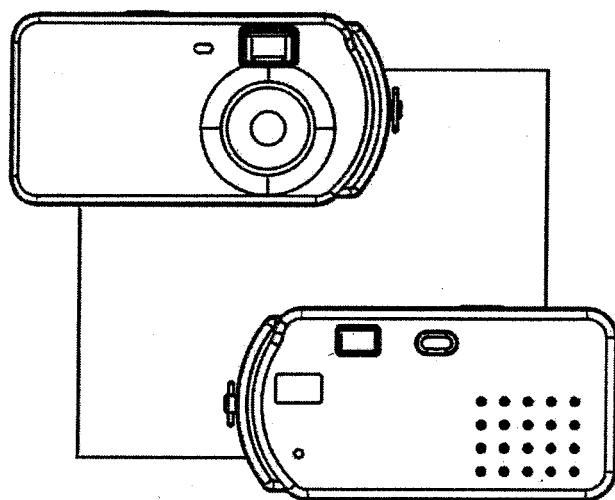


HOMA

USER MANUAL

9338 Digital Camera

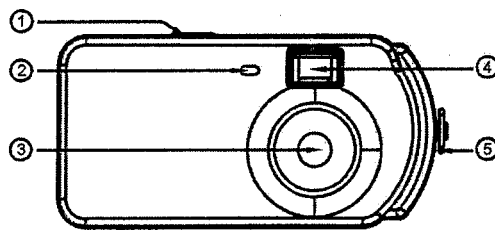


** Please read these instructions thoroughly before operating the units

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Product Overview

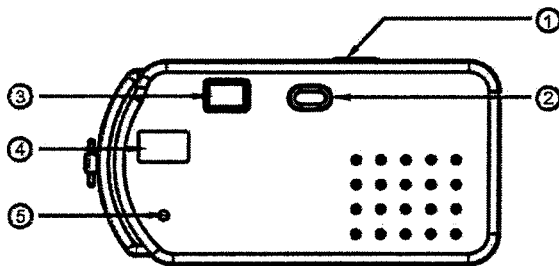
FRONT VIEW



Front View

1. Shutter/Select button
2. Power LED
3. Lens
4. Viewfinder
5. Hand strap hook

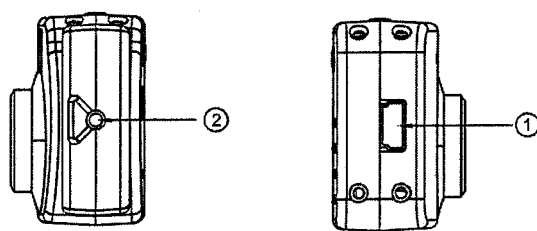
BACK VIEW



Back View

1. Shutter/Select button
2. Mode/On button
3. View Finder
4. LCD display
5. Reset Button

SIDE VIEW



Side View

1. USB cable port
2. Hole for hanging hook

Table of Contents

1. Getting started

- 1.1 What can I do with my Camera?
- 1.2 What can I do with my Digital Pictures?
- 1.3 What can I do with my Video Clips?
- 1.4 Camera Package Contents
- 1.5 Recharging the battery (non-replaceable)
- 1.6 Turing the camera on and off
- 1.7 Checking the battery level
- 1.8 Automatic power off saves battery
- 1.9 Checking Camera Status

2. Taking Pictures

- 2.1 Taking a picture
- 2.2 Setting the image resolution
- 2.3 Setting frequency
- 2.4 Self Timer Mode
- 2.5 Video Mode
- 2.6 Three-Continuous mode
- 2.7 Clear the last picture
- 2.8 Clear Memory Mode

3. Installing the Software onto a Computer

- 3.1 Install the software
- 3.2 Software included with your camera

3.3 Computer system requirements

4. **Transferring Pictures & Video Clips to your Computer**

- 4.1 Before you transfer pictures
- 4.2 Connecting to your computer
- 4.3 Transferring the pictures
- 4.4 How to use PhotoStudio ® 2000

6. **Using your camera as a Web Cam**

- 5.1 Setting up Web Cam
- 5.2 Enjoying your Web camera

6. **Troubleshooting Problems**

- 6.1 Troubleshooting

7. **Getting Help**

- 7.1 Online Services
- 7.2 Customer Support
- 7.3 ArcSoft® Software Help

8. **Appendix**

- 8.1 Technical Specifications
- 8.2 Tips, Your Safety & Maintenance
- 8.3 Regulatory Information

1. Getting Started

1.1 What can I do with my Camera?

Capture: Enjoy point & shoot operation

Communicate: Use the camera as a web camera

1.2 What can I do with my Digital Pictures?

View: View pictures on a computer using the ArcSoft® Software or 9339 manager supplied

Save: save pictures to the computer memory

Communicate: Send the pictures over the Internet to family and friends

1.3 What can I do with my Video Clips?

Save: Save your video clips on a computer using the MiniCam manager software supplied.

