PocketDV 3300

Users Manual

English

Welcome

Dear user, thanks for purchasing this product.
Much investment in time and effort has gone into its development,
and it is our hope that it will give you many years of trouble-free service.

Safety Notice

1. Do not drop, puncture or disassemble the camera; otherwise the warranty will be voided.

2. Avoid all contact with water and dry hands before using.

3. Do not expose the camera to high temperature or leave it in direct sunlight. Doing so may damage the camera.

4. Use the camera with care. Avoid pressing hard on the camera body.

5. For your own safety, avoid using the camera when there is a storm or lightning.

6. Avoid using batteries of different brands or types at the same time. There is potential of explosion by doing that.

7. Remove batteries during long periods between usage, as deteriorated batteries may affect the functionality of the camera.

8. Remove batteries if they show signs of leaking or distortion.

9. Use only the accessories supplied by the manufacturer.

10. Keep the camera out of the reach of children.
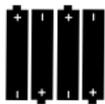
Package Contents

Camera

Users guide

Earphone

USB cable

AV cable
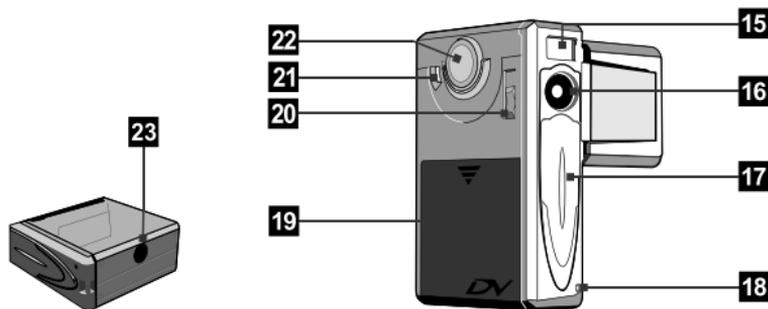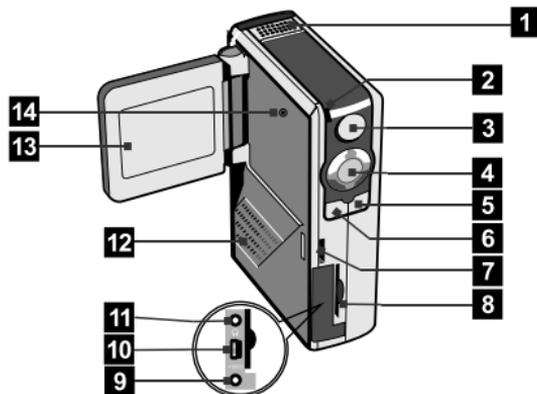
AA Alkaline batteries x 4

Bag

Tripod

Wrist Strap

Driver CD

Camera Parts

1. Microphone
2. Back LED
3. Shutter/Record Button
4. Direction Buttons
5. OK Button
6. Menu Button
7. Wrist Strap Hook
8. SD/MMC Card Slot
9. Video-out Connector
10. USB Connector
11. Earphone Connector
12. Speaker
13. LCD Panel
14. LCD On/Off Detector
15. Flash Strobe
16. Lens
17. Lens Cover
18. Front LED
19. Battery Cover
20. Focus Switch
21. Power On/Off Button
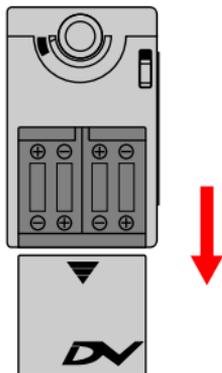22. Mode Switch
23. Tripod Socket

CHAPTER 1 *Preparing Your Camera*

Loading the batteries

Your camera runs on four AA alkaline batteries. High performance batteries are recommended for this camera for maximum battery life.
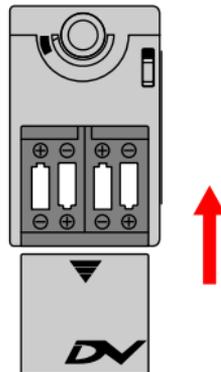
1. Slide the battery compartment cover open in the direction as indicated.

2. Place the batteries into the compartment. Note that the positive and negative ends cannot be reversed.
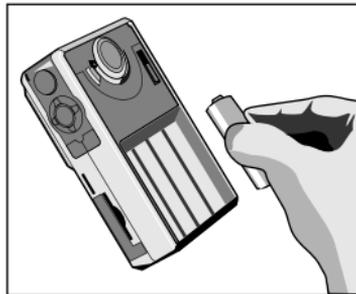
3. After the batteries are properly installed, replace the battery compartment cover.

Inserting the SD/MMC card (optional)

In addition to 16MB (128Mbits) built-in flash memory, your camera can store data on a Secure Digital (SD) card or a MultiMedia card (MMC). The supported memory size ranges from 8MB to 256MB.

To insert a SD/MMC card, gently push the card as indicated until the card reaches the end of the slot. Note that once a SD/MMC card is inserted, the camera will use the card as the main storage media. Files stored in the camera's built-in memory will become inaccessible until the SD/MMC card is removed.
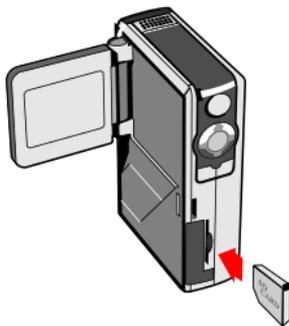
The SD card comes with a write-protect switch. When the write-protect switch is set to the **Lock** position, the card will become non-writable. To ensure that the camera can operate normally, you should set the write-protect switch to the **Unlock** position before inserting the SD card.

- Unlock
- Lock

SD Memory Card
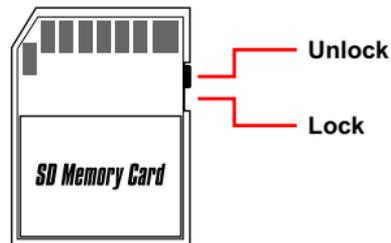
⚠ To remove the SD/MMC card, gently push the card. After the card pops up, pull the card out of the slot.

⚠ Do not remove the SD/MMC card while the camera is processing data (when the LED is flashing).

⚠ If you insert a write-protected card, the media icon on the LCD display will become red.

Attaching the wrist strap

Please unfasten and separate the strap into two parts. To attach the wrist strap to the camera, thread the strap through the hook on the side of the camera, and then the one on the bottom part. After threading the strap, fasten the strap and then use the leather wrap to hold the strap.

❶

❷

❸
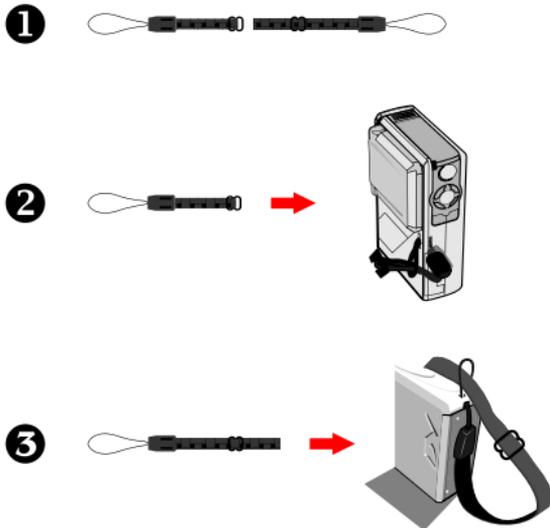
How to hold your camera

Please put your hand through the wrist strap and firmly hold the camera as illustrated. While taking stills or recording AVI movies, avoid blocking the lens to retain the best result.

Avoid blocking the lens.

