



VQ515



User's Manual

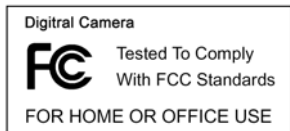
Note: The camera supports SD card only

250208

For customers in North and South America

For customers in USA

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:



- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

For customers in Canada

This Class B digital apparatus meets all requirements of the Canadian Interference-Causing Equipment Regulations.

For customers in Europe



"CE" mark indicates that this product complies with the European requirements for safety, health, environment and customer protection. "CE" mark cameras are intended for sales in Europe.

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1. System Requirements

- Personal computer, laptop, desktop, or IBM compatible with Pentium 166 MHz minimum, and with an active USB (Universal Serial Bus) port.
- Windows 98 SE / ME / 2000 / XP / Vista, CD ROM drive, color monitor, mouse and keyboard.
- Color printer for printing color pictures.
- For transferring still images via the Internet, or for video conferencing, your computer must have modem and communication software for Internet connection.

2. Package Contents

Make sure that all of the items shown below are included with your camera.



•VQ515 Digital camera



• USB cable



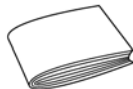
• Wrist strap



• Two AAA batteries



• Installation CD



• User's guide

3. Quick Start

CAUTION


- Please install the camera driver before using your camera with a PC.
- Best way to transfer picture to PC is using the Mass Storage mode to copy all your pictures.

• Getting Ready

1. Slide open the battery compartment cover
2. Load the batteries and the SD card into the camera.
3. Slide close the battery compartment cover.



• Taking a Picture

1. Turn on the camera.
2. Slide the **Function** switch to  (capture status).
3. Point the camera at the subject, use the viewfinder or monitor screen to compose the picture.
4. Holding the camera still, gently press the shutter button to take a picture.








• Reviewing a Picture

1. Turn on the camera.
2. Slide the **Function** switch to  (playback status).
3. Use ◀ or ▶ to scroll through the pictures or videos on the monitor screen.



• Deleting a Picture

1. Turn on the camera.
2. Slide the **Function** switch to  (playback status).
3. Use  or  to display the picture you want to delete.
4. Press the **Mode** button to turn on the menu and then use  and  to select [**Delete**] on the screen. Press the **Shutter** button.
5. When the message "Delete this file?" appears on the screen, press **Shutter** button to delete the file; press the **Menu** button not to delete this file; press the **Mode** button to exit the menu.

4. Name of Parts

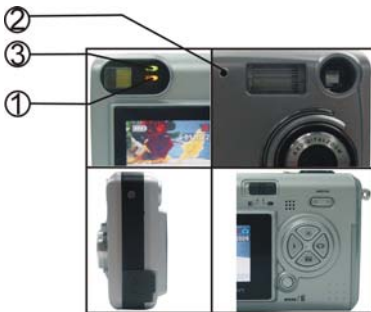
The following illustrations show the names of each component, button, and switch on the camera.

1. Shutter (OK) Button
2. Power Button
3. Self Timer Lamp
4. Flash
5. Viewfinder
6. Strap Eyelet
7. Lens
8. Charge Indicator
9. Power Lamp
10. Function Switch
11. Buzzer
12. MENU Button
13. Battery Compartment Cover & SD Card Socket
14. Arrow pad
- ▶ / ⚡: Flash
- ◀ / □: Display
- ▲ / [↑]: Zoom In
- ▼ / [↓]: Zoom Out
15. Mode Button
16. LCD monitor
17. USB Port Terminal
18. Tripod Socket



Indicators

1. Indicator Lamp (Green)
2. Self-Timer Lamp (Red)
3. Power Lamp



Digital Interface:

USB 1.1

DIGITAL ZOOM

During shooting, user can push [▲] and [▴▴▴] to zoom in and zoom out.

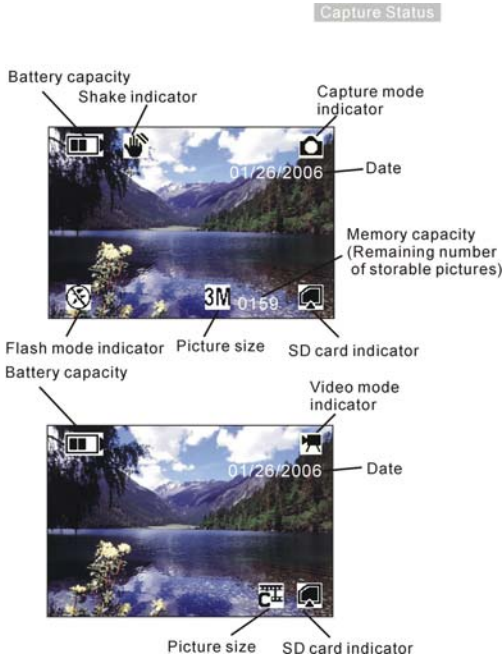
Display Button

Press the **Right** button and the current information on the LCD monitor will be displayed.


