VS27G / VS28B
Digital Camera
User's Manual

Vivitar®

Table of Contents

1

Introduction

Thank you for purchasing the VS27G, VS28B Vivitar Digital Camera. Everything you need to take quality digital photos and videos is included with your device. Please read this manual carefully FIRST in order to get the most out of your digital camera.

Important Notice:
Please do not plug the camera into the USB port of your computer until you have installed the Vivitar Experience Image Manager – TARGET Edition software and the camera`s driver.
Plugging in your camera at this stage will cause the device to not be recognized by the computer and no images will be downloaded.

Key Features

- 1.4 Inch Color LCD monitor
- Vivitar Experience Image Manager – TARGET Edition software for uploading and managing photos and videos to or from the most popular photo sharing and social network websites.
- Order Prints online using the Target Online Photo Partners – Shutterfly, Kodak Gallery and Photobucket

What your digital camera includes

- Digital Camera
- Vivitar Experience Image Manager – TARGET Edition software and driver Installation CD
- USB cable
- Strap
- Warranty card
- Quick Start Guide

Computer System Requirements for Windows XP

To be able to download photos and videos to your PC, you will need the following minimum configuration:

- Pentium 4 processor or above with Windows XP service pack 2
- 512 MB RAM, with 100MB of free disk space
- 1024 x 768 Recommended screen resolution
- 16-bit color or higher display adaptor
- CD-ROM Drive
- QuickTime 6 or higher
- Microsoft Internet Explorer 7 or higher
- Windows Media Player 10 or higher

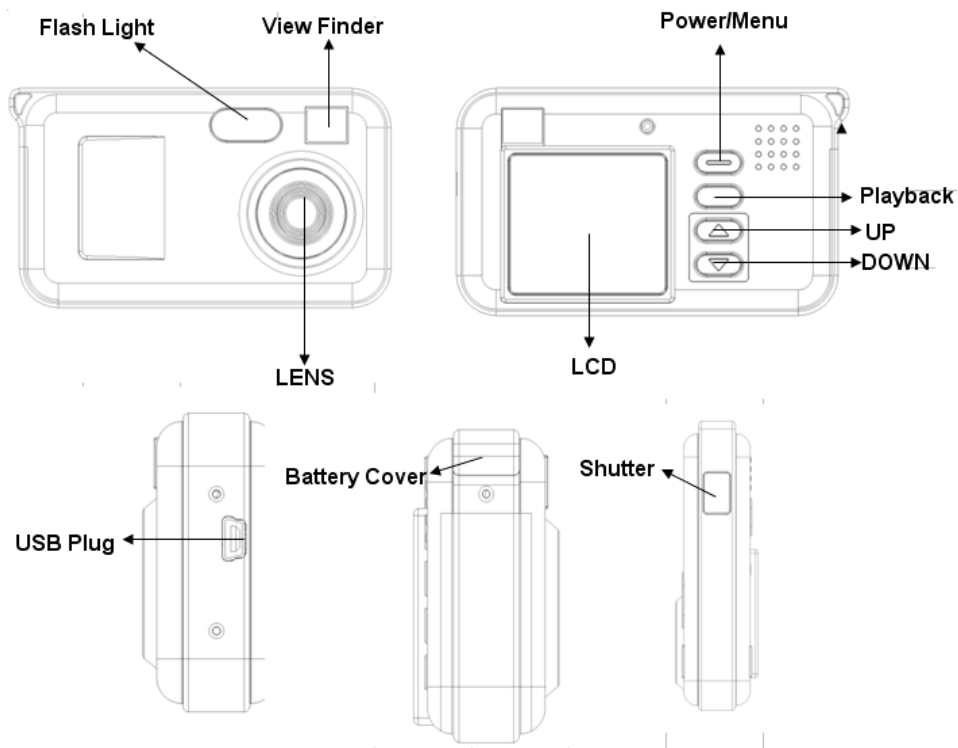## Computer System Requirements for Windows Vista

To be able to download photos and videos to your PC your will need the following minimum configuration:

- Windows Vista
- 800MHz processor and 512 MB of system memory
- 20GB hard drive with at least 15GB of available space
- Support for Super VGA graphics
- Available USB Interface
- CD-ROM drive
- QuickTime 6 or higher
- Microsoft Internet Explorer 7 or higher

3

Computer System Requirements for Macintosh

- Macintosh with Intel processor running Mac OS X v10.4.6 or later
- 256 MB RAM, 100 MB free disk space
- Display: 1024 x 768 or higher-resolution monitor
- QuickTime 6 or higher

A Quick Look at your Digital Camera

Inserting Batteries

Your camera requires three (3) AAA alkaline batteries, which must be inserted as follows:

1. Open the battery compartment on the side of the camera.

2. Insert the batteries in accordance with the polarity (+/-) shown on the inside of

    the compartment.

3. Close the battery compartment.

Battery Capacity Icons

An icon will appear on the top right corner of your LCD screen, showing the amount of battery power available.

- Once the battery indicator falls below 35% it is advisable to download the images to your computer as quickly as possible so as not to lose them.
- Once the batteries run low and the camera turns off, the images will be erased from the camera`s memory.
- Removing the batteries and replacing them with new ones also erases the images from the camera`s memory.

more than 70% power   35%-70% power

5%-35% power   less than 5% power

When the battery is running low, a "low battery" message will appear on the LCD Display and then automatically switch off. In this case you will need to replace the camera's batteries before continuing to take photos.

Warning:

- **Please download any photos you have on the camera before opening the battery compartment**
- **Do not remove the batteries <u>before</u> downloading the photos and videos from the camera. Doing so will erase everything in the camera`s memory.**

Note: We recommend downloading and saving your photos and videos often so as not to lose them if the battery power becomes too low.

Camera Modes

<u>Note:</u> In order to download the photos and videos captured with this camera you need to install the Vivitar Experience Image Manager – TARGET Edition and camera specific driver for this device. See the "Install the Vivitar Experience Image Manager – TARGET Edition Software" section of this manual to learn how to install the software <u>before</u> connecting the camera to your computer.

 Press the **Power/Menu** button to power on the camera.

Once powered on, if you want to make changes to the camera's default settings, please read the instructions of this manual.

By default the Photo mode is ready to take photos on powering on the camera.

To select another mode:

1. Press the Power/Menu button again for the Main Menu screen to appear.
2. Use the Up/Down button to toggle between the menu icons on the screen.
3. Use the Shutter button to toggle and select the different submenu features within each menu.
4. Press the Power/Menu button to save your choice.

The camera modes on the Main Menu are:

- First icon options (top left):

   Photo, *Self-Timer,* *Video and* *Continuous 3 shot*

- Second icon (top middle)*:* *Resolution Settings*

- Third icon (top right)*:* *Compression Settings*

- Fourth icon (bottom left)*:* *Frequency Settings*

- Fifth icon (bottom middle)*:* *Delete*

Taking Photos

1. In the Photo mode the camera icon appears in the top left corner of the Preview Screen.

2. Compose your shot using the viewfinder. (The optimal distance between the camera and the subject is approximately 5 feet.)
3. Hold the camera steady and press the Shutter button to take a photo.
4. After each photo is taken the number of photos left to shoot at the selected resolution is displayed at the bottom left of the Preview Screen.
5. This camera also has a Flash feature. To activate and select the Flash setting that you wish, press the Up button to toggle between the Auto, Force On and Force Off options.
6. The camera will beep when a photo is taken.
   If the camera beeps twice continuously and "Memory is Full" appears on the Preview Screen it means no further photos can be taken until the existing photos are downloaded and cleared from the camera`s memory.

   Note: After a photo is taken the Preview Screen will display for a short time the number of photos that can still be taken.

Self-Timer

1. Press the Menu button once to enter the menu.
2. Press the Shutter button until the icon appears in the top left icon area of Preview Screen display.
3. Press the Menu button again to save the choice and exit the menu.