Playback: Playback video clips on a computer

Communicate: Send the video clips over the Internet of family and friends.

1.4 Camera Package Contents

Camera set, web cam base and stand, registration card, quick guide, software CDROM, hanging hook, USB cable.

1.5 Recharging the battery (non-replaceable)

Rechargeable battery is integrated in the camera; follow the

following steps to recharge the battery:

1.5.1 Connect the Camera to a computer with a USB cable.

1.5.2 A sound of beep is made and red light shines through the glass cover shows the camera is in charging.

1.5.3 10 hours is needed to fully charge the battery at the first time. From then on, only 1 to 2 hours is needed. The battery can be recharge for about 500 times.

1.6 Turing the camera on and off

Turn on the camera by pressing the Mode/On button once. To turn the camera off, use the Mode/On button to select the power off mode "oF", then press the Shutter/select button.

1.7 Checking the battery level

Check the battery level before taking pictures. For guidelines on batter use, see Using Your batteries

1.7.1 Turn the camera on.

1.7.2 Check the battery status level that appears on the camera LCD Screen. When battery voltage is too low to operate. The LCD Display "18" will blink continuously.

1.8 Automatic power off saves battery

Your Camera is designed to switch off automatically and save battery life without losing the pictures taken after 30 seconds of none use. The LCD will go off automatically when the camera

is in standby mode. Press the Mode/On button to reactive the camera. The camera will sound a high beep and the LCD will comeback on to indicate that the camera is ready and in operation.

1.9 Checking Camera Status

Press mode key, LCD display be change 00 – oF – SE – d8 – CS – CA – CL – Lo – Ld – 60 in turn, at the same time hear a “beep” sound every step.

Please see the details description on next chapter about the status.

2. Taking Pictures

2.1 Taking a picture

2.1.1 Switch the camera ON.

2.1.2 Frame your subject using the camera viewfinder.

2.1.3 Press the Shutter/Select button to take a picture. Hold the camera steady. A high-pitch beep sound is emitted when the picture has been taken. The LCD will show a number, indicting the numbers of picture taken.

Note: The LCD can only display two digits, the maximum number displayed will only be 99 even if the number of pictures taken exceeds 99.

2.2 Setting the image resolution

2.2.1 Pressing the Mode/On button will later the camera setting---in order

- 00: Pictures taken
- oF: Power off mode
- SE: Self-timer mode
- d8: Continuous mode for taking video clip
- CS: three picture continuous taken mode
- CA: Clear all images
- CL: Clear last image
- Lo: Change from high to low resolution/Low to high resolution
- Ld: Change the image compression mode from yes mode/no mode
- 60: Change the filter frequency from 50/60 mode.

2.2.2 The picture quality setting are described as below

2.2.2.1 High-resolution 1280 x 960 pixels, detailed images, large file size and prints.

2.2.2.2 Low-resolution 640 x 480 pixels, economy image, small file size which is good for web transferring

2.2.3 Take the picture using the Shutter/Select button.

2.3 Setting frequency

2.3.1 Press the Mode/On button until 50/60 appears on the LCD.

2.3.2 Press the Shutter/Select Button and select the correct filter frequency

2.4 Self Timer Mode

Your camera is designed with a self-timer function which will allow you to take pictures with a 10 seconds timer built in. Frame your subject and use the stand (optional) to position your camera.

2.4.1 Switch the camera on.

2.4.2 Use the Mode/On button to select the Self-timer mode.

2.4.3 Frame your subject.

2.4.4 Press the Shutter/Select button; the camera counter will automatically count 10 beep sounds then a long beep sound which indicates a picture has been taken.

2.5 Video Mode

To create a Video clip (320x240 resolution only):

2.5.1 Press the Mode/On button until the "d8" appears on the LCD

2.5.2 Press and hold the Shutter/Select button to start taking continuous images. It can take pictures continuously with approximately 10 pictures per second. In Continuous mode, the counter will rapidly increase accompanied by a series of beeps as each image is taken. If the shutter button is not pressed, the camera will revert to the normal image-taking mode.

2.6 Three-continuous mode

To take three continuous pictures, press the Mode/On button till "CS" displaying on the LCD. Press the shutter/Select key once, and with a beep sound, three pictures are taken continuously, and the number will add 3 after the action.

2.7 Clear the last picture

2.7.1 Press the Mode/On button until the "CL" appears on the LCD.

2.7.2 Press the Shutter/Select button once the last picture in the camera is deleted.

2.8 Clear Memory Mode

2.8.1 Press the Mode/On button until the "CA" appears on the LCD.

2.8.2 Press the Shutter/Select button once and the LCD Display "CA" will start to blink. Press the Shutter/Select button to confirm. All the pictures or video clips in the camera will be deleted.

