install MPEG4 Video Codec Xivd) and follow the on-screen instructions to complete the installation.

(2) Start video player such as Widows Media Player to view MPEG4 AVI Movies.

◆ Share MPEG4 Movie

You can share the recorded MPEG4 movies to your friends via internet or CD. Make sure MPEG4 Video Codec Xvid is installed in your friends' PC. MPEG4 Video Codec Xvid is available in the provided CD or can be downloaded from Internet.

Section 8

Viewing Pictures and Movies on a TV

You can view stored movies and pictures on a television. To connect to a television:

1. Connect one end of the AV cable to your camera's AV Out port.

2. Connect the other end of the cable to a television.

3. The option menu of Earphone/TV pops out on the LCD Screen.
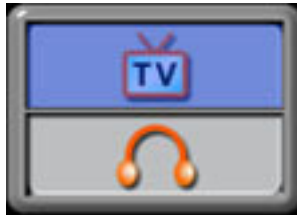
4. Choose TV option and press Enter Button to validate the setting.

5. The steps for viewing stored pictures and movie on a TV are exactly the same as for viewing them on the LCD monitor.

☀ **Note**

1. *The LCD monitor does not work when the camera is connected to a television.*

2. *Taking picture with high resolution is not supported while the camera connects to a TV.*

Video File Converter

Bundled software CD contains Acrsoft Media Converter that features video file converter to convert multiple video formats into MPEG4 Xvid compatible format with your camera. In this way, you can convert various video files formats and playback your favorite movies on your camera.

To convert a video file:

(1) Install Arcsoft Media Converter2 (Refer to section 11)

(2) Click Start → Select Programs→Arcsoft Media Converter2→Media Converter2

(3) Media Converter main Screen will appear on your desktop

(4) Select "Zoran Coach Compatible" at "Select Device" column. The "Select Conversion Parameter" will change to "Coach 7 Camera" respectively.

Compatible Device Selection

(5) Click "Add Media"