20cm~40cm
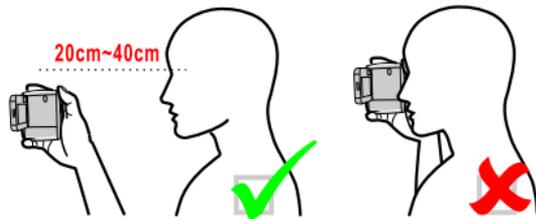
Using the bag

The accessory bag comes handy if you are planning to carry the camera with you while you are travelling around. Simply put the camera into the bag as indicated, and you are ready to carry the camera with you.
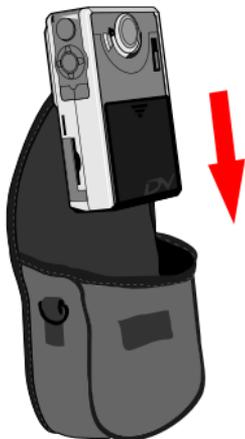
⚠ Avoid severe impact to the camera body even it is placed in the bag.

Using the tripod

Use a tripod to minimize camera movement and ensure optimal image quality, especially while shooting self-portraits or video conferencing.

CHAPTER2 *Getting Started*
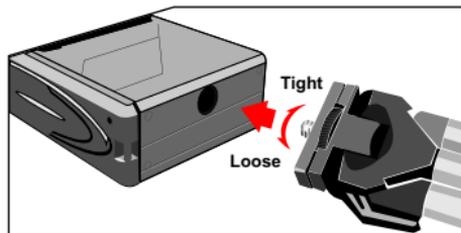
Turning on your camera

Press and hold down the power button for 2 ~ 3 seconds to turn on the camera.

The LED will light up.
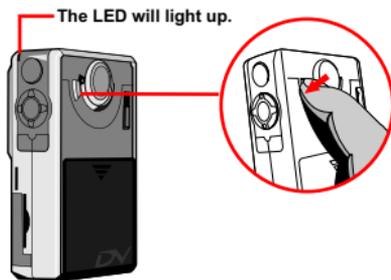
⚠ If the camera is not turned on after pressing the power button, please check:
1. There are four AA batteries installed in the camera.
2. The batteries have enough power left.

⚠ You can turn on the camera without opening the LCD panel.

⚠ Please open the lens cover if you are going to use the digital video or camera function.

Turning off your camera

Press and hold down the power button for 2 ~ 3 seconds to turn off the camera.

The LED will go out.

Setting the date and time

When you power on the camera for the first time, you need to set up the date and time:

1. Set the **Mode Switch** to Setting mode. ▶

2. Press the **Up** or **Down** button to highlight **Date**, and then press the **OK** button or the **Right** button to enter the sub-menu.

Setting

Beep	ON
Boot-up	ON
Auto Off	10m
Date	03/01/01
Time	12:00

3. Press the **Left** or **Right** button to move the cursor. Press the **Up** or **Down** button to change the value. After the correct date has been set up, press the **OK** button to confirm the setting.

Date

2003 / 01 / 01

4. Repeat step 2 and enter the **Time** sub-menu. Use the same method described in step 3 to set time. Note that the second digits are not adjustable. After the correct time has been set up, press the **OK** button to confirm the setting.

Time

12 : 00 : 00

⚠ While operating the camera, pressing the **Menu** button can bring up a sub-menu under most circumstances. The menu items vary according to the mode you select. When a sub-menu is being shown on the screen, you can use the illustrated function buttons to make your selection.

Move Cursor Up
Cancel
Cancel/Exit
Confirm
Move Cursor Down
Confirm
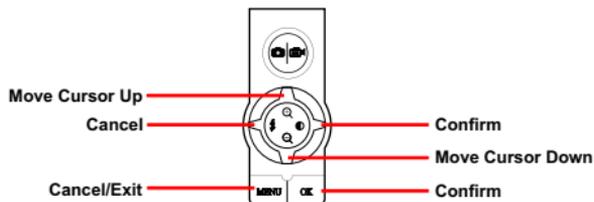
Checking the media and power status

The LCD display varies according to the operation mode. However, you can easily check the media type and power status on the LCD display.

Storage media indicator:

IN : The camera is using the built-in memory for file storage.

[ ] : The camera is using a memory card for file storage.

Power status indicator:

[III] : Full battery life.

[II] : Adequate battery life.

[I] : Low battery life.

[ ] : Empty battery life. Please replace the batteries immediately when the icon is flashing red.

⚠ When the camera is using a SD/MMC card as main storage media, files stored in the camera's built-in memory will become inaccessible until the card is removed.

⚠ For details under different modes, please refer to the respective chapters.

Tips for best shooting

❶ Keep the focus set to 🔺🔺 except for close-ups.

❷ Make sure your subject is well lit from the front.

❸ Keep the camera level and steady when releasing the shutter.

❹ Make sure you have adequate light when taking stills or recording AVI movies.

❺ For stable and smooth image quality, move the camera slowly during filming.

Make sure you have adequate light
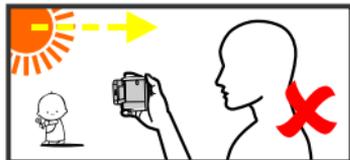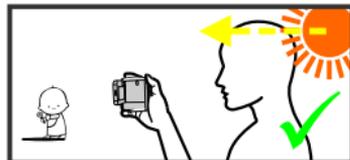
Storage capacity chart

The following chart is estimated based on a 64MB SD card. Actual capacity may vary (up to ±5%) depending on the environment and color condition.

Mode	Condition		Approx. capacity
Digital Video (DV)	VGA(640x480)		04:43 (mm:ss)
	QVGA (320x240)	Normal	14:18 (mm:ss)
		Fine	07:54 (mm:ss)
		Best	06:12 (mm:ss)
Camera	640x480	Normal	962 (pic.)
		Fine	958 (pic.)
	1600x1200	Normal	240 (pic.)
		Fine	160 (pic.)
	2048x1536	Normal	160 (pic.)
		Fine	96 (pic.)
	2272x1704	Normal	128 (pic.)
		Fine	80 (pic.)
Voice Recording (VR)	-		48:27 (mm:ss)
MP3	Aver. 4MB/Track		16 tracks

CHAPTER3 *Digital Video (DV) Mode*

LCD display
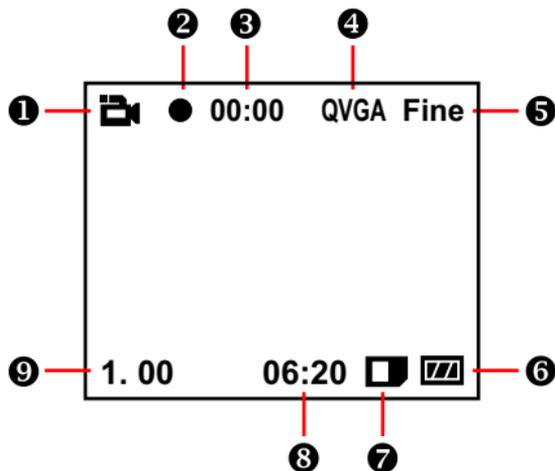
❶ DV mode indicator

❷ Recording indicator

❸ Recording time lapse

❹ Image resolution

❺ Image quality

❻ Battery life indicator

❼ Storage media type

❽ Remaining capacity (mm:ss)

❾ Zoom ratio

Recording an AVI movie

1. Set the **Mode Switch** to Digital Video mode.

2. Press the **Shutter/Record** button to start recording.
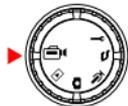
Shutter/Record button
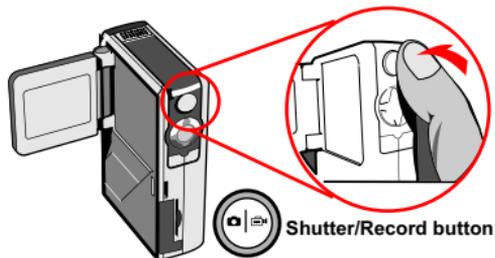
Recording indicator ——— Minute
——— Second

🎥 ● 00:00 QVGA Fine

1. 00   260 □▯ 🔋

3. While recording, you can press the **Up** or **Down** button to zoom in/out the screen.
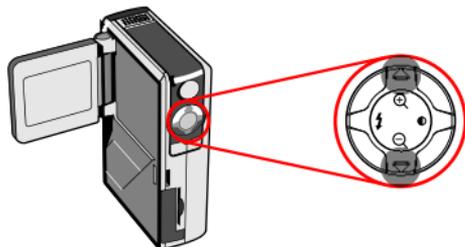
4. Press the **Shutter/Record** button again to stop recording.