3. Installing the Software onto a Computer

Important note: Make sure to install the digital camera driver before installing all the other software from the CD supplied before connect the camera to a computer and transfer pictures from the camera to

the computer.

3.1 Install the software

3.1.1 How to install the driver

- 3.1.1.1 Insert the CD-ROM disc into the CD-ROM drive and close the CD-ROM drawer.
- 3.1.1.2 An installation wizard will automatically launch.
- 3.1.1.3 Click
- 3.1.1.4 Follow the instruction presented on the screen to complete the installation.
- 3.1.1.5 Click "OK" to restart your computer and wait for your PC to restart automatically.

3.1.2 How to install PhotoStudio® 2000

- 3.1.2.1 Re-insert the CD-ROM disc into the CD-ROM drive and close the CD-ROM drawer.
- 3.1.2.2 An installation wizard will automatically launch.
- 3.1.2.3 Click the "ArcSoft PhotoStudio® 2000" icon.
- 3.1.2.4 Select the language for the installation and click "OK"
- 3.1.2.5 Follow the on-screen prompts
- 3.1.2.6 Select the software you want or you do not want installed by clicking on the tick boxes next to the software title. Click "Next>" to continue.
- 3.1.2.7 Follow the instructions presented on the screen to complete the installation.

3.2 Software included with your camera

- 3.2.1 ArcSoft Photo Studio 2000 : For photo edit and video play
- 3.2.2 GiGiCam: Download picture from 9338 MiniCam to PC
- 3.2.3 PCCAM: Drive the camera as a PC camera in PC Mode

3.3 Computer system requirements

This camera is designed for PC only. For acceptable picture transfer and editing, we recommend the following minimum requirement:

- 3.3.1 Compatible with Microsoft® Windows® 98SE, ME, 2000 or XP
- 3.3.2 Pentium® II 333Mhz or Pentium® II compatible processor
- 3.3.3 USB port
- 3.3.4 64MB RAM (128MB recommended)
- 3.3.5 200MB free disk space
- 3.3.6 CD-ROM drive
- 3.3.7 Colour monitor with high colour (16 bit) graphic capability or higher
- 3.3.8 Standard mouse and keyboard.

4. Transferring Pictures & Video Clips to your Computer

4.1 Before you transfer pictures

Important! Before you transfer your pictures make sure you have installed the software from the CD.

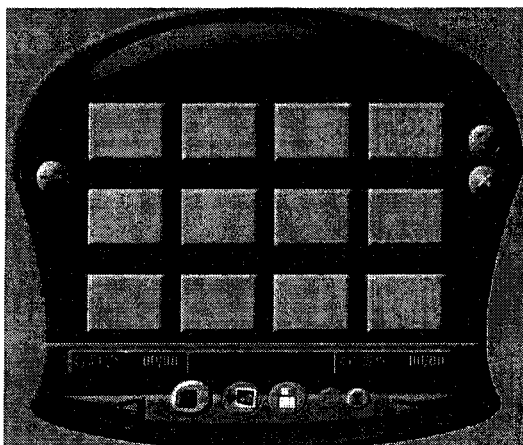
4.2 Connecting to your computer

Connecting with the USB cable. (two pictures about USB on computer side and on camera side)

- 4.2.1 Plug the labeled end "" of the USB cable into the socket marked"" on your computer
- 4.2.2 Plug the other end of the USB cable into the port on your camera.
- 4.2.3 An interface "New Hardware Found" will show on the computer desktop.

When you first connect your camera to your PC, a message appears on Screen saying "New Hardware Found" and "Building Driver Information Database". After this, you can start to upload images!

4.3 Transferring the pictures



4.3.1 Running the 9338 manager

4.3.1.1 Select the 9339 manager icon from the program group on the windows start menu or double click the short-cut icon on the desktop.

4.3.1.2 You can start to upload your images from your camera by following these steps in section on uploading images.

4.3.2 Uploading Images

4.3.2.1 Click the "download" button to capture images and download them to PC.

4.3.2.2 Select the number of images in the camera to be downloaded and then click "download" button.

4.3.2.3 All downloaded images will be shown on the panel.

4.3.2.4 Note if “No photo in the camera” warning comes out, make sure your camera is connected to PC and contains photos. Otherwise, please see the appendix “solution for driver conflict problem”.

4.3.2.5 To save one picture:

- Click the particular image you want to save to your computer.
- The color of the frame of the image will change from yellow to red.
- Then press the “save” button.
- Enter a name and select the location for the image to be saved.

4.3.2.6 To save all images/Video clips

- To save all images and video clips taken, press the “save” button, and select “save all photos” and the location to save, click “save” to complete.

4.3.2.7 To Adjust the Image quality: you can adjust the brightness, contrast, etc. of the image by clicking the Adjust image button (picture).