File Output Information pane   File Information pane

Preview Window   Converted File Path
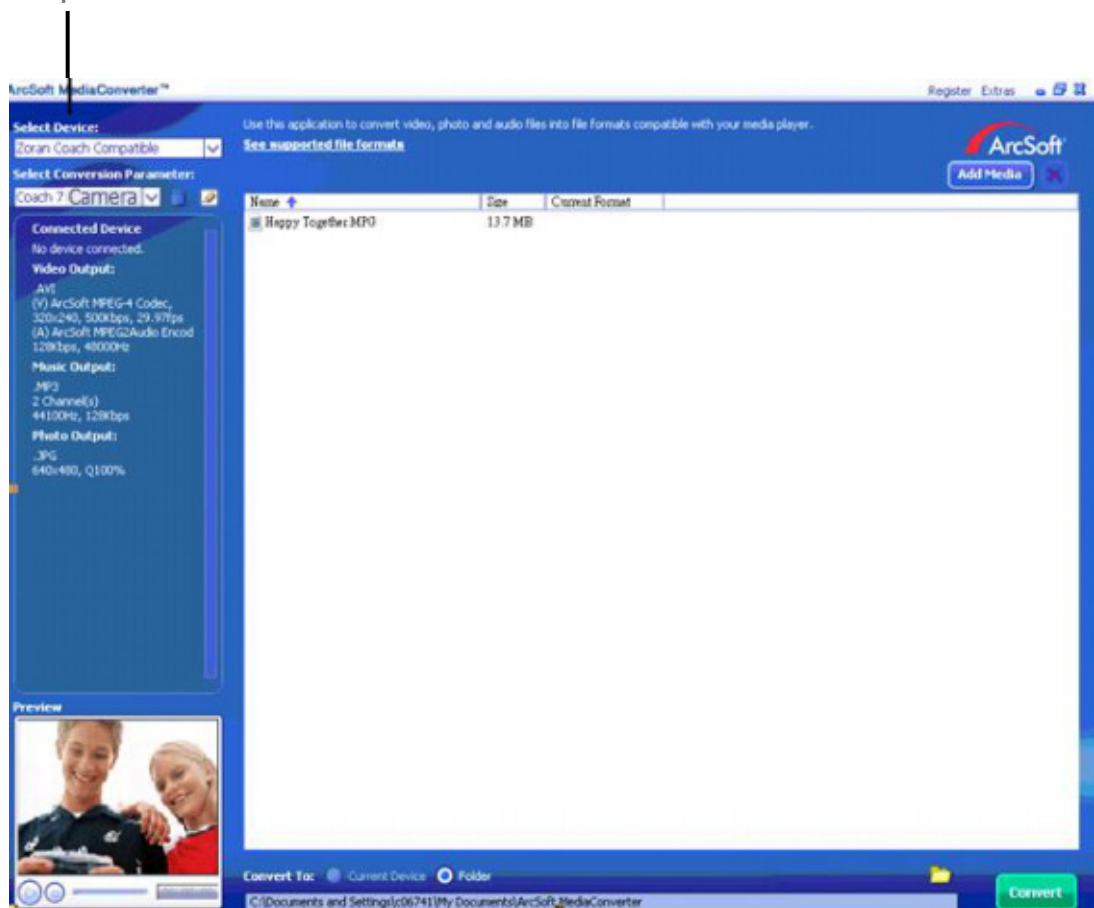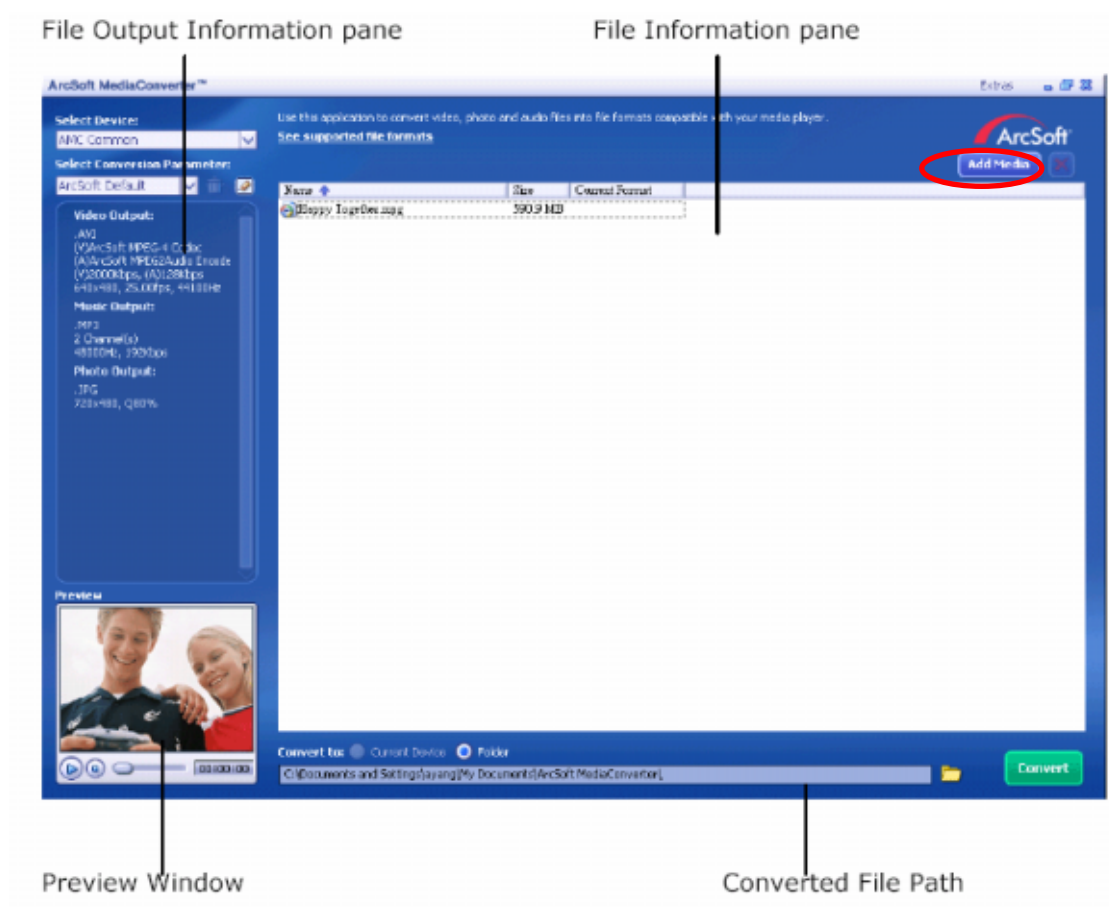