⚠ To review the recorded AVI movies, switch the camera to Playback mode and play the AVI clips. Please refer to **Chapter 6** for more information.

Function buttons

The following function buttons are available while the camera is in Digital Video mode:
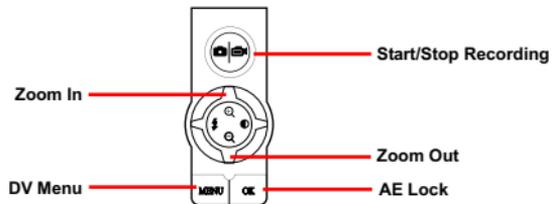
Start/Stop Recording
Zoom In
Zoom Out
DV Menu — MENU — OK — **AE Lock**

⚠ Pressing the **OK** button will lock your current AE setting, enabling you to shoot other subjects without changing the AE metering value. Pressing the **OK** button again will unlock the AE setting.

DV menu

While in Digital Video mode, press the **Menu** button to bring up the DV menu.

DV
Video   VGA
WB   Auto
Display   ON

The following table illustrates all items and their functions.

| Item	Option	Description
Video	VGA	This item allows you to set the resolution and quality of image. Select *VGA* if you want to produce the best result for viewing. If saving memory is top priority, select *QVGA/Norm*. *VGA = 640x480 (pixels) *QVGA = 320x240 (pixels)
	QVGA/Best	
	QVGA/Fine	
	QVGA/Norm	
WB	AUTO	This item allows you to select the white balance setting. For more information, please refer to *Chapter 4 - Setting white balance.*
	Sunny	
	Cloudy	
	Fluore.	
	Tungst.	
Display	OFF	This item determines if the on-screen icons are always shown on the LCD.
	ON	

LCD display
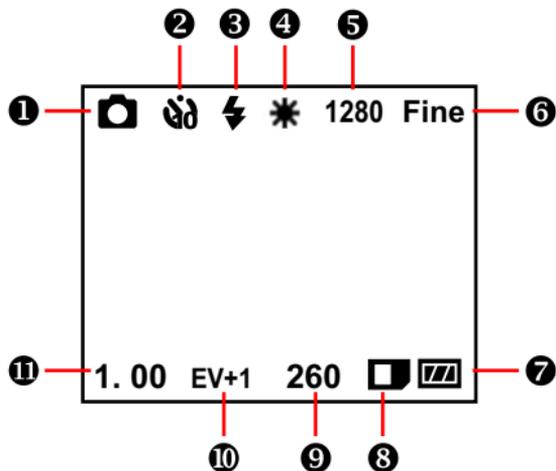
❶ **Digital Camera mode indicator**

❷ **Self-timer indicator**

❸ **Flash indicator**

❹ **White balance indicator**

❺ **Image resolution**

❻ **Image quality**

❼ **Battery life indicator**

❽ **Storage media type**

❾ **Remaining capacity (pic.)**

❿ **Exposure compensation value**

⓫ **Zoom ratio**

Digital Camera Mode

Taking a still

1. Set the **Mode Switch** to Digital Camera mode.
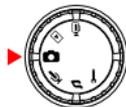
2. Use the **Focus Switch** to set focus as appropriate.

▲▲ 🏔	16"~∞ (40cm~∞)
🌷	12"~16" (30cm~40cm)
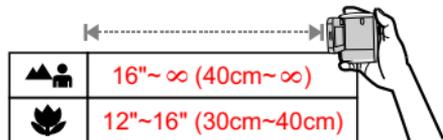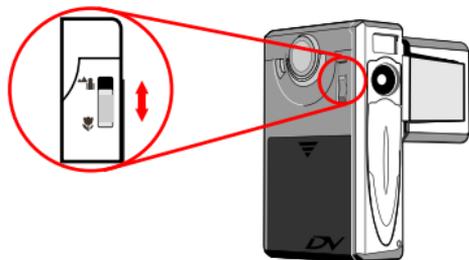
3. Before shooting, you can press the **Up** or **Down** button to adjust the zoom ratio.
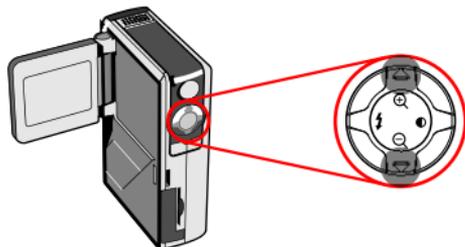
4. Press the **Shutter/Record** button to take a still.

Shutter/Record button
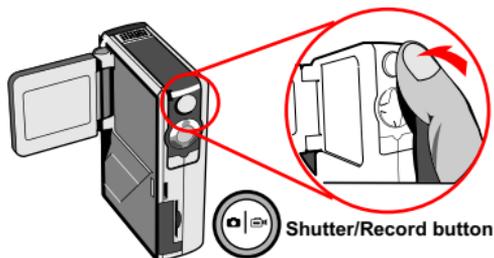
Using the flash strobe

When the lighting is not sufficient for your shooting environment, the flash can provide the extra light you need.

Using the hot button

While in Digital Camera mode, pressing the **Left** button allows you to switch the flash mode without entering the options menu.

Pressing the hot button can cycle through three flash modes - Auto, Force, Off.
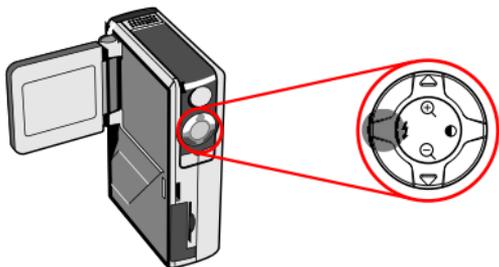
Auto mode (🔆): When the flash is set to Auto mode, the camera will automatically measure the lighting condition, and the flash will be activated if needed.

Force mode (🔆): When the flash is set to Force mode, the flash always fires no matter how the lighting condition is.

Off (no icon): The flash will not function when it is set to Off.

⚠ When the battery power is low (with only one gauge left), the flash strobe cannot be activated due to insufficient power for recharge.

⚠ While the flash is being recharged, you cannot press the shutter button to take pictures.

Setting white balance

Under certain conditions, you may need to manually select the white balance setting to take pictures with the correct color balance.

Using the hot button

While in Digital Camera mode, pressing the **Right** button allows you to change the white balance setting without entering the options menu.

Pressing the hot button can cycle through five settings - Auto, Sunny, Cloudy, Fluorescent, and Tungsten.
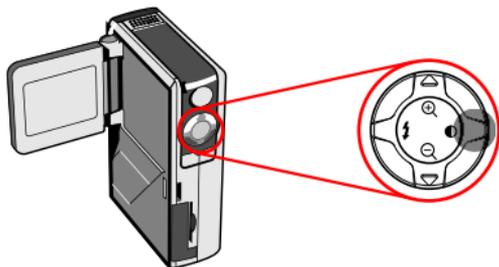
Auto (no icon): The camera will measure the color temperature and make adjustments automatically.

Sunny (※): Suitable for shooting outdoors in good weather.

Cloudy (☁): Suitable for shooting under shades or cloudy weather.

Fluorescent (▭): Suitable for shooting environment with fluorescent light.

Tungsten (☀): Suitable for shooting environment with incandescent light.

⚠ **White balance:**
When the human eye sees an object, it adapts to the object so that a white object always looks white. However, a digital camera sees an object as white by adjusting the color balance of the lighting condition. This process is called matching the white balance.

