

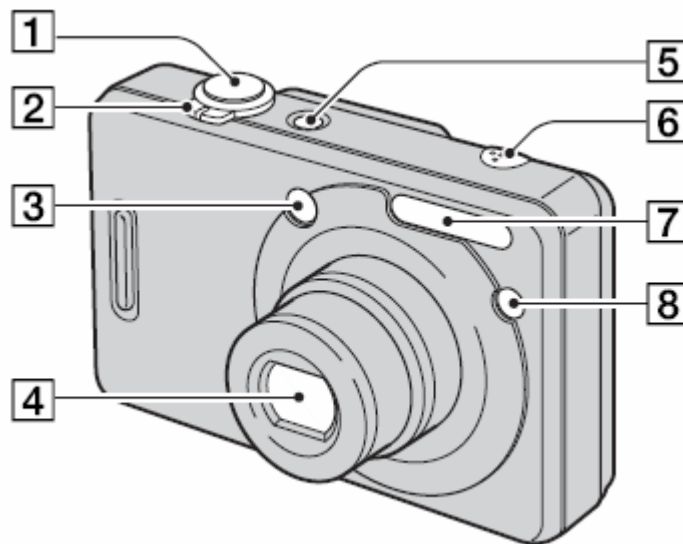
## Introduction

With the Sony Cyber-shot W50 digital camera you can add images and short digital video clips with sound to your projects, multimedia presentations, and Internet pages\* easily.

## Camera Basics

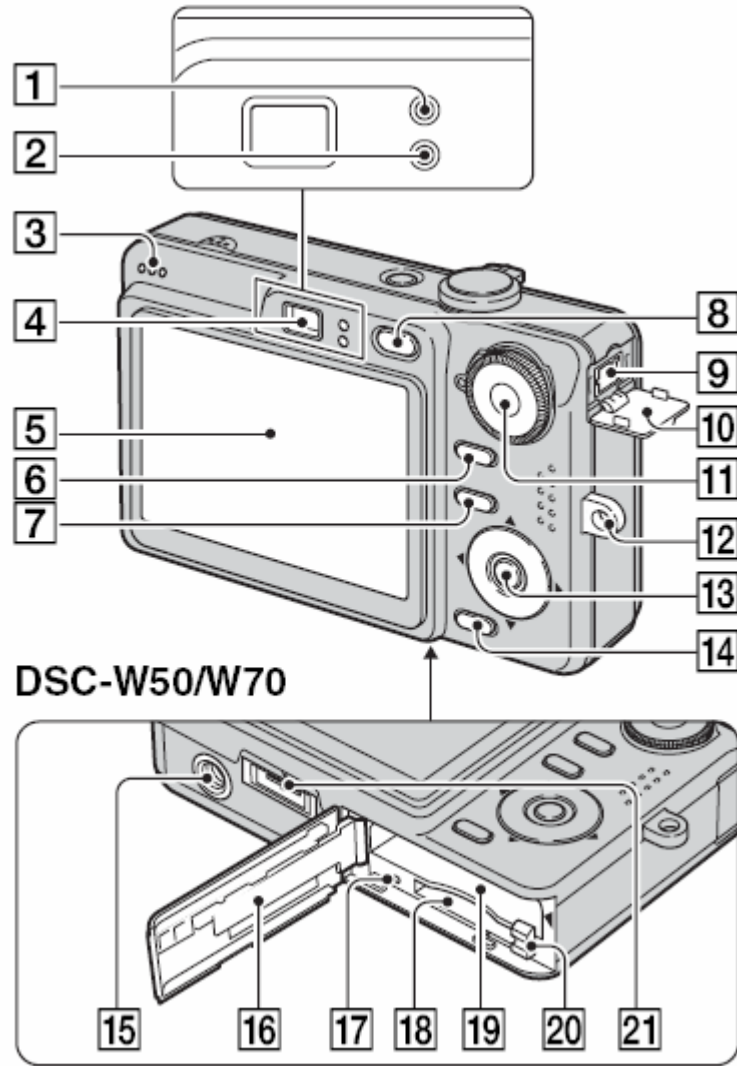
### Parts of the Camera

The Sony Cyber-shot DSC-W50 digital camera has a few basic parts including a lens, an image sensor, a memory card to hold images and video clips, battery, and a LCD (liquid crystal display) to help you frame your subject.