(6) Select Video file you want to convert
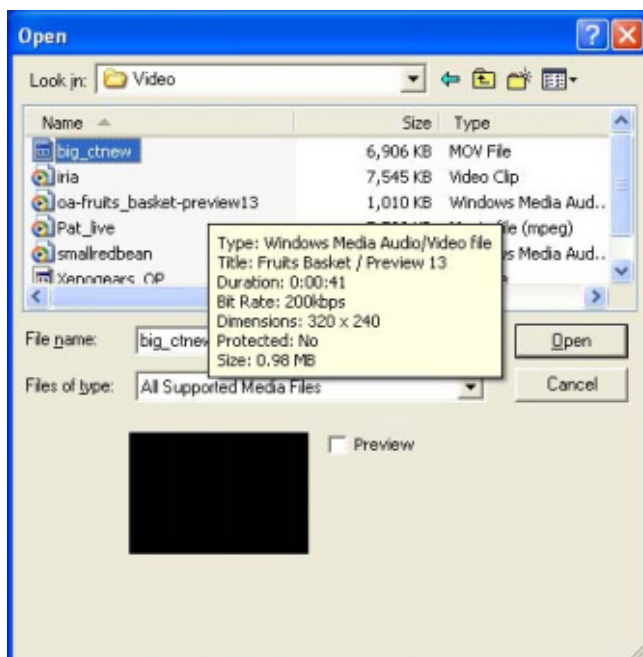
(7) You can preview your media files before converting. To preview media files, use the following control functions.