Menu Button

You can turn the menu ON or OFF by pressing the **Menu** button. As menu turn on, the items appear, use the ▲ and ▼ button to select and press the ◀ or ▶ button to enter each menu item.

5. Display Information



Note:

If the  icon appears on the LCD when you take pictures in dark conditions. Please keep your hands steady, otherwise you may capture a blur picture.

Playback Status



Sequence number/ Total number of pictures

Video playback mode indicator



Sequence number/ Total number of pictures

Press [] or [] to switch the video playback modes

◀◀ Reverse

|| Pause

▶ Play

▶▶ Fast forward

6. Getting Started

• Installing Camera Batteries:

1. Slide open the battery compartment cover.



2. Insert batteries. Be sure to load batteries with + and – terminals as shown on the camera.



3. Slide close the battery compartment cover.



• Inserting SD Card:

The camera requires SD card for storing pictures and videos:

SD Card – The SD cards provide removable, reusable storage for pictures and videos. Store as many pictures as you like, depending on the size of the card.

CAUTION:

The card can only be inserted one way; forcing it may damage the camera or card. Do not insert or remove a card when power is on.

To insert an SD card:

1. Turn off the camera and open the battery compartment cover.
2. Orient the card as shown. Push the card into the slot to the connector.
3. Firmly to remove the card, push it in, and then release it.

When the card is partially ejected, pull it out.

4. Close the battery compartment cover.



Note: If the “MEMORY FULL” warning message appears on the LCD monitor, it means the SD card is full. Please remove the memory and insert a new one or move/store all picture/video in memory to your computer.






• Turning On the Camera:

1. Press the **ON/OFF** button on as shown in the illustration.
2. Buzzer will beep and indicator lamp will light. The LCD monitor will be turned on.
3. Press the **ON/OFF** button again to shutdown the camera.



• **Setting the Date, Time and Date Stamp:**






Use the following procedure to change the date and time setting.

1. Slide the **Function** switch to  (capture status).
2. Press the **Mode** button twice to turn on function menu. Press the **Shutter** button.
3. Press  or  to adjust the date and time. Press  or  to advance to the next setting.
4. When finished, press the **Shutter** button to confirm the setting; press the **Menu** button to return to main menu, press the **Mode** button to exit the menu.



Use the Date Stamp setting to imprint the date on your pictures.

In the Date Time Setting menu. Make sure the camera clock is set to the correct date.



1. Slide the **Function** switch to  (capture status).
2. Press the Menu button and then press  or  to select [Time Stamp] option.
3. Press  or  to select [Date Only] or [Date&Time]
4. Press the Menu button to exit the menu.

• **Power Saving:**


The camera will automatically power off approximately 30 SEC, 1MIN, 3MIN, 5MIN (selectable) after you do not perform any operation.

7. Taking Pictures

• Taking a Picture

1. Turn on the camera.
2. The LCD monitor will display image and symbols.
3. Slide the **Function** switch to  (capture status).
4. The LCD monitor will display  (Snapshot Mode).




If icon is different, Press the **Menu** button and then press ▼ to

select [Burst Snapshot], and then press ◀ or ▶ to select [single]  and then press the Menu button to exit the menu.

5. Point the camera at the subject; use the monitor screen or the viewfinder to compose the image.
6. Holding the camera still, gently press the **Shutter** button to take the picture.

Note: How to take a good shot? After pressing down shutter button, keep your hand steady for 2 seconds to get best result.






• Taking Continuous Pictures

1. Make sure the **Function** switch is set to  (Capture Function)
2. Press the **Menu** button and then press ▼ to select [Burst Snapshot], and then press ◀ or ▶ to select [Burst]  and then press the Menu button to exit the menu. And the icon  will appear on the LCD monitor.
3. Point the camera at the subject; use the monitor screen or the viewfinder to compose the image.
4. Holding the camera still, gently press the shutter button to take the picture.



• Using Digital Zoom

The Digital Zoom provides up to 8X magnification of your pictures. You may notice a decrease in printed image quality when using Digital Zoom.

1. Make sure the **Function** switch is set to  Use the LCD to frame your subject.
 2.  Button: The subject will be enlarged.
 Button: The subject will be reduced.
- Press the  to zoom in. Keep the button pressed for continuous magnification. The LCD displays the zoomed image and the magnification level.
3. Press the  to zoom out.
 4. Press the **Shutter** button to take the picture.


Note: 1. The image will appear grainier as the image is digitally zoomed.