1. Shutter button
2. Zoom W/T Lever
3. Finder window
4. Lens
5. POWER button
6. Microphone
7. Flash
8. Self-timer lamp

*\*Reminder: Before any PISD student's name, picture, voice or verbal statement, or work can be used on a school's Internet page(s), the PISD's Publications, Video, Internet Consent and Release Agreement must be signed by their parent/guardian and be on file at the campus. This form is available from <http://k-12.pisd.edu/techs/release.htm>.*



DSC-W50/W70

- 1. AE/AF Lamp / Self timer lamp
- 2. Flash charging lamp/ Record lamp
- 3. Speaker
- 4. Finder
- 5. LCD screen
- 6. Screen display switch
- 7. MENU button
- 8. PLAYBACK button
- 9. DC IN jack
- 10. DC IN jack cover
- 11. Mode dial

- 12. Hook for wrist strap
- 13. Control button
- 14. Image size / Delete button
- 15. Tripod receptacle
- 16. Battery / Memory stick cover
- 17. Access lamp
- 18. "Memory Stick Duo" slot
- 19. Battery insertion slot
- 20. Battery eject lever
- 21. Multi-connector
- 13. Control button

### Recording Still Images

1. Press the **POWER** button.
2. Turn the mode dial to **Auto Adjust Mode**. This allows easy shooting with the settings automatically adjusted for you.



Select .

3. **Press and hold the Shutter Button halfway down** and check the image in the LCD display. The camera will automatically adjust. Once a green dot appears in the display, the camera has finished adjusting and the shutter button should be pressed all the way down.

4. The image is saved to a memory card inside of the camera.



5. To change the **image quality** (before taking the picture) push the  button on the camera. A digital image is made up of a collection of small dots called pixels. If it contains a large number of pixels, the picture becomes large, it takes up more memory, and the image is displayed in fine detail. Although you cannot see the differences on the screen of the camera, the fine detail and data processing time differ when the image is printed or displayed on a computer screen.

Image Size		Usage Guidelines
6M (2816 X 2112)	Larger  Smaller	Up to 8"X10" print
3M (2048 X 1536)		Up to 5"X7" print
2M (1632 X 1224)		Up to 4"X6" print
VGA (640 X 480)		For E-mail
16:9 (1920 X 1080)		Display on HDTV or Widescreen TV

### Recording Video Clips


1. Press the **POWER** button.
2. Turn the mode dial to **Video Mode**.
3. Press the shutter button fully down and recording will begin.
4. To stop recording, press the shutter button fully down again.



Select .

The table represents video recording times using various settings:


Capacity Size	32MB/ Internal memory	64MB	128MB	256MB	512MB	1GB	2GB
640 (Fine)	-	-	-	0:02:50	0:06:00	0:12:20	0:25:10
640 (Standard)	0:01:20	0:02:50	0:05:50	0:10:40	0:21:40	0:44:20	1:31:00
160	0:22:40	0:45:30	1:31:30	2:51:20	5:47:00	11:44:20	24:18:20

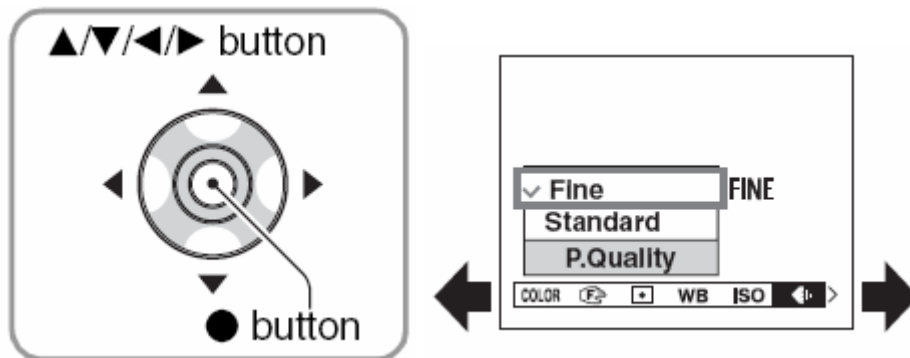
To change the video quality (before taking the video) push the  button on the camera.