* Click to start previewing

*Click to stop previewing

Make sure your media files can be previewed before converting
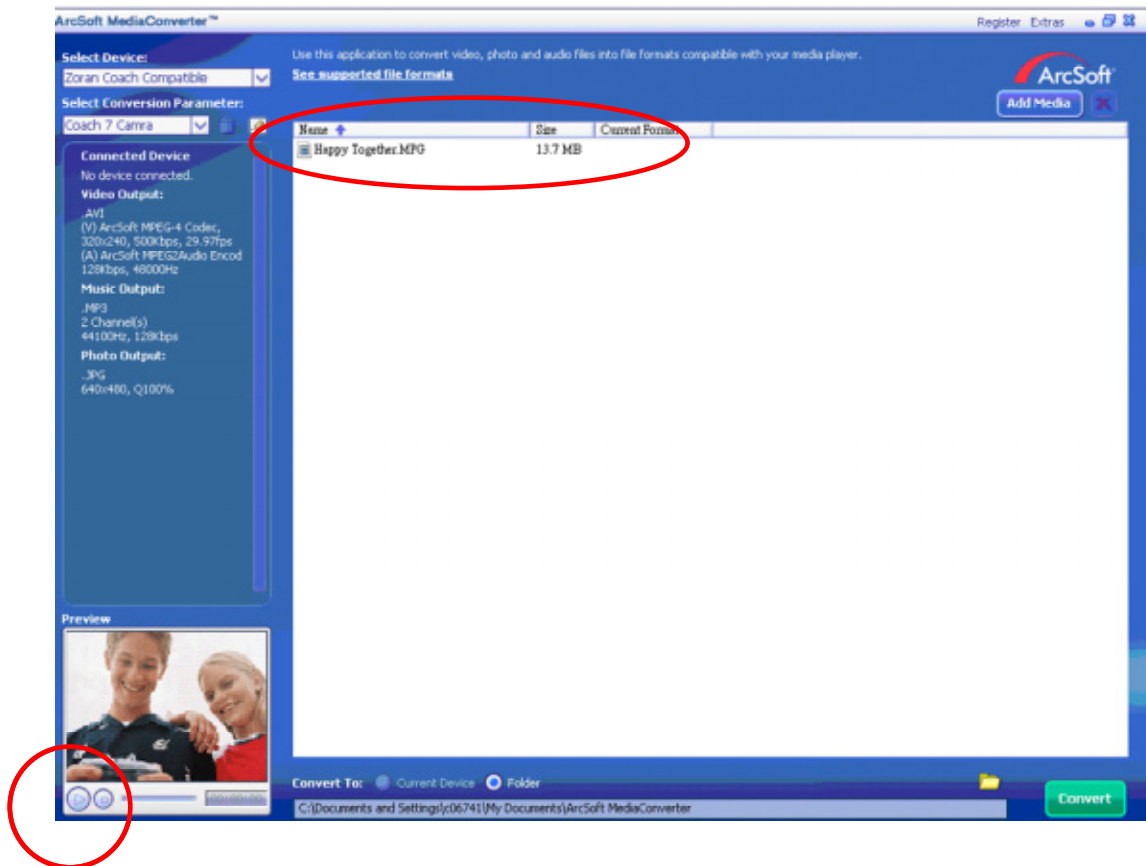
(8) Click on [Convert] to begin converting files