2. Digital Zoom is automatically turned off when the camera is turned off.

3. You cannot view the zoomed subject through the viewfinder.



• Using Flash Light

When you take pictures at night, indoors, or outdoors in heavy shadows, you use the flash. Press the  button repeatedly to scroll through the flash options.

The flash icon that is displayed on the LCD monitor is the active option.





Off—flash never fires. (Default)




Auto Flash—flash fires when the lighting conditions require it.



Force Flash—flash fires every time you take a picture, regardless of the lighting conditions.

• Setting Picture Quality

Use the Quality setting to select a picture resolution:

1. Make sure the **Function** switch is set to , and then press the **Menu** button.

2. Select an option with ◀ or ▶:

5M (2560x1920) — for enlarged picture size; produces higher picture resolution and larger file size.

3M (2048x1536) — for standard picture size; produces normal picture resolution and middle file size.

2M (1600x1200) — for small picture size; pictures are of lower resolution and file size is smaller.


3. Press the **Menu** button to confirm to return to capture status and you will see the icon **5M/3M/2M** on the LCD.

Note: 1. This setting remains until you change it.

2. Movies can be shot with the CIF (320 x 240) or VGA (640 x 480) resolution.



• Putting Yourself in the Picture

The Self Timer creates a default delay between the time you press the **Shutter** button and the time the picture is taken. This setting is ideal when you want to include yourself in the picture.



1. Make sure the **Function** switch is set to .
2. Press the **Menu** button Press the **Menu** button and then press ▼ to select [Selftimer].
3. Press ◀ or ▶ to select [10SEC], [15SEC], [20SEC]. Press the Menu button to return to capture status.
3. Place the camera on a flat surface or use a tripod.
4. Compose the picture, then press the Shutter button all the way down.
5. The red Self Timer light, located on the front of the camera, blinks for 10,15,20 seconds (selectable) and you will see the counter on the LCD before the picture is taken.

8. Taking Videos

• Taking a Video

1. Turn on the camera.
2. The LCD monitor will display image and symbols.
3. Slide the **Function** switch to  (Capture Function).
4. Press the **Mode** button once, the icon  appears on the LCD monitor. (Video Mode)
5. Frame your subject on the LCD or viewfinder, then press the **Shutter** button to take the video.
6. Press the **Shutter** button again to stop recording.



Note: 1. During recording, user can press the  /  button for zoom in/out.

2. The video resolution is CIF (320 x240) and VGA (640 X 480). It's will show icon "CIF" or "VGA" on LCD in Video mode.

3. You can select video resolution use the [Video Resolution].

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9. Reviewing Pictures and Videos


• Reviewing Pictures



1. Turn on the camera.



2. Slide the **Function** switch to  (playback status).







The last picture or video is displayed.

3. Use  and  to select the picture or video

(If the icon  appears on the LCD monitor) you want to review.

4. Press the  or  button to start playback of the video.


5. During the playback, press the  or  button to pause / resume/back/forward the video playing.

Note: 1. You can use the  or  button to enlarge or reduce picture, and then press Shutter button. Now you can press  /  and  /  to see different parts of the picture.





2. Video cannot be zoomed.

• Viewing six Pictures



View six pictures at once on the LCD monitor (Index View) so that you can search the picture quickly.

1. Make sure the **Function** switch is set to , and then press the **Shutter** button.

2. Six picture thumbnails appear on the LCD monitor.

3. Use  /  or  /  to select the picture. A red-frame indicates the current picture selected.

Press the **Shutter** button for the picture you want to see in the whole screen.

If you turn on the **Menu** button at this mode you will see the picture as shown on the right side. Press the  and  button to select the item, then press the Shutter button to confirm the setting. Press the **Menu** button and **Shutter** button to exit the menu.



Slide Show





 OK

 OK

 OK

• Using Slide Show






Use the Slide Show feature to sequentially display your pictures and videos on the camera LCD, on a television screen, or on any external display device equipped with a video input.

1. Make sure the **Function** switch is set to , and then press the **Menu** button.
2. Press the  or  to select [Slide Show]  on the screen and then press the **Shutter** button.
3. Each picture and video thumbnails is displayed in the order in which you took them.
4. Press the **Shutter** button again to stop the slide show.

- Note:**
1. Once the user selects the Slide Show Mode, camera will automatically play all the pictures. Press the shutter button to stop the slide show.
 2. Video is played like the way of playing option.









• Magnifying Pictures

Use the Magnify feature to zoom in to different areas of the picture.

1. Make sure the **Function** switch is set to .
2. Use  or  to select the picture you want to enlarge, and then press the  button to zoom in the picture; press the  button to zoom out the picture.

Note: Videos cannot be enlarged.