Using the self-timer

1. While in Digital Camera mode, press the **Menu** button to bring up the Camera menu.

2. Highlight the **SelfTimer** item, and then select **ON** in the sub-menu. Then press the **Menu** button to exit.

Camera	
Strobe	AUTO
ImageSize	2M
SelfTimer	ON
DateStamp	OFF
Display	OFF

3. When the **Shutter/Record** button is pressed, the camera will have ten seconds delay before taking a picture. After the shutter fires, the **SelfTimer** will be automatically disabled.

10
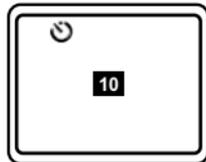
Setting exposure compensation

Setting the EV value enables you to manually control the brightness of the taken stills.

1. Press the **Menu** button to bring up the Camera menu. Highlight the **Camera** tab, and press the **Right** button to select the **Advanced** tab.

2. Highlight the **Exposure** item, and then select a desired EV value in the sub-menu. The larger the number is, the brighter the stills will be.

Advanced	
Quality	Fine
Exposure	0
WB	AUTO

⚠ Setting the value too high may cause the pictures to appear over-exposed.

Digital Camera Mode

Function buttons

The following function buttons are available while the camera is in Digital Camera mode:
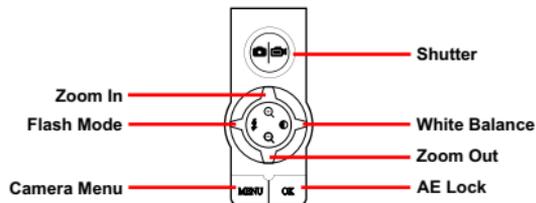
- Shutter
- Zoom In
- Flash Mode
- White Balance
- Zoom Out
- Camera Menu
- AE Lock

⚠ Pressing the **OK** button will lock your current AE setting, enabling you to shoot other subjects without changing the AE metering value. Pressing the **OK** button again will unlock the AE setting.

Camera menu

The Camera menu provides several items for you to fine-tune the camera function. To bring up the Camera menu, press the **Menu** button while in Digital Camera mode. To access the advanced menu, move the cursor to highlight the **Camera** tab, and then press the **Right** button.

Camera	
Strobe	AUTO
ImageSize	2M
SelfTimer	OFF
DateStamp	OFF
Display	OFF

Advanced	
Quality	Fine
Exposure	0
WB	AUTO

Digital Camera Mode

Camera menu (continued)

The following table illustrates all items and functions of the basic camera settings.

Item	Option	Description
Strobe	AUTO	This item allows you to set the flash mode. For more information, please refer to *Chapter 4 - Using the flash strobe.*
	OFF	
	FORCE	
ImageSize	640x480	This item allows you to set the resolution of images. Select 1600x1200 or higher if you want to develop photos.
	1600x1200	
	2048x1536	
	2272x1704	
SelfTimer	OFF	This item allows you to toggle the self-timer on or off.
	ON	
DateStamp	OFF	This item allows you to set if a date stamp is printed on the pictures taken.
	ON	
Display	OFF	This item determines if the on-screen icons are always shown on the LCD.
	ON	

The following table illustrates all items and functions of the advanced camera settings.

Item	Option	Description
Quality	Normal	This item determines the quality of the taken images.
	Fine	Better quality images require more memory to store.
Exposure	-3 ~ +3	This item allows you to set the exposure compensation value. Positive exposure value indicates the subject taken will appear brighter than normal; while negative value indicates the opposite.
WB	AUTO	This item allows you to select the white balance setting. For more information, please refer to *Chapter 4 - Setting white balance.*
	Sunny	
	Cloudy	
	Fluore.	
	Tungst.	

Digital Camera Mode

LCD display

❷ **VR mode indicator**

❷ **Current file / All files**

❸ **File size**

❹ **Battery life indicator**

❺ **Storage media type**

❻ **Sound volume**

❼ **Remaining capacity (mm:ss)**

🎤 **001/001   123K**

WAVE0001.WAV

10:52

Recording a sound clip

1. Set the **Mode Switch** to Voice Recording mode.

2. Press the **Shutter/Record** button to start recording.

Shutter/Record button
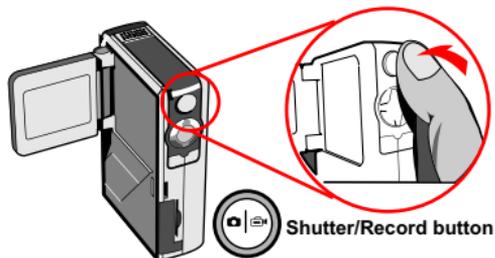
Microphone

⚠ Avoid blocking the microphone while recording voice.

3. Press the **Shutter/Record** button again to stop recording.

Deleting sound clips

When highlighting a sound clip, press the **Menu** button and a sub-menu will pop up asking if you want to delete one or all files. Select **Delete One** to delete the highlighted file. Select **Delete All** to delete all recorded sound clips.

Delete
Delete One
Delete All
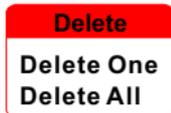
Function buttons

The following function buttons are available while the camera is in Voice Recording mode:

Start/Stop Recording /Pause (while playing)

Select File

Volume Down

Volume Up

Select File

Delete File

Play File
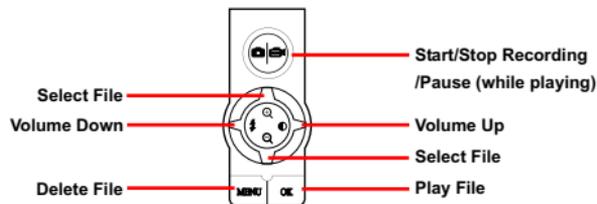
LCD display
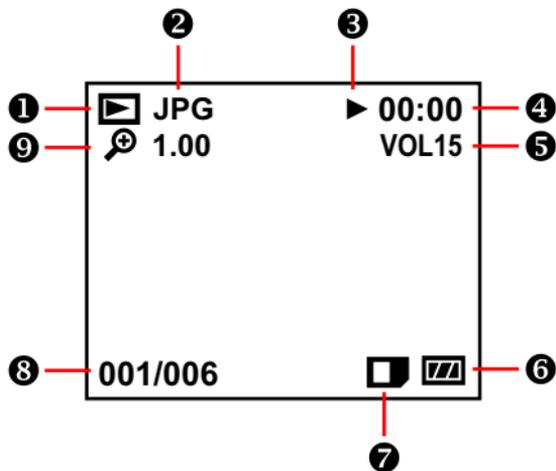
❶ **Playback mode indicator**

❷ **File type**

❸ **Play/Pause/Stop indicator**

❹ **Playing time**

❺ **Sound volume**

❻ **Battery life indicator**

❼ **Storage media type**

❽ **Current file / All files**

❾ **Zoom (lock or unlock) / Zoom ratio**

Thumbnail browser

Set the **Mode Switch** to Playback mode.
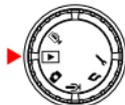
After entering the Playback mode, you will see the thumbnail interface. Use the direction buttons to highlight a thumbnail. You can tell the file type by the color of the encircling square:

Red: AVI files.
Yellow: JPG files.
Green: WAV files.

□ JPG

AVI   JPEG   WAV

JPEG   WAV   AVI

001/006
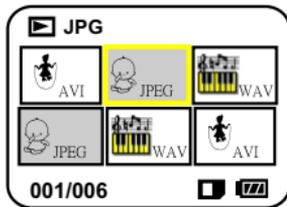
The following function buttons are available in the thumbnail browser:

Show Info

Select File

Delete File   Play/View File
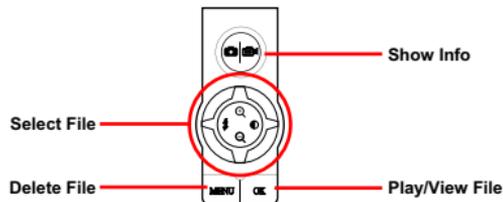
Playing an AVI movie or a WAV file

While in thumbnail browser, highlight an AVI movie or a WAV file. Then press the **OK** button to play the file.