4. The Self-Timer icon now appears in the top left corner of the Preview Screen.

5. The camera is now ready to take a photo after a 10-second count down.

6. Press the Shutter button to start the countdown. The camera will emit a beep for every second. After 10 seconds the photo will be taken automatically.

Taking Videos

1. Press the Menu button once to enter the menu.

2. Press the Shutter button until the icon appears in the top left icon area of Preview Screen display.

3. Press the Menu button again to save the choice and exit the menu.

4. The Video icon now appears in the top left corner of the Preview Screen.

5. Press the Shutter button to start shooting the video and again to stop the video capture. The video is saved as an AVI file in the camera`s memory.

6. During video capture the recording elapsed time will be appear on the bottom right corner of the Preview Screen.

Taking 3 Continuous Shots

1. Press the Menu button once to enter the menu.

9

2. Press the Shutter button till the icon appears in the top left icon area of Preview Screen.
3. Press the Menu button again to save the choice and exit the menu.
4. The 3 Continuous Shots icon now appears in the top left corner of the Preview Screen.
5. Press the Shutter button. The camera will now automatically take 3 continuous photos one after the other.
    The updated number of photos that can still be taken appear for a short time on the bottom left of the Preview Screen.

    Reminder: Download your images often to your computer. If the battery power runs low, all the images on the camera will be erased from the memory.

Playback Mode

The Playback mode enables you to preview the image files (JPEG/AVI) stored on your camera using the Preview Screen.
1. Press the Playback button (above the Up and Down buttons) to enter the Playback mode.
2. The Preview Screen will open and show the last photo or video file that was taken.

10

3. The sequence number and the total number of files currently stored appear on the bottom left of the Preview Screen.

4. Press the Up and Down buttons to go to the previous or the next file.

5. Press the Playback button again to exit the Playback mode

Video Playback

Video clips (AVI) appear with the icon on the top left corner of the Preview Screen.

- Press the Shutter button to play the video and press it again to pause.
- When playing the video file, the elapsed time will appear on the bottom right corner of the Preview Screen.

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Photo Resolution and Compression

Resolution Selection
There are three (3) photo resolution options to select from:
2.0M (1600×1280) - high resolution
1.3M (1280x1024)
VGA (640x480) - low resolution

1. Press the Menu button once to enter the menu.

2. Press the Up / Down button to select the resolution setting icon.
3. If the icon appears with 3 stars this means the current resolution setting is **2.0M (1600 ×1280)**.
4. If the icon appears with 2 stars this means the current resolution setting is **1.3M (1280x1024)**.
5. Press the Shutter button until the icon with 1 star appears to change the resolution to **VGA (640x480)**.
6. Press the Menu button to save the setting and exit to the Photo mode.

Note: Photos taken will be saved with the selected resolution setting. The setting can be changed as desired and the photos will be stored separately in the camera`s memory.

Compression Selection
There are two photo compressions to select from:

High density

Low density

1. Press the Menu button once to enter the menu.
2. Press the Up / Down button to select the compression setting icon.
3. The icon means the current compression is low density.
4. To change to high density, press the Shutter button until the icon appears on the Preview Screen.
5. Press the Menu button to save the setting and exit to the Photo mode.

Number of photos that can be taken with the Resolution and Compression setting selected:

Resolutions	Compressions	
2.0M	Low density	12 photos
2.0M	High density	24 photos
1.3M	Low density	15 photos
1.3M	High density	30 photos
VGA	Low density	46 photos
VGA	High density	120 photos

Frequency Setting

The camera has 2 Frequency settings:

60Hz

50Hz

Set the camera for the correct frequency according to the current frequency in the area where you are:

1. Press the Menu button once to enter the menu.

2. Press the Up /Down buttons to select the frequency setting icon. If the **60** icon appears this means the current frequency setting is 60Hz.