• Selecting Pictures for Printing (DPOF Print Settings)






1. Make sure the **Function** switch is set to .
2. Use  or  to select the picture you want to print, and then press the **Menu** button.
3. Press the  or  to select [Print] on the screen and press the  or  button to select ON/OFF.
4. Press the **Mode** or **Menu** button to return to playback status. And you will see the icon  appears on the LCD if you choose ON.

Note: The DPOF printing feature support SD card only.






10. Deleting Pictures and Videos

Delete item allow user to delete current or all the stored images from the internal memory or SD card.

• Deleting Single Picture or Video

1. Turn on the camera.
2. Slide the **Function** switch to  (playback status).
3. Use  or  to display the picture you want to delete.
4. Press the **Mode** button to turn on the menu and then use  and  to select [Delete] on the screen. Press the **Shutter** button.
5. When the message “Delete this file?” appears on the screen. Press **Shutter** button to delete the file; press the **Menu** button not to delete this file and return to main menu. Press Menu button again to return to playback status.




• Deleting All Pictures and Videos

1. Turn on the camera.
2. Slide the **Function** switch to  (playback status).
3. Use  or  to display the picture you want to delete.
4. Press the **Mode** button to turn on the menu then use  and  to select [Delete All] on the screen. Press the **Shutter** button.
5. When the message “Delete all files?” appears on the screen. Press **Shutter** button to delete the files; press the **Menu** button not to delete the files. Press the **Menu** button not to delete this file and return to main menu. Press Menu button again to return to playback status.

Note: 1. If all files (Photos and video clips) are erased, the message “No Image” appears on the on the TFT.






2. Files that are erased cannot be recovered. Make sure you have selected the images you want to erase.
3. Files that have been protected (see the following section) cannot be erased even if “Delete All” is selected.

• **Formatting Internal Memory or SD Card**

1. Make sure the **Function** switch is set to .
2. Press the **Mode** button to turn on the menu and then use  and  to select [Format Storage] on the screen. Press the **Shutter** button.
3. When the message “Format will destroy all data. Continue?” appears on the screen. Press **Shutter** button to format the files; press the **Menu** button not to format the files. (press the **Menu** button once to return to main menu, press the **Menu** button twice to return to playback status.)
4. If all files (Photos and video clips) are formatted, the message “No Image” appears on the on the TFT.
5. Files that have been protected (see the following section) can be erased if “Format Storage” is selected.

11. Customizing Your Camera Settings

* Capture Status Menu

[MENU BUTTON] When user slide the **Function** switch to  (capture status). Press the **Menu** button can turn ON/OFF function menu. Use  and  buttons to select items, press the  or  to enter each item. Press the Menu button to confirm the setting and return to capture status.

3M [Picture Size]



You can change the picture size (excluding videos) settings to suit your purpose.

5M (Large)	2560 x 1920 pixels	for enlarged picture size; produces higher picture resolution and larger file size.
3M (Medium)	2048 x 1536 pixels	for standard picture size; produces normal picture resolution and middle file size.
2M (Small)	1600 x 1200 pixels	for small picture size; produces lower picture resolution and smaller file size.



[Exposure Value]

Exposure compensation lets you change the exposure setting manually to adjust for the lighting of your subject. This feature helps to achieve better results when recording a backlit subject, a strongly lit subject indoors, or a subject that is against a dark background.

1. Press the  or  to adjust the compensation.
2. Press the **Menu** button to confirm and return to capture status..
 - The settings can be adjusted in 1/2 steps within the range -2EV ~ +2EV.
 - You can check the result of the compensation by viewing the image on the LCD monitor.

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[White Balance]

When the white balance is set to match the light source, the camera can take picture more accurately.

	Auto	The camera sets the white balance automatically according to shooting conditions.
	Sunny	Use when shooting at outdoors in sunlight on a clear day.
	Cloudy	Use when shooting at outdoors and the sunlight is not enough such as under cloudy skies, in shade or at dusk.
	Tungsten	For recording under tungsten fluorescent lighting.
	Fluorescent1	For recording under fluorescent lighting.
	Fluorescent2	For recording under fluorescent lighting.



[Burst Snapshot]

	Single	Take one picture once.
	Burst	Take three pictures once.



[Selftimer]

	OFF	Setting the timer off.
	10 SEC	Setting the timer in self-timer to 10 second.
	15 SEC	Setting the timer in self-timer to 15 second.
	20 SEC	Setting the timer in self-timer to 20 second.



[Time Stamp]

	OFF	Do not print time on the picture.
	Date Only	Print Date on the picture.
	Date & Time	Print Date & Time on the picture.

[MODE BUTTON] When user slide the **Function** switch to (capture status). Press the **MODE** button twice can turn ON/OFF function menu. Use and buttons to select items, press the Shutter button to confirm the setting. Press **Menu** button to return to main menu. Then press Mode button to return to capture status.