While playing the file, you can use the function buttons as illustrated:

Show Info

Volume Up

Previous File   Next File

Volume Down

Go Back to   Play / Pause
Thumbnail
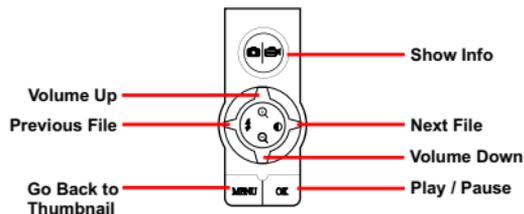
⚠ If you want to restart playing the same file, you can press the **OK** button to pause, and then press the **Right** or **Left** button to restart.

Playback Mode

Viewing a JPG picture

While in thumbnail mode, highlight a JPG picture and press the **OK** button to view the file in full-screen mode.

Full Screen

When viewing a JPG picture in full-screen mode, you can use the function buttons as illustrated:

Show Info
Zoom In
Previous File
Next File
Zoom Out
Go Back to Thumbnail
Zoom Lock
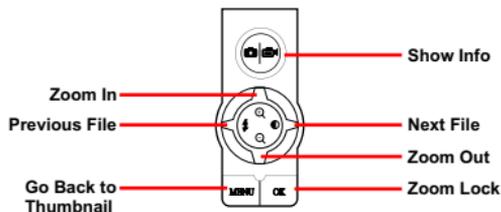
While viewing the full-screen JPG picture, If you zoom in the picture and then press the **OK** button, the zoom ratio will be locked. You can then browse the picture using the direction buttons.
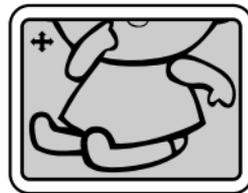
Zoom-lock Screen

Under zoom-lock mode, you can use the function buttons as illustrated:

Show Info
Up
Left
Right
Down
Go Back to Thumbnail
Unlock
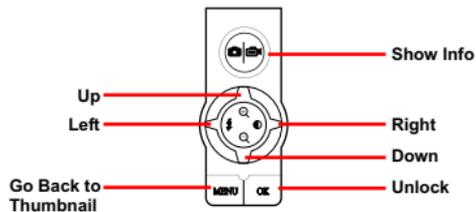
⚠ The maximum zoom ratio varies according to the image's resolution.

Deleting files

When highlighting a thumbnail, press the **Menu** button
and a sub-menu will pop up asking if you want to delete
one or all files. Select **Delete One** to
delete the highlighted file. Select
Delete All to delete all stored files.

Delete

Delete One
Delete All

CHAPTER 7 MP3 Mode

LCD display
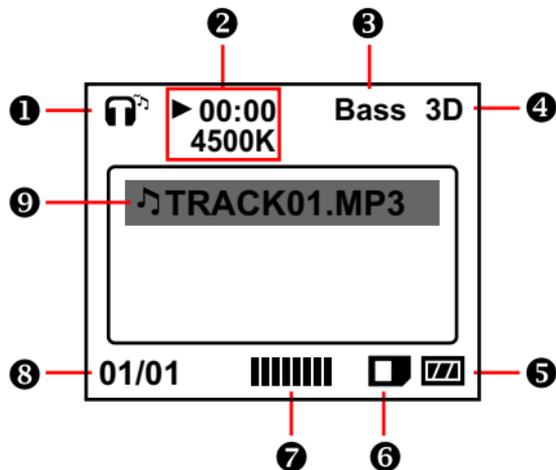
❶ MP3 mode indicator

❷ Playing time / File size

❸ Bass boost indicator

❹ 3D enhancement indicator

❺ Battery life indicator

❻ Storage media type

❼ Sound volume

❽ Current file / All files

❾ Play list item indicator

❷ ►00:00 4500K

❸ Bass 3D

❾ ♪TRACK01.MP3

❽ 01/01

MP3 Mode

Uploading MP3 files

To upload MP3 files to the camera, you need to connect the camera to a PC using the USB cable. For more information on USB connection, please refer to **Chapter 10**.

After connecting the camera to the computer and selecting **DISK** mode, you can locate a "MP3" folder in the removable disk. Then you can copy the desired MP3 files into the folder for playing.

Removable Disk (G:)
- DCIM
  - 100MEDIA — **For JPG, AVI, and WAV files**
- MP3 — **For MP3 files**
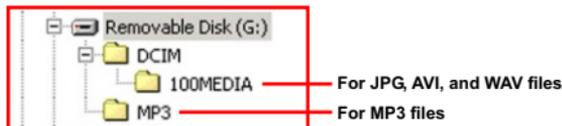
⚠ If you want to remove MP3 files from the camera, use one of the following methods:
1. Connect the camera to a PC and delete files in the "MP3" folder.
2. Set the camera to Setting mode and use the **Format Media** command. Note that all files, including non-MP3 files, will be gone after formatting.

Playing MP3 music

Set the **Mode Switch** to MP3 mode. After entering the main screen, you can select the desired MP3 title and press the **OK** button to play.
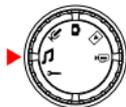
The following function buttons are available when the camera is in MP3 mode:

Add/Remove List Item /Pause (while playing)
Select File
Volume Down
Volume Up
Select File
MP3 Menu
Play / Stop
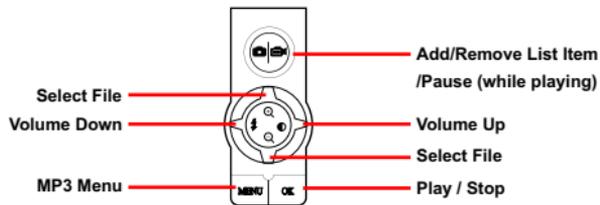
⚠ The ♪ icon indicates that the MP3 file is included in the play list. During continuous play, files in the list will be played repeatedly.

MP3 menu

The MP3 menu provides several items for you to enhance the quality of MP3 music. To bring up the MP3 menu, press the **Menu** button while in MP3 mode.

```
MP3 Menu
Bass Boost  OFF
3D Enhance  OFF
Delete
```

The following table illustrates all items and their functions.

Item	Option	Description
Bass Boost	OFF	This item allows you to set the bass boost level.
	MIDDLE	
	HEAVY	
3D Enhance	OFF	This item allows you to set the 3D enhancement level.
	MIDDLE	
	HEAVY	
Delete	YES/NO	Delete MP3 file.

MP3 Mode

CHAPTER8 *Camera Settings*

Basic settings

The basic camera settings allow you to configure some elemental functions of the camera. To access the menu, set the **Mode Switch** to Setting mode.
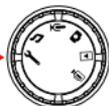
Setting

Beep	ON
Boot-up	ON
Auto Off	10m
Date	03/01/01
Time	12:00

⚠ The following function buttons are available while configuring the camera settings.

Move Cursor Up

Cancel — Select/Confirm

— Move Cursor Down

Cancel/Exit — Select/Confirm
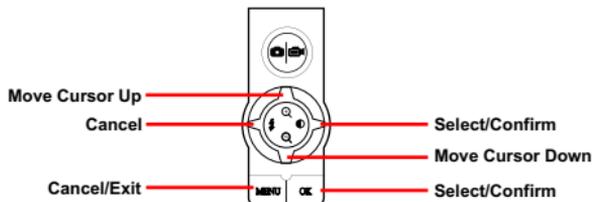
The following table illustrates the items and functions of the basic settings.

Item	Option	Description
Beep	OFF	This item allows you to toggle the beep sound on or off.
	ON	
Boot-up	OFF	This item allows you to toggle the boot-up logo display on or off.
	ON	
Auto Off	1,3,5,10(min)	This item determines the auto-off time when the camera stays idle.
Date	-	This item is for date settings.
Time	-	This item is for time settings.