Creating and Uploading Video Clips

Create your very own digital movies using camera manager, and your camera supports

10 frames of video.

4.3.2.7.1 When your camera is full, attach it to your PC via USB and run the camera manager

4.3.2.7.2 You can now start to create your own video clips by following these steps.

- Follow the “uploading images” procedures point 1 to point 3.
- The video clip with a video icon on top left corner will appear on the panel.
- Select the video clip and then press the save button on the panel to save the file to PC.
- You can change the AVI frame rate before click “save” button. Higher “avi frame rate” goes more smooth video playback but shorter. Note that please don't enter an extension such .avi in Save As dialog box.

4.4 How to use PhotoStudio ® 2000

4.4.1 Select the “PhotoStudio® 2000” icon from the “ArcSoft PhotoStudio” program group on the Windows Start Menu. You can start to download your stored images from your camera by the following steps

- 4.4.2 Go to "File" -> "Select source". Select "TCD501" as source.
- 4.4.3 Click "Acquire", the camera manager will appear.
- 4.4.4 Press the Download button to transfer all images from the camera to the panel.
- 4.4.5 To upload a single still image stored on the camera to your computer, select the image you would like to upload and click the "transfer" button.
- 4.4.6 To upload all images stored in the camera, click "select all" button from every page of the images and then click the "transfer" button. All the images in your camera will be transferred to your computer into the photo impression album you have chosen.
- 4.4.7 Click "Quit" to close the camera manager.
- 4.4.8 For further help on how to use PhotoStudio® 2000, go to "help" to access the help topic or visit <http://www.arcsoft.com> for all your FAQ's, tips and technical support.

5. Using your camera as a Web Cam

5.1 Setting up Web Cam

- 5.1.1 Connect your camera to the USB cable on one end.
- 5.1.2 Connect the USB cable to a USB port on your PC on the other end.

5.1.3 Fix up your camera with the Web Cam stand, put them on top of your computer monitor or another flat surface to frame the object.

5.1.4 Connect your microphone to your audio card's external microphone connector

5.2 Enjoying your Web camera

Running PC CAM

5.5.1 Select the PCC icon from the camera program group on the windows start menu or double click the PCC shortcut icon on the desktop. The PC CAM will appear on the window.

5.5.2 Click "Preview" under "Options" menu, you can preview what you want to capture.

5.5.3 Click "Start Capture" under "Capture" menu, then a comment will appear to confirm if you are ready to capture. Click "OK" to start capture when you are ready.

5.5.4 Select "Stop Capture" when you want to end

Note: Windows XP/2000 users can also use Microsoft NetMeeting to enjoy your Web Cam. Suing NetMeeting for the first time, go to Start -> Run ->type in conf> click "OK" and then follow the on-screen set up instruction to set up NetMeeting.

7. Troubleshooting Problems

6.1 Troubleshooting

The troubleshooting guide is design to help you. If problems continue, please contact your local customer support hot-line. See your registration card for help line contact details.

8. Getting Help

7.1 Customer Support

7.2 ArcSoft® Software Help

9. Appendix

8.1 Technical Specifications

Camera:

- 8.1.1 Memory: Internal memory 16MB SDRAM
- 8.1.2 Image performance for video on Web Cam: about 6 fps on QVGA
- 8.1.3 Image sensor: CMOS 1.3 Mega sensor
- 8.1.4 Still image resolution: High 1280 x 960, low 640 x 480
- 8.1.5 Exposure: automatic
- 8.1.6 Working range: 1m to infinity

- 8.1.7 File format: Still image, BMP (driver transfer into JPG)
video clip AVI
- 8.1.8 Video clip: approximately 10 to 12 fps for QVGA
solution
- 8.1.9 External Connector: USB
- 8.1.10 Auto power off: after 30 seconds inactivity

8.2 Tips, Your Safety & Maintenance

- 8.2.1 Your camera should only be operated within the
following environmental conditions:
 - 8.2.1.1 41 to 104 degree Fahrenheit or 5 to 40 degree
Celsius
 - 8.2.1.2 20 to 85% relatively humidity, non condensing
- 8.2.2 Battery life or image quality may be affected outside
these conditions.
- 8.2.3 Camera cautions:
 - 8.2.3.1 NEVER immerse any part of the camera or its
accessories into any fluid or liquid.
 - 8.2.3.2 ALWAYS disconnect the camera from you PC
before clean it.
 - 8.2.3.3 ALWAYS remove dust or stains with a soft
cloth dampened with water or neutral
detergent.
 - 8.2.3.4 NEVER place hot items on the surface of the
camera.

8.2.3.5 Never attempt to open or disassemble camera,
as this will affect ant warranty claim.

8.3 Regulatory Information

FCC Notice

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

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

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

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause

harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

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

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

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