[Date & Time Setting]

Press or to adjust the date and time. Press or to advance to the next setting. When finished, press the **Shutter** button to confirm the setting; press the **Mode** button to exit the menu, or you can press Menu button to return to main menu and then press the Mode button to return to capture status.





[Language]

Press the or to select the submenu and then press the **Shutter** button to confirm.

Press Menu button to return to main menu. Press the **Mode** button to return to capture status.

English	Setting the language to English. (*)
Français	Setting the language to French.
Deutsch	Setting the language to German.
Italiano	Setting the language to Italian.
Español	Setting the language to Spanish.
Русский	Setting the language to Russian.
简体中文	Setting the language to Simplify Chinese.



[Beeper]

Press or to set the beeper on/off .

ON	Setting the beep sound to on.
OFF	Setting the beep sound to off. (*)



[Format Storage]

Press **Shutter** to turn on the submenu and then follow p18 to format the flash memory or SD card.





[Auto Power Off]

Press ◀ or ▶ to set the time of auto power off .

30SEC	Setting the camera automatically powers off approximately 30 seconds.
1MIN	Setting the camera automatically powers off approximately 1 minute.
3MIN	Setting the camera automatically powers off approximately 3 minutes.
5MIN	Setting the camera automatically powers off approximately 5 minutes.



[Light Freq.]

 50	Setting the flicker frequency to 50 Hz.
 60	Setting the flicker frequency to 60 Hz. (*)



[Default Setting]




Press **Shutter** to turn on the submenu and then press **Shutter** button again to confirm or press Menu button not to return to default setting.



[System Info.]




Press **Shutter** to see the version and then press **Menu** button return to main menu.




* Playback Status Menu

[Menu Button] When you slide the **Function** switch to  (Playback Status), pressing **Menu** button can turn ON/OFF Playback status menu. Press  and  to select the item.

Press the shutter button to start/stop slide show.

Use  or  button to set Protect and Print to On/OFF.




	Slide Show	to Slide Show.
	Protect	to protect picture. (on-lock/off-unlock)
	print	to print picture. (on-print/off-not print)

[Mode Button] When you slide the **Function** switch to  (Playback Status), pressing **Mode** button can turn ON/OFF Delete menu. Press  and  to select the item.

Press the shutter button to turn on the submenu of delete/format and then press the shutter or menu button to delete/format or not to delete/format the pictures.

[Delete]:

Delete item allow user to delete current or all the stored images from the memory.

	Delete One	to delete (erase) current picture or video.
	Delete All	to delete (erase) all pictures or videos.
	Format	to format the flash memory or SD card.

12. Installing Your Camera Driver and Software

• Installing Driver

1. Turn on the computer.
2. Insert installation CD into the CD-ROM drive and the installation CD menu will appear.
3. When you see the following screen, choose **“Install Web Cam Driver”**.
4. Follow the on-screen instructions.
5. Restart the computer.



• Installing Software

1. Insert installation CD into the CD-ROM drive and the installation CD menu should appear.
2. When you see the following screen, choose **“Arcsoft Software Suite”** to install the software.
3. Follow the instructions on screen.
4. Installed software will automatically create **“VideoImpression 2”** or **“PhotoImpression 5”** logo on your desktop.

13. Uninstalling Software

Following instruction will guide you to uninstall (remove) software from computer.

• Uninstalling Software

1. Click "Start" from the task bar and choose "Settings" -> "Control Panel". (For Windows XP: "Start" -> "Control Panels")
2. Double click "Add/Remove Programs".
3. Select the program to be uninstalled: "Arcsoft Software Suite".
4. Click on "Remove Program" (For Windows 2000/XP: "Change/Remove") and then "OK".


• Uninstall Camera's Driver

1. Click "Start" from the task bar and choose "Settings" -> "Control Panel". (For Windows XP: "Start" -> "Control Panels").
2. Double click "Add/Remove Programs".
3. Select the program to be uninstalled "STK02N 2.0".
4. Click on "Remove Program" (For Windows 2000/XP: "Change/Remove") and then "OK".

14. Downloading Images to You Computer

For Windows 98/ME customers:

Please install VQ3015 drive before connecting.

1. Slide the **Function** switch to  (Playback Function).
2. Then connect the camera to the computer with the included USB cable.
3. "USB Mass Storage drive" appears on the computer screen.

For Windows XP:

A dialogue box with options appears as shown on the Right side.

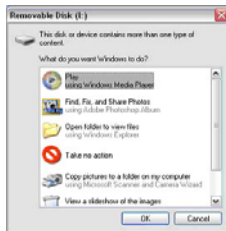
The options are Play, Find/Fix/Share Images.

Open folders to view files, take no action,

Copy images to a folder on my computer,

View a slide show of images, and etc.

Please select one of them and click on "OK".