Camera Settings

Advanced settings

The advanced settings involve with more complicated options. To access the menu, open the basic setting menu, highlight the tab, and then press the **Right** button.

Advanced

TV Type NTSC	Format Media
Flicker 60Hz	Reset Default
LCD Bright 1	
USB Mode MENU	
Language	

2-1   2-2

The following table illustrates the items and functions of the advanced settings.

Item	Option	Description
TV Type	NTSC	For America, Japan, Taiwan, Korea...etc.
	PAL	For European countries, China, Hong Kong...etc.

Item	Option	Description
Flicker	60Hz	This item allows you to set the flicker rate to retain the best display quality. Please refer to the *Flicker Settings Table* (p. 50) for more information on flicker settings.
	50Hz	
LCD Bright	1 ~ 4	Set the LCD brightness. Larger number indicates brighter LCD display.
USB Mode	MENU	This item determines the default setting when connecting the camera to a PC. *MENU* indicates a menu will pop up asking which mode you want to select.
	CAM	
	DISK	*CAM* stands for *PC camera*; while *DISK* stands for *removable disk*.
Language	-	Set the interface language.
Format Media	YES/NO	Format the storage media that is currently being used. Note that all files stored in the media will be gone.
Reset Default	YES/NO	Restore the factory default.

Connecting the camera to TV

Connect your camera and TV via an AV cable for real-time display. You can export your video clips, still pictures and audio recordings directly to your TV to share them with friends and family.

1 Turn on your TV and switch to AV mode.

2 Connect the audio and video ends of the AV cable to your TV.

3 Connect the other end to your camera.

4 Turn on the camera.

TV

AV Mode

Video Audio

Video
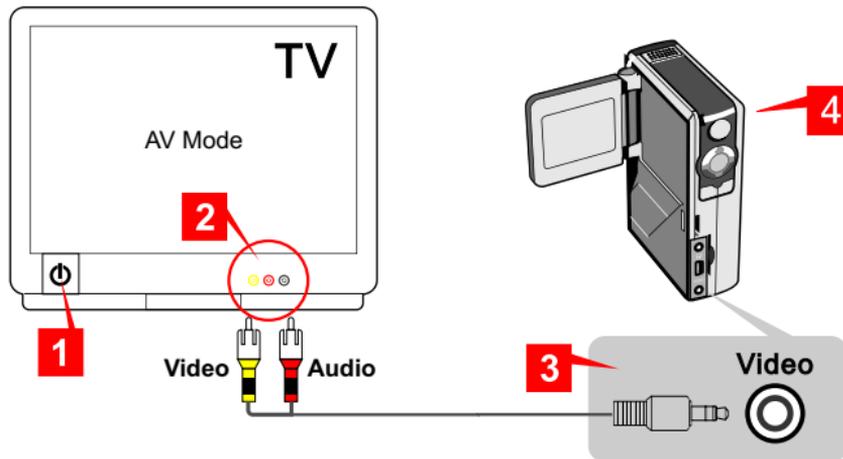
CHAPTER 10 *Copying Files to PC*

Installing the driver (for 98SE)

If you are using Windows 98 SE, you need to install **DV 3300 Driver** before your camera connects to your computer for the first time. Please follow these steps to complete the installation.

1. Turn on your computer. Then place the accessory CD into the CD-ROM drive.

AIPTEK
- DV3300 Driver(For 98SE user)
- DV3300 PC Camera
- Power Director PRO
- Media Show
- Photo Explorer
- VideoLive Mail
- Photo Express
- DV3300 E-Manual

POCKETDV 3300
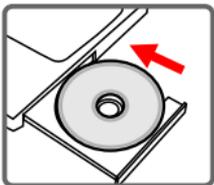
⚠ Do not connect the USB cable to your computer now.

⚠ Shut down all other applications running on your computer.

⚠ If the title screen does not appear automatically, please double-click on **My Computer** and then the CD-ROM drive. Then browse to the folder "\DV 3300 Driver" and start the *Setup.exe* program manually.
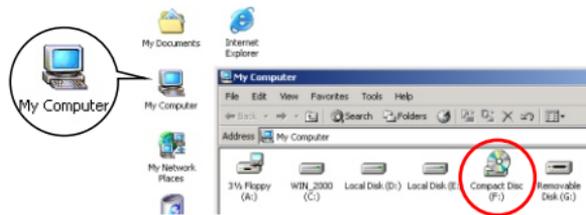
2. Click on the 👁 icon to launch the installation of **DV 3300 Driver**.

Copying Files to PC

~ 35 ~

Installing the driver (for 98SE) (continued)

3. The **Install Shield Wizard** will then appear and

automatically install the
program. Please click on
Next to continue the
installation.
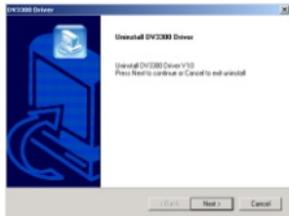
4. After the driver installation is completed, the program
will prompt you to install *Direct X 8.0* or above. If you
are not sure if this program has been installed in your
computer, please click **Yes** to continue.

⚠ The program *Direct X 8.0* or above is necessary for viewing
the AVI movies recorded by the camera.

5. After the installation is completed, you may need to
restart your computer for the driver to take effect.

⚠ After rebooting your computer, please connect the camera to
the PC and select **DISK** (removable disk) mode to capture
the device.

Copying Files to PC

Connecting the camera to your PC

1. Turn on your computer, and then connect the USB cable to the USB port of your computer.
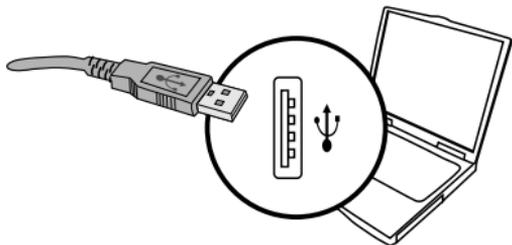
2. Connect the other end of the USB cable to your camera.
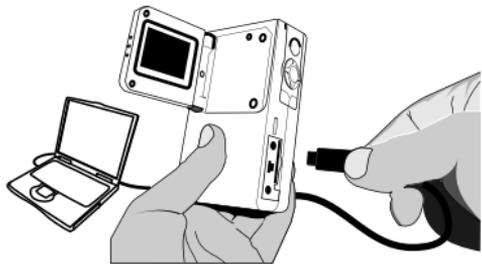
⚠ If the camera's USB mode is set to **MENU** (please refer to the **Advanced settings** in **Chapter 8**), a menu will pop up when the camera is connected to your computer. You can then select **CAMERA** (for PC camera) or **DISK** (for removable disk) according to your purpose.

USB Mode

CAMERA
DISK

⚠ **Notice for Windows 2000/XP/ME users:**

If you select **DISK** mode and then want to disconnect the camera from your computer, please follow these steps:

1. Double-click 🔌 on the system tray.
2. Click 🔌 (USB Disk), and then click **Stop**.
3. Select the camera when the confirmation screen appears and click **OK**.
4. Follow the on-screen instructions to safely disconnect the camera from your computer.

Copying Files to PC

Copying files to your PC

By copying files from the camera to your computer, you can permanently save your creative works in the hard disk.

⚠ To copy files from the camera, you must select **DISK** (removable disk) mode when connecting the camera to your PC.

1. This step varies according to your operation system.

For Windows XP users:

After the camera is connected to your computer, a dialogue window will appear automatically. Please select the item **Open folder to view files using Windows Explorer** and click **OK**.

For Windows 2000/ME/98SE users:

Double-click on **My Computer**.