File Output Information pane   File Information pane

Preview Window   Converted File Path
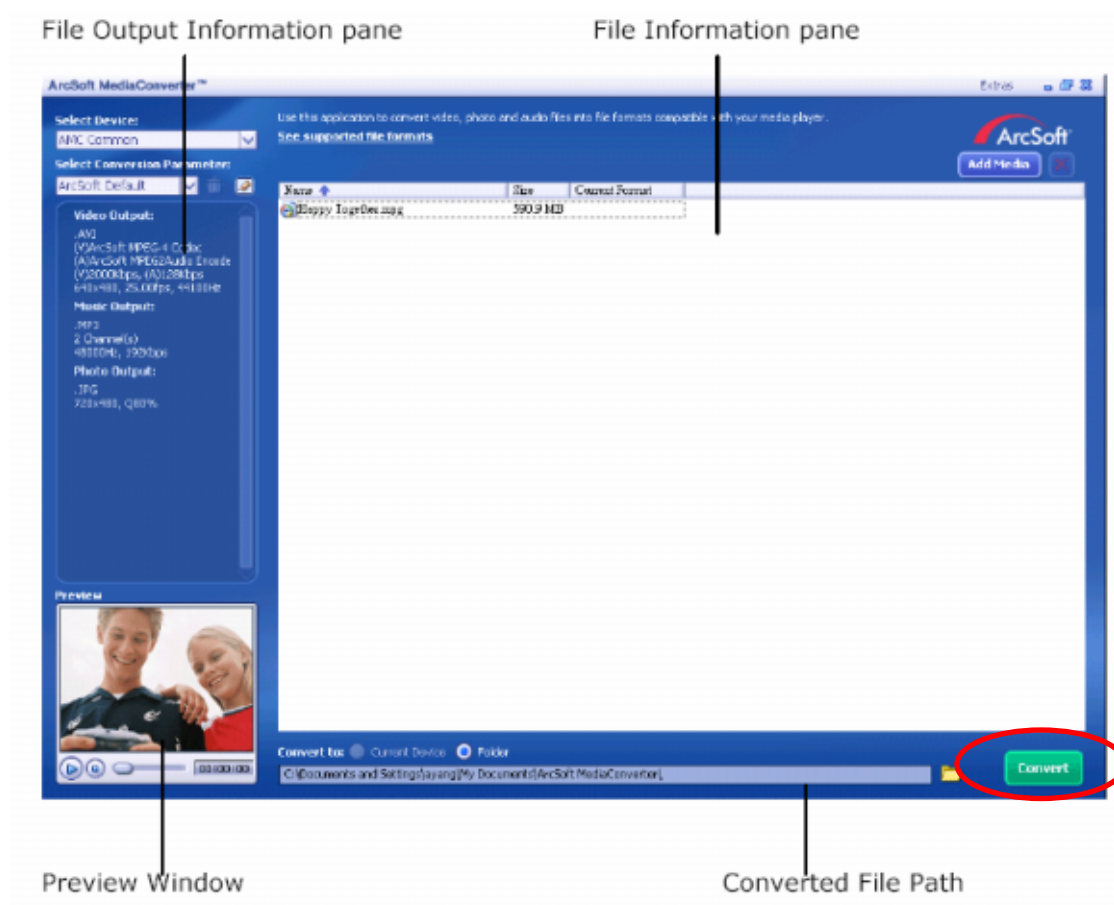
(9) Task Report window will pop out after the task is completed.