For Windows 2000/ME/98:

Double click on "My computer", and then double click on Removable Disk (i:) in the DCIM files. (All the photos and videos are stored here).


3. Press "Ctrl+A" on the keyboard to choose all the photos/videos, then press "Ctrl+C" to copy photos, and then open a file in the computer, press "Ctrl+V" to paste the photos.

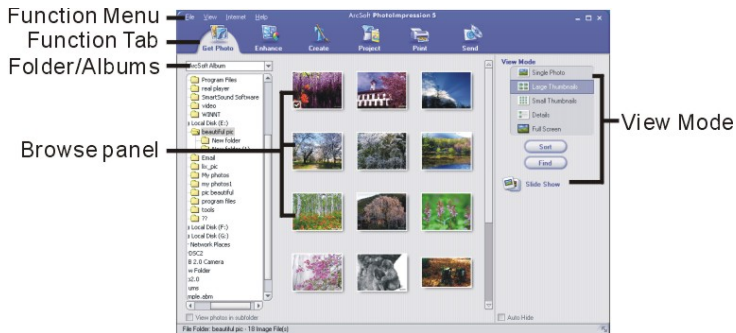
15. ArcSoft PhotolImpression 5



ArcSoft PhotolImpression 5 is a complete digital image editing application designed with real people in mind. Easy-to-use “Getting Start” guides, user-friendly UI, complete image editing functionality, give users wonderful experience to organizing, viewing, enhancing, editing, printing and sharing photos.

Click “Start” → “Program” → “ArcSoft Software Suite” → “PhotolImpression 5” to launch PhotolImpression 5 or double click PhotolImpression 5 icon on the desktop and you will see a window as the screenshot above.

Select the picture source. For example: 1. Click “Folder”  for acquiring photos from your computer 2. Select the file path. 3. You can start editing them.



1. **Get Photo** – Choose how to view or acquire photos.
2. **Enhance** – Crop, brighten, rotate, resize and modify photos.
3. **Create** – Add clip art, special effects, frames and more.
4. **Project** – Make calendars, photo books and greeting cards.
5. **Print** – Print multiple images per page and multiple pages at one time.
6. **Send** – Email photos or upload them to online photo sharing accounts.

Note: For more detailed information, please refer to the Help of the program.

16. ArcSoft VideImpression 2



ArcSoft VideImpression 2 creates home movies and slide shows by combining existing videos, still images, exciting scene transitions, and multiple audio tracks. Though simple to use, the program provides intense and broad video editing and export options perfect for owners of digital still cameras, desktop and digital video cameras, and camcorders.

Click “Start”→ “Program”→ “ArcSoft Software Suite”→ “VideImpression 2” to launch VideImpression 2 or double click VideImpression 2 icon on the desktop and you will see a window as the screenshot above.

Open a Project – Let you browse the project files in the VideImpression system folder. By “project,” we mean to say a file that contains all of the settings and each individual component on the Storyboard. When you save your work as a project, you can go back and swap components, add and remove them, alter audio, etc.

Create a Video – Create a new video project. You can retrieve media materials from the device connected or choose media files from system folder. You can choose video materials from your photo album as well.

Create a Slide Show – Create a slide show project. You can retrieve media materials from the device connected or choose media files from system folder. You can choose slide show materials from your photo album as well.

If the box “Always show this wizard when VideoImpression starts.” at the bottom of the wizard is checked, the wizard will appear each time you run the program. If you'd like to skip the wizard the next time, uncheck the box.

Select the item you desire and the picture and videos you need then you will enter the editing interface as below.

You can use the six steps in the Function Menu to create video clips and slide shows.



1. **Media** - Select the videos and images that will comprise your final movie or slide show.
2. **Edit** - Modify video and image color and adjust the duration of each movie component. Only available for video projects.

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3. **Effects** - Add neat special effect transitions between each component, or apply a pre-made theme.
4. **Text** - Place animated text on any movie component. Only available for video projects.
5. **Narrate** - Record audio directly from the program and add it to your movie.
6. **Produce** - Combine all components to create your final video; save it in a variety of ways or email it to friends.

The Storyboard - The backbone of the creation process, it's where you assemble your movie.

The Player - Preview and modify your movies in this area.

Working with Albums - Albums let you organize your media for easy access.


Note: For more detailed information, please refer to the **[Help]** of the program.

17. Using the Camera in PC-Cam mode


The VQ515 offers two USB modes: Removable Disk and PC Camera.

Note: Please install VQ515 drive before you can use the camera in PC-Cam.

Setting Up PC-Cam


1. Turn the camera power on and slide the **Function** switch to  (Capture Status).
2. Connect the camera and the computer use the USB cable.
3. There are many methods to view your image in PC-Cam mode if you have Video software.