Then double-click on the icon of the removable disk that has just appeared.
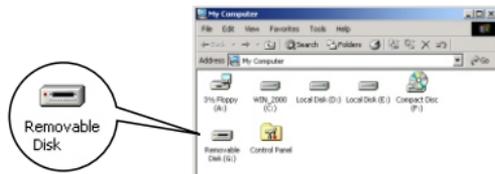
Copying Files to PC

Copying files to your PC (continued)

2. Double-click on the **DCIM** file folder.

Windows XP

Windows 2000/ME/98 SE

3. Double-click on the **100MEDIA** file folder.

Windows XP
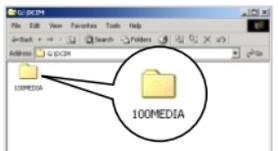
Windows 2000/ME/98 SE

4. Drag the pictures to your desired target folder.

Windows XP

➡ Copy pictures to "My Documents"

Windows 2000/ME/98 SE

Copying Files to PC
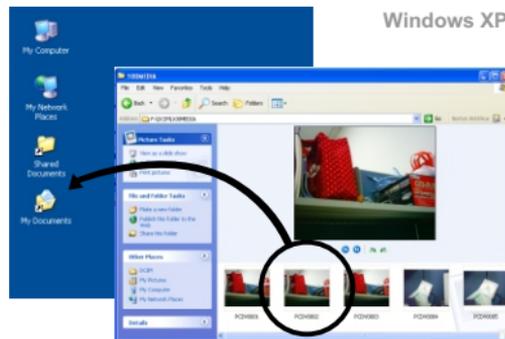
File locations

The following figure shows where different types of files are located in different folders.

Folders
- Desktop
  - My Documents
  - My Computer
    - 3½ Floppy (A:)
    - WIN_2000 (C:)
    - Local Disk (D:)
    - Local Disk (E:)
    - V23 (F:)
    - Removable Disk (G:)
      - DCIM
        - 100MEDIA → For JPG, AVI, and WAV files
      - MP3 → For MP3 files
    - Control Panel
  - My Network Places
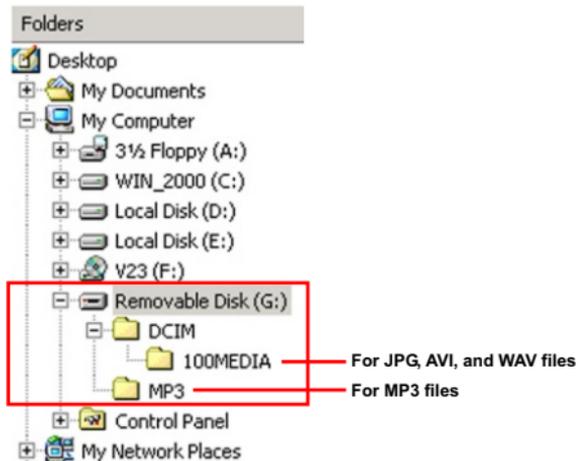
Uploading/Deleting MP3 files
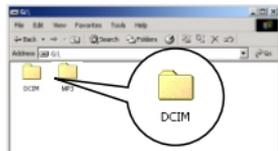
The "MP3" folder is for storing the MP3 files. To upload or delete a MP3 file, you must connect the camera to a PC and set the camera to **DISK** (removable disk) mode. Then copy the MP3 files to the "MP3" folder or delete files in the folder.

Copying Files to PC

Viewing/Playing files on your PC

1. Double-click on **My Documents** or other folder that stores your files.

Windows XP

Windows 2000/ME/98 SE

2. Double-click on the desired file, and the file will be opened by the program matching the file's type.

Windows XP

Windows 2000/ME/98 SE

Copying Files to PC
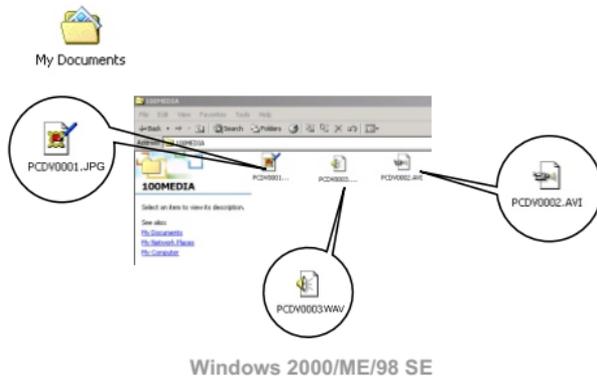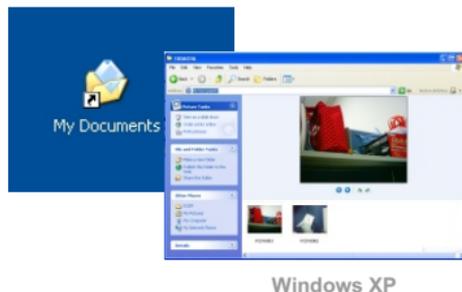
CHAPTER 11 *Using PC Camera*

Installing the application

You need to install **DV 3300 PC Camera** to take advantage of the PC camera function. Please follow these steps to install the application.

1. Turn on your computer, and then place the accessory CD into the CD-ROM drive. (Please see step 1 in **Chapter 10 - Installing the driver** for reference.)

2. After the title screen appears, click on the 👁 icon to install the application. Follow the on-screen instructions to complete the installation.

⚠ After the installation is completed, the program will prompt you to install *Direct X 8.0* or above. If you are not sure if this program has been installed in your computer, please click **Yes** to continue.

⚠ **Notice for Windows XP users:**
During the installation process, the **Scanner and Camera Wizard** dialogue window may appear. If this happens, please click on **Cancel** and proceed with the installation process.

⚠ **Notice for Windows 2000 users:**
When using the PC camera function for the first time, the following warning message may appear twice or more. Please click **Yes** to continue the process. The camera is fully compatible with Windows 2000 operation system.

Using PC Camera

Installing the application (continued)

⚠ Notice for Windows ME users:

When the following screen appears, please select **Automatic search for a better driver** and click **Next** to continue.

⚠ Notice for Windows 98SE users:

1. Click **Next** when the following screen appears.

2. When the following screen appears, please select **Search for the best driver for your device** and click **Next** to continue.

3. During the installation process, some users might be asked to insert a licensed 98SE CD into the CD-ROM drive to copy some needed files.

4. Follow the on-screen instructions to finish the installation.

Using PC Camera

Starting the application

1. Connect the camera to your computer with the USB cable. Select **CAMERA** mode when prompted in the camera LCD screen.

> **USB Mode**
> **CAMERA**
> **DISK**

⚠ If the camera is set to **DISK** mode when connected to the PC, you can press the **Menu** button and switch to **CAMERA** mode manually.

⚠ Please open the lens cover to capture real-time image.

⚠ If you want to use the Video Conferencing function, please install programs such as *Netmeeting* to serve the purpose.

2. Double-click the **DV 3300 PC Camera** icon on the Desktop to start the program. After the program is started, you can begin to use the PC camera function.
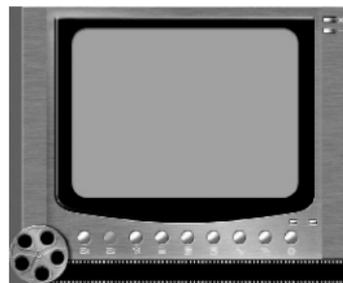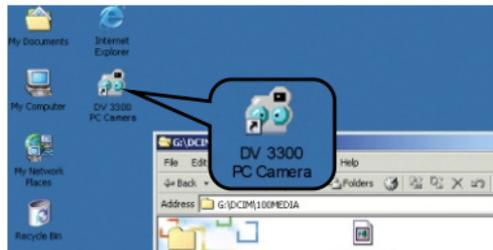
⚠ If you cannot find the program shortcut on the desktop, you can start the program from the **Programs** menu.

Using DV 3300 PC Camera

Preview Window

Start recording a video clip

Stop recording

Snapshot

Format *****

Source *****

Start/Stop preview window

Settings *****

Open album (where files are stored)

Video source

⚠ To view pictures taken by DV 3300 PC Camera, please click on ▭ to open the photo album. Or, as an alternate option, go to the "Work Temp" folder to find files taken by the program. The full path is as following:
C:/Program Files/DV3300 PC Camera/Work Temp

* Sub-menu is available.