(10) Before transferring the converted file to your camera, rename the converted file to
     " Clip0001.avi". (Please note: if Clip0001.avi exists in the camera, then the converted file
     has to be renamed to clip0002.avi)

(11) Connect your camera to PC and transfer the converted video to "My
     Computer\Removable Disk\DCIM\200Movie" in your camera. (Refer to Section
     11Transferring Data to a Computer)

(12) After transferring the converted video to the camera, press RECORD/Play → REC/PLAY
     Button to enjoy your favorite movie.

Burning the Recorded Clip into DVD

Bundled software CD contains ArcSoft Showbiz DVD also feathers burning the movie clip into DVD. You can preserve your precious movies on DVD to share with family and friends. To create a DVD:

(1) Install Arcsoft Showbiz DVD (Refer to section 11)

(2) Click Start→ Select Programs→ Acrsoft Showbiz DVD→ Showbiz DVD

(3) Showbiz DVD main Screen will appear on your desktop.

(4) Drag Video File to " Drag Video Here"
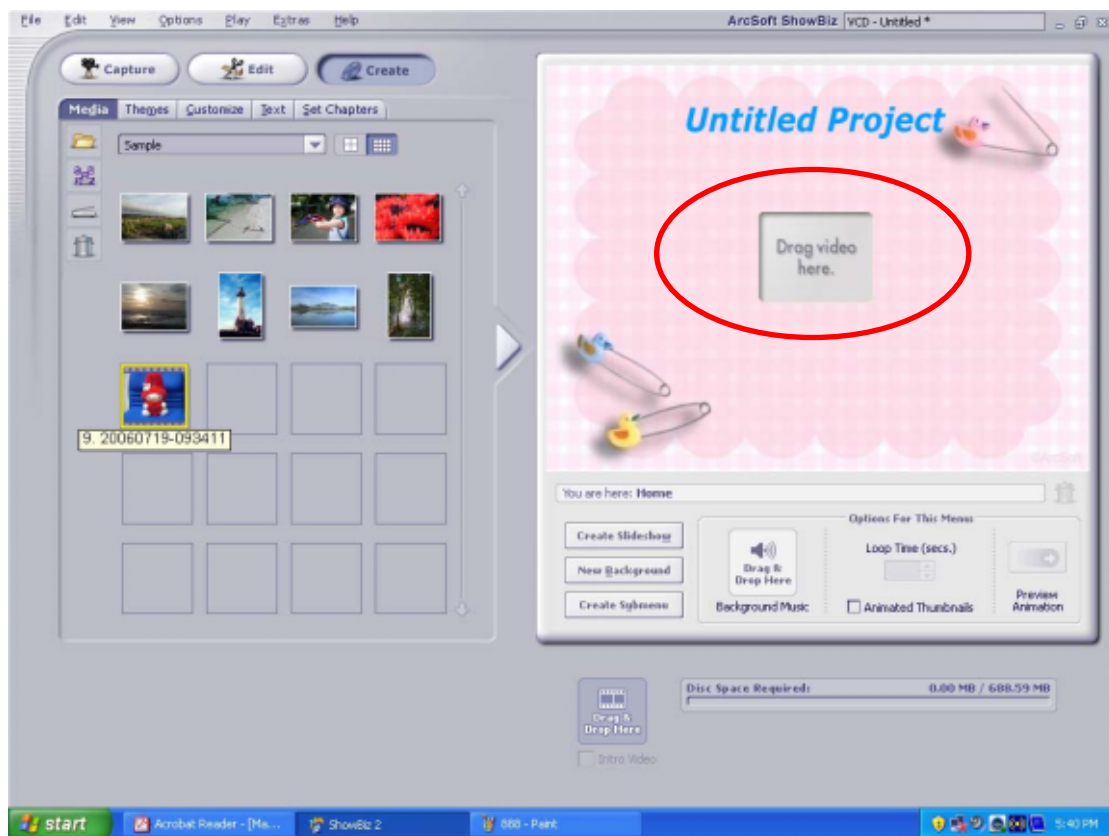
(5) Click " Create "
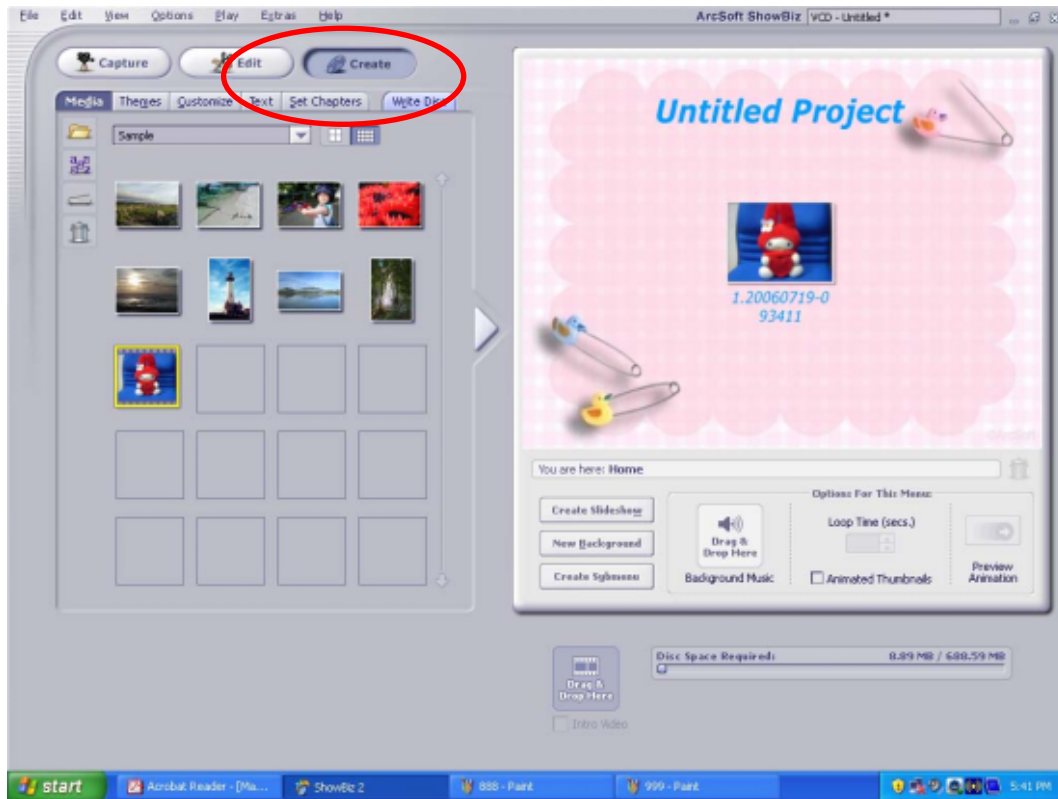
(6)   Click " Start " to start DVD burning
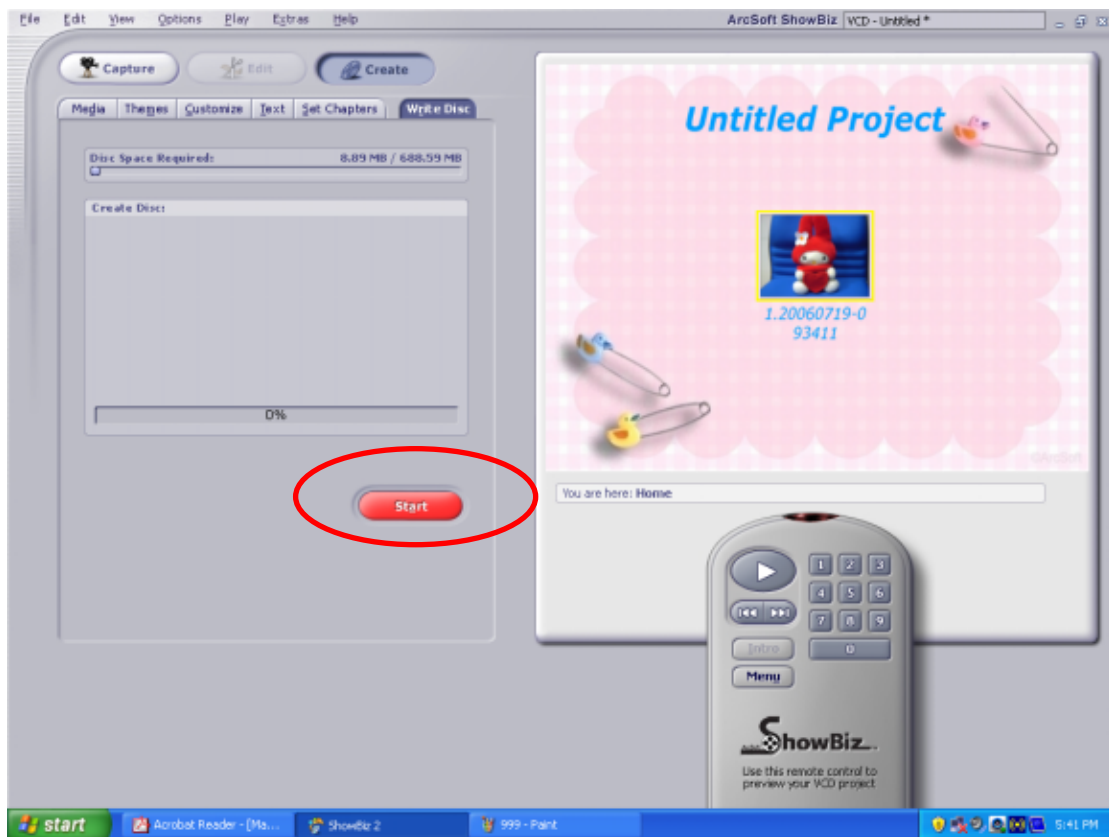
Transferring Data to a Computer