For example:

A. Click “NetMeeting” → “Start Video” 

B. About Arcsoft software:

- a. PhotImpression 5: Click “file” on the function menu → Click “Get photo” →

an icon  on the browse pane as shown on the right → “Live”.

- b. VideoImpression 2: Click “Create a new video” → “Get from Album” → “Capture Video”. .



18. Checking the Connection of Your Camera

*Turn the camera power on and slide the **Function** switch to  (Capture Status).

*Connect the camera to the computer with the included USB cable.

For Windows 98/ME only

Double click "My Computer" icon ->

Control Panel -> System -> Device ->
Manager -> Imaging Device; when you

See "Standard Camera" that
means now the camera is installed.

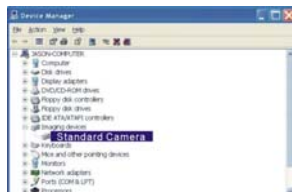


For Windows 2000/XP only

Double click "My Computer" icon
(Windows 2000) or go to Start button
and select "My Computer" (Windows XP) ->

Control Panel -> System ->
Hardware -> Device Manager ->

Imaging Device; when you see
"Standard Camera" that
means now the camera is installed.



19. Internet Video Conferencing

To run a video conference with another person, you and the other person must have the computer station configured with web camera, microphone, speakers, modem and have access to the Internet.

You have to download video conference software, purchased or free, such as basic software like I-phone or Microsoft NetMeeting, or Yahoo Messenger.

As an example: to download Windows NetMeeting, go to www.microsoft.com search for NetMeeting and follow the download procedure.

Starting NetMeeting, you have to follow the simple set up procedure on the computer screen, enter your personal information and adjust the microphone volume. Here's how video conferencing works:

To receive video:

1. Call someone you want to see/hear.
2. On the **Tools** menu, point to **Video**, and then click **Receive**.

If you have a video camera, you can send video to the person you are calling.

To send video

1. Call someone you want to see/hear.
2. Click the **Start Video** button.

- Note:**
1. You can also send video by clicking the **Tools** menu, pointing to **Video**, and then clicking **Send**. After starting the video, the button changes to **Stop Video**. To stop the video, click the **Stop Video** button again.
 2. For software support, or detailed information how to work with PhotoImpression 5 or VideoImpression 2 – contact www.ArcSoft.com.

Appendix:**Specifications**

Image Sensor	3.2M pixels CMOS Sensor (2048 x 1536), 1/2-inch
Lens Specification	F 2.8, f =9.3 mm
Flash	Automatic, force, Off
Memory	16MB SDRAM
Continuous Capture	3 Images
White Balance	Automatic/Sunny/Cloudy/Tungsten/Fluorescent 1/ Fluorescent 2
Exposure	-2 EV ~ 2 EV
Compression	JPEG / MJPEG (AVI)
Capacity – Still Mode	5M --- 2560 x 1920 Pixels 3M --- 2048X1536 Pixels 2M ---1600 x 1200 Pixels
Video Capture	VGA 640 x 480 pixels; CIF 320 x 240 pixels
PC Mode – Frame Rate	QVGA 320 x 240 Pixels 15~18fps VGA 640 x 480 Pixels 8~12 fps
Movie Mode	Video : VGA 640 x 480 pixels 8~12 fps QVGA 320 x 240 pixels 15~18fps SD card not included No Audio function
Zoom	8 x Digital Zoom for Preview & Playback
LCD Display	1.5" LTPS LCD
Self-Timer	Yes
Interface	USB 1.1
Operating System	Microsoft Windows 98 SE / ME / 2000 / XP / Vista
Power	2 AAA 1.5V Alkaline Batteries (included)/ Re-chargeable Batteries x 2)
Bundled Software	ArcSoft PhotoImpression 5 and Arcsoft VideoImpression 2

Q1: If I do not use batteries, can I use an USB cord and Adaptor and still take pictures with my digital camera?

A1: No, when taking pictures, it is important that you use batteries. Also, you have to remember to charge the batteries before operating your camera.

Q2: I have noticed that the pictures I have taken are all very dark. How can I make these pictures lighter? Should I use the flash often?

A2: Avoid taking pictures in places with little lighting. When it is cloudy, please use other means to create more light before taking pictures. We recommend using the flash function during nighttime. During the day, the flash may be too strong and the picture may come out too bright, thus use it only during the night.

Q3: After I am done taking a picture, it takes a while for the picture to come up on the LCD monitor. Is there something wrong with my camera?