Movie Image Size	Frames/Second	Usage Guidelines
640 (Fine) (640 X 480)	Approx. 30	TV (high quality)
640 (Standard) (640 X 480)	Approx. .17	TV (standard quality)
160 (160 X 112)	Approx. 8	For E-mail

## On-screen Menus

Many of the cameras features are accessed using menu items.

1. Press the MENU button on the camera to display the menu.
2. Select the desired menu item with  on the control button. If the desired item is invisible, keep pressing until  the item appears on the screen.



3. Select the setting with . The setting you select is zoomed and set.
4. Press MENU to turn off the menu.

*Please note that menu items vary depending on the mode dial position. See the table below for available menus.*

(✓ : available)

Mode dial position:		P	Scene	
COLOR (Color Mode)	—	✓	—	✓
(Focus)	—	✓	✓	✓
(Metering Mode)	—	✓	✓	✓
WB (White Bal)	—	✓	✓	✓
ISO	—	✓	✓	—
(P.Quality)	—	✓	✓	—
Mode (REC Mode)	✓	✓	✓	—
(Interval)	—	✓	✓	—
(Flash Level)	—	✓	✓	—
(Contrast)	—	✓	—	—
(Sharpness)	—	✓	—	—
(Setup)	✓	✓	✓	✓

## Working with Files

### Viewing Images and Video Clips


1. Press the playback button on the camera.
2. Select an image or video clip using on the control button.
3. To play a video clip, push .

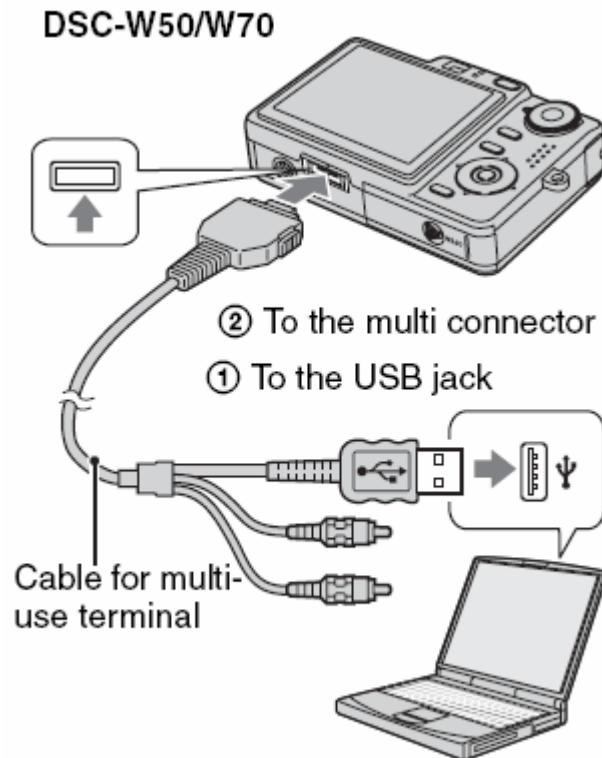


### Deleting Files

1. Display the image or video clip you want to delete and press / .
2. Select DELETE with , then press .

## Saving Files to the Computer

1. Press  to turn on the camera.
2. Connect the camera to the computer's USB port using the multi-use cable.  
*Note: When the connection is established for the first time, your computer automatically runs a program to recognize the camera.*



3. Start an appropriate editing application for the media you will be working with. For example, you could use ImageBlender or Microsoft Picture Manager to work with your still images and Adobe Premiere Elements or Windows Movie Maker to work with video clips. Go to **File > Open** and navigate to the drive that says **Sony Memory Stick**.

- Files are kept in the **DCIM folder**.
- **Image** files have the **.jpg** extension.
- **Video** clips have the **.mpg** extension.
- It is recommended that you move your files to another drive (off of the camera) by using **File > Save As** and selecting a folder on your computer.
- It is helpful to create a new folder on your computer to store your files. Name the folder something that reminds you of what the files are from.
- A good habit is to name a folder of images or video clips with the date included, i.e., "06-15-06-fieldtrip."