◆ Installing the Digital Camera Driver

Before connecting this camera to a computer for the first time, you should install a driver on the computer. The driver is on the CD-ROM disc provided in the package. To install the driver:

1. Insert the CD-ROM into the computer's CD-ROM drive. The autorun screen will appear.
2. Click "Install Device Driver". Follow the on-screen instructions to complete the installation. Depending on your operating system, you may have to restart your computer after installing the driver.

◆ Connecting Your Camera to a Computer

You can transfer pictures, movies or voice recordings stored on your camera to a computer and send them in emails to friends or post them on websites. To do this you should:

1. Install the camera driver on your computer.
2. Connect the computer and camera with the supplied mini USB 2.0 cable.
3. Default mode is Mass Storage Mode when the camera connects to PC
4. Transfer pictures or movies or MP3 or voice recordings

◆ Mass Storage Device Mode

The RED LED will light up when the camera is connected to the computer. Movies, pictures and voice recordings can be found on your computer at "My Computer\Removable Disk\DCIM\". Under this mode, you can read, delete, move, or copy any movie/picture/voice recording you want. Use the bundled Ulead application software to edit the movies or pictures.

◆ PC Camera Mode

When in Mass Storage Device Mode, press RECORD/PLAY Button to switch to PC Camera Mode and the GREEN LED will light up. Under this mode, you can implement live video conference meetings or use video email over the Internet.

◆ Installing Bundled Software

The CD-ROM supplied with this camera contains 5 pieces of software.

⇨ **Acrsoft PhotoImpression** is a user-friendly application that helps you read, edit and organize images.

⇨ **Acrsoft Show Biz** allows you to edit movies and is equally easy to use.

⇨ **Arcsoft Media Converter can** convert multiple video formats into MPEG4 Xvid compatible format with your camera

⇨ **Adobe Reader** is a popular program that you need to have installed to read the User's Manual. Many computer users will find they already have this software installed on their computer.

⇨ **MPEG4 Video Codec Xvid,** this decode software has to be installed for correctly viewing the movies you record.

The detail information can be found in online help of all the bundled software.

To install the bundled software:

1. Insert the CD-ROM into your computer's CD-ROM drive. The autorun screen appears.
2. Select the piece(s) of software you want to install from the list, then click **Install Application Software**. Follow the on-screen instructions to complete the installation.

Specifications and System Requirements

◆ Specification

Image Sensor	7 Mega Pixel Sensor
Operation Modes	Movie Record、Picture Record、Voice Record、e-Book、MP3 Player、PC Camera、Mass Storage Device
Lens	F3.0~5.0 (f = 6.0~15.8 mm)
Focus Range	60cm~infinite (Normal Mode) 10cm~infinite (Macro Mode)
Zoom	Optical: 3X; Digital: 4X
Shutter	Mechanical
LCD monitor	2.5" LTPS TFT LCD
Storage Media	Built-in 64MB Memory (partial memory is used for Firmware code); SD/MMC Card Slot support (up to 4GB)
Image Resolution	3744x2808 (11M Pixels) 3072x2304 (7M Pixels) 2048x1536 (3M Pixels)
Movie Resolution	D1 720x480 pixels 30fps VGA 640x480 pixels 30 fps QVGA 320X240 pixels 30 fps
White Balance	Auto/Manual (Daylight, Fluorescent, Tungsten)
Exposure	Auto/Manual
Light	On/Off
Self-Timer	10 second delay
Flash	Auto/On/Off/Red-Eye Reduction
File Format	Picture： JPEG Movie ： AVI (Xvid) Voice ： WAV Music ： MP3
Image play	Single Image/Thumbnails/Slideshow
PC Interface	Mini USB 2.0 Port
TV out	NTSC/PAL Selectable
Battery	Lithium-ion Rechargeable Battery
Dimension	119mm×64mm×30.5mm
Weight	165g（without battery）

◆ **System Requirement**

Windows 2000/XP/Vista
Pentium III 800MHz or higher
256 MB RAM
CD ROM
1GB free HDD space
Available USB port

◆ **Operating Environment Conditions**

Operating temperature: 5 to 35° C

Operating humidity: 20 to 80 %

(no condensation allowed)

TOSHIBA

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<u>EU Declaration of Conformity</u>

Toshiba declares, that this product conforms to the following Standards:

Supplementary Information:

"The product complies with the requirements of the Low Voltage Directive 2006/95/EC and the EMC Directive 2004/108/EC"

This product is carrying the CE-Mark in accordance with the related European Directives.

Responsible for CE-Marking is Toshiba Europe, Hammfelddamm 8, 41460 Neuss, Germany.

Manufacturer: Toshiba Corporation, 1-1 Shibaura 1-chome, Minato-ku, Tokyo, 105-8001, Japan

<u>Following information is only for EU-member states:</u>

The use of the symbol indicates that this product may not be treated as household waste. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local city office, your household waste disposal service or the shop where you purchased the product.

Need help?

TOSHIBA options & services support page:

computers.toshiba.eu/options-support

Please see

computers.toshiba.eu/options-warranty

for the TOSHIBA hotline numbers