A3: No, with the camera, if you select a larger picture size, it will take longer for it to come up on the LCD monitor. So if you want to speed things up, please select a smaller picture size. (M picture size is recommend)

Troubleshooting

Problem	Source	Solution
The camera is not running	The power is not on	<ul style="list-style-type: none"> • Press the ON/OFF button to turn the camera on.
	The batteries were not inserted properly	<ul style="list-style-type: none"> • The correct direction to insert the AAA batteries is indicated on the camera.
	Batteries are depleted	<ul style="list-style-type: none"> • Replace with unused alkaline or fully recharged batteries (two AAA-size batteries).
	The SD card slot/battery cover is not closed properly	<ul style="list-style-type: none"> • Close the cover correctly and securely.
The camera is not taking pictures.	The camera is in the Playback Function mode	<ul style="list-style-type: none"> • Slide the function switch to Capture status.
	The flash is charging	<ul style="list-style-type: none"> • Wait until the flash charges. You can press the shutter button when the indicator glows a steady green.
	The SD card or internal memory is already full	<ul style="list-style-type: none"> • Obtain a new SD card and insert it. • Download images to your computer, and then erase them from the card to free up more space.
	The SD card is not formatted correctly	<ul style="list-style-type: none"> • Ask SD card manufacturer for assistance.

Problem	Source	Solution
Picture is not clear	The lens is dirty	<ul style="list-style-type: none"> • Clean the lens.
The pictures are blurred	Hands were not steady when taking the picture	<ul style="list-style-type: none"> • Ensure hands are steady when taking picture and remain steady one minute after clicking the Shutter button.
	The picture subject was not in the focus range of the camera	<ul style="list-style-type: none"> • Keep a minimum distance of 60 inches between the picture subject and the camera lens to stay in the focus range of the camera.
The flash doesn't fire	The flash mode is set to Off	<ul style="list-style-type: none"> • Set the flash to any other mode except Off.
The computer cannot communicate with the camera	Camera power is off	<ul style="list-style-type: none"> • Turn on the camera.
	USB cable is not securely connected	<ul style="list-style-type: none"> • Connect cable to camera and computer port.
	Driver is not installed (for Windows 98 user)	<ul style="list-style-type: none"> • Install the camera driver.
The PC Camera doesn't work	Camera power is off	<ul style="list-style-type: none"> • Turn on the camera.
	USB cable is not securely connected	<ul style="list-style-type: none"> • Connect cable to camera and computer port.
	Driver is not installed	<ul style="list-style-type: none"> • Install the camera driver.

Safety Precautions

Precautions for The camera

1	Do not shoot while driving or walking, otherwise it may cause traffic accident.
2	Do not trigger the flash in close proximity to human or animal eyes.
3	Expose to the intense light produced by the flash may damage eyesight, especially for young children, please shoot at least one meter (39 inches) away when using the flash.
4	Do not use the viewfinder to compose the sun or other intense light sources that could damage your eyesight.
5	Do not allow the camera to come into contact with, or become immersed, water or other liquids when using the camera, otherwise it may result in fire or electrical shock.
6	Do not use camera in rain, snow, and at seaside, pond, and bathroom.
7	Turn off the camera immediately if it emits smoke or noxious fumes, and then keep away from the camera.
8	Do not take pictures on the plane or any other places where taking picture is forbidden, otherwise it will lead to accident.
9	Do not attempt to modify this camera in anyway. This may cause a fire, electronic shock or severe damage to the camera.
10	Please do not use this product in close proximity to flammable or explosive gases as this could increase the risk of explosion.
11	Do not swallow batteries or small camera accessories.
12	Do not insert or drop metallic or inflammable foreign objects into the camera through access points, e.g. card slot and battery chamber. This may cause a fire or electronic shock.
13	Do not operate this camera with wet hands. This could pose a risk of electronic shock.

14	Under the environment with electrostatic discharge, the camera may malfunction and require the user to reset the camera.
15	Under the environment with electrical fast transient (EFT), the camera may lose function and require user to reset the camera.
16	Shield cables must be used with unit to ensure complies with the Class B FCC limits.
17	It is normal that the temperature of the camera body rises after being in use for a long period.
18	Do not leave the camera in places subject to extremely high temperature, such as in a sealed vehicle, under direct sunlight, or in other places with extremely variances in temperature. Exposure to extremely temperature may adversely affect the camera's internal components and could cause a fire.
19	Always use the camera and its accessories in a well-ventilated area.
20	Allowing dust to accumulate in the camera over a long period of time is hazardous and in extreme prior to seasonal periods of high humidity.

Precautions for Batteries

1	Dispose of the batteries in a manner that complies with applicable laws.
2	Leakage, overheating, or burst batteries could result in fire or injury.
3	Do not short circuit, heat or dispose the batteries on fire.
4	Do not use old batteries with new ones, or mix brands of battery.
5	Ensure the batteries are positioned correctly with regard to polarity (+/-).
6	Batteries may lose power and leakage if kept inside the camera for a long time without using. Please remove the batteries while the camera is not in use.
7	Do not use manganese batteries as they cannot supply sufficient power to support the camera's operations.

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