Using PC Camera

Recording an AVI movie or taking a snapshot

Recording an AVI movie (image only):

1. Click on the ⬜ icon.

2. Specify the path and name of the AVI file.

3. Set the frame rate and recording time according to your needs.

4. Press the **Start Record** button to begin recording. Note that no sound will be recorded.

5. To stop recording, click on the ⬜ icon.
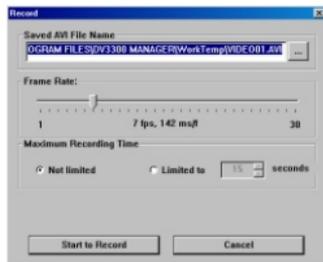
Taking a snapshot:

Click on the ⬜ icon to take a snapshot.

Advanced settings in PC Camera

Format:

● **Color Space:**

Select one of the following functions according to your needs.

- RGB 24: This item is for retaining better quality.

- MJPG: This item indicates the AVI movie will be more compressed to gain the advantage of faster processing speed.

● **Output Size:**

Set output size to change the size of the preview window. The default size is 320x240. Select larger pixels when you need a larger preview window.
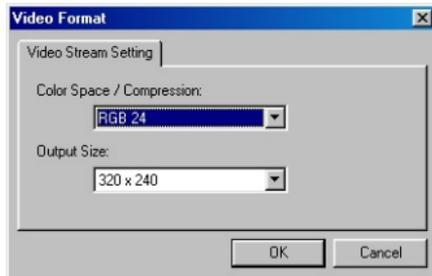
Advanced settings in PC Camera (continued)

Source:

The Source sub-menu provides several options for you to set the color adjustments to retain the best image quality. You can use the default settings, or change the settings (such as brightness, contrast, saturation, and sharpness) on your own.
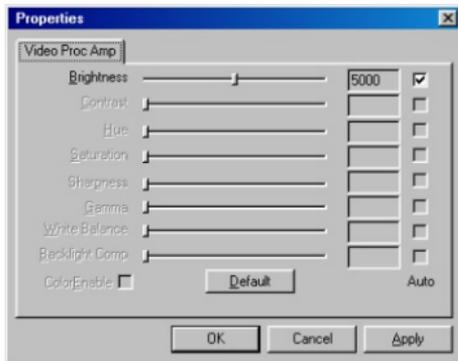
Settings:

If you take your camera abroad, and find the screen of your computer flickers when using PC Camera function, please check the **Cancel Flicker** box to prevent noises from appearing on the screen. Or, you can refer to the **Flicker Settings Table** (p. 50) for proper flicker value that fits the country you are staying.

Using PC Camera

Troubleshooting

The camera cannot be powered on.	1. The batteries may be out of power; please change the batteries. 2. Make sure that the battery is installed correctly.
Cannot power on my camera even though batteries are installed.	1. Make sure that the batteries are installed correctly. 2. If the camera is idle over the pre-set time, it will automatically shut down. Please press the Power button to turn on the camera.
Cannot take pictures and movies when pressing the Shutter button.	1. The storage memory may be full. Please free some space on the SD/MMC card or the built-in flash memory. 2. Check if the camera is charging the flash strobe. 3. Check if the SD/MMC card is set to write-protect mode.
I did not delete my pictures and movies, but cannot find them in the SD/MMC card.	Check if your files are stored in the camera's built-in memory. If there is a SD/MMC card inserted in the camera, the camera will use the card as main storage media, and files stored in the built-in memory will become inaccessible. Please remove the card to access the data in the built-in flash memory.
Unable to use the flash strobe.	Charging the flash strobe requires more power. When the battery power is low, the flash strobe will be disabled. Please change the batteries.
The image is too blurred.	This situation may be caused by incorrect focus setting. Please adjust the focus.
The image taken is too dark.	You may need to take pictures or movies in the place with adequate light or use the flash strobe.

Troubleshooting (continued)

I cannot find the CD Key when installing software.	The CD Key is printed on the cover of the CD. Please eject the CD from the CD-ROM to find the CD Key.
The driver installation failed.	1. Please remove the driver and other related programs. Follow the installation steps in this manual to reinstall. 2. Install the driver before connecting the USB cable.
A conflict with other installed camera or capture device.	If you have any other camera or capture device, completely remove the camera and its driver form the computer to avoid a driver conflict.
The movie cannot be played on my computer.	Please install *DirectX 8.0* or above. (See *Chapter 10* for instructions or download *DirectX 8.0* and get more information on Microsoft website.)
I cannot play MP3 and the title displays strange characters.	This problem is probably caused by double-byte characters (such as Chinese, Korean... etc.). Please rename these files before uploading them into the camera.
The camera is still on, but does not respond to any action.	Please open the battery compartment cover and take out one of the batteries. Then replace the battery and power on the camera.
1. Noise occurs when viewing the image on the LCD display or on the computer. **2. Noise occurs on my computer when using Video Conferencing.**	Set the flicker filter to match the country you are staying. Please refer to the *Flicker Settings Table* (p. 50) for more information.

Flicker Settings Table

Flicker Settings Table			
Country	Setting	Country	Setting
England	50Hz	Portugal	50Hz
Germany	50Hz	America	60Hz
France	60Hz	Taiwan	60Hz
Italy	50Hz	China	50Hz
Spain	50Hz	Japan	50/60Hz
Netherlands	50Hz	Korea	60Hz

* The flicker setting is based on the frequency standard of your local power supply.

LED Event Table

LED Event Table		
Front LED	Flashing red	1. Self-time counting 2. Recording (movie or voice) 3. MP3 pause
	Steady red	While capturing a still
Back LED	Steady green	Power-on indicator
	Flashing green	Recharging flash
	Flashing red	System busy (such as data processing)

System Message Table

System Message Table	
Message	**Description**
Access Failed	The file cannot be accessed (ex. trying to delete a read-only file).
Storage Change	This message appears when a card is being inserted/removed.
Card Protect	This error occurs when trying to save a file to a write-protected card.
Formatting	The storage media is being formatted.
Invalid File	The file being accessed is damaged.
Memory Full	The storage memory is full.
No File	There is no file to be displayed in the playback mode.
Please Open Lens Cover	The lens is closed while under DV or Camera mode.
Please Wait	The system is processing large amount of data.
Strobe is charging	The flash strobe is being recharged.
Low Battery! Flash Strobe Disabled	The remaining battery power is not enough to recharge the flash.

Specifications

Specifications	
Hardware resolution	2048x1536 pixels (3Mega)
Sensor effective pixels	1600X1200 pixels (2Mega)
Internal memory	16MB Flash
Expandable memory	Built-in SD card slot (MMC compatible)
SD/MMC card memory	Up to 256MB
LCD display	1.5" color TFT LCD
Digital zoom	Digital video camcorder VGA: 1.6X QVGA: 4X Digital still camera 4X
Auto exposure	Available
Auto white balance	Available
Built-in microphone	Available
Built-in speaker	Available
Built-in flash strobe	Available
Self-timer	10 seconds
USB compatibility	USB 2.0 compatible
Battery	Alkaline AAx4
Dimension	107 x 40 x 69 (mm)

Main Functions

Main Functions	
Digital video camcorder	640x480 pixels / up to 10 fps 320x240 pixels / up to 20 fps
Digital still camera	2272x1704 (4 Mega) 2048x1536 (3 Mega) 1600x1200 (2 Mega) 640x480 (VGA)
PC Camera	640x480 (pixels) up to 10 fps 320x240 (pixels) up to 20 fps
Digital voice recorder	Up to 660 seconds using the 16MB built-in memory
TV-out function	NTSC/PAL color system
MP3 player	Available
USB mass storage disk	Available

Aiptek Service

If you have any problems, please contact AIPTEK office to which your country is assigned. Please note: If you reside outside of the United States or Germany, please contact **AIPTEK International Inc**.

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