3. To change to 50Hz, press the Shutter button until the **50** icon appears.

4. Press the Menu button to save the setting and exit to the photo mode.

Delete

Delete All
1. Press the Menu button once to enter the menu.
2. Press the Up / Down buttons to select the Delete All icon 🗑.
3. Press the Shutter button once for the delete confirmation screen to appear.
4. Press the Up / Down buttons to select "Yes" or "No".
5. If 'Yes', press the Shutter button to confirm deletion. This will erase all files stored on the camera.
6. If 'No', the camera will revert to the main menu icons screen.

Delete A Single File

1. Press the Playback button once to enter the Playback mode.
2. Press the Up / Down buttons to select the file to be deleted.
3. Press the Menu button once for the delete selected file confirmation screen to appear.
4. Press the Up / Down buttons to select "Yes" or "No".
5. If 'Yes', press the Shutter button to confirm deletion. This will erase the selected file stored on the camera.
6. If 'No', the camera will revert to the main menu icons screen.

Important: Please use the delete options with caution. The delete process is irreversible and the files will be erased without recovery.

Power Off

Press the Power/Menu button (holding it down for 2 seconds) to switch the camera off.

Energy Save Mode:

To conserve battery power, if the camera is not in use for 60 seconds, it will automatically switch off.

Install the Vivitar Experience Image Manager Software – TARGET Edition

<u>Warning:</u> **Do not plug your camera into the computer until the Vivitar Experience Image Manager – TARGET Edition software installation is complete.**

1. Insert the installation CD into your CD-ROM drive. The Vivitar Experience Image Manager will begin to install.
2. Please review the license terms.
    On PC and Macintosh: Click the "I accept the terms of this license agreement" and then click "Next" to continue.
3. On PC only: Let the "Vivitar Experience Image Manager" installer create the folder to where the program will be installed, and then click "Install".
4. Please wait while the application continues the installation process on your computer.

5. Follow all instructions.
6. On PC: Click the "Close" button when the installation is complete.
   The application automatically opens.
   On Macintosh: Click the "Quit" button when the installation is complete.
7. If you closed the application, click on the Vivitar Experience Image Manager – TARGET
   Edition desktop icon (PC) or from the Programs or Applications menu on your computer to
   open and run the application.

Connect your camera to the computer

1. Use the USB cable that came with your camera to connect your camera to your computer.
2. Your camera will automatically turn on.
3. The first time you connect the device to the computer you will have to wait a few moments
   until the computer recognizes the device.

Get photos and videos from your camera to your computer

Do not disconnect the cable during transfer. Doing so will cancel the transfer of any files on their way to your computer.

1. Select the "Get Images" button from the Main menu.

2. The "Get media from device" window opens.

3. Both photos and videos (if you have captured any) will get downloaded.
4. Select your camera model from the device window. If your camera is the only device connected then it will be selected automatically.
5. Select a location on the computer where to place the new photo and video files.
6. Add the new photo and video files to albums if desired.
7. Select to remove the media files from the selected device after the import.
8. Click the "Get Images" button to transfer the photos and videos from your camera to your computer.
   A media download progress window appears in the middle of the screen showing the number of media files downloading to your computer. A message appears when the download is complete.
9. The photo and video files that you selected are now downloaded to your computer to the selected folder and albums ready for your use.

Get started!

Using the Vivitar Experience Image Manager – TARGET Edition you can:
- Upload and manage photos and videos to and from the most popular photo sharing and social networking sites - Facebook, Flickr, MySpace, Picasa and YouTube.
- Seamlessly transfer photos and videos from one social network to another.
- Organize your images by creating offline and online albums.
- Edit images using automatic and manual tools.
- Order Prints online using the Target Online Photo Partners – Shutterfly, Kodak Gallery and Photobucket
- Use automatic "Geotagging" with built in Google Maps.

For more details on how to use the Vivitar Experience Image Manager – TARGET Edition open the Help file or click the "Take the Tour" button on the application`s Home page.

Using Your Camera as a Webcam

Your camera can also be used as a Webcam with most instant messenger and web conferencing applications that support video, when plugged into your computer.

On PC: The webcam driver is installed on your computer when you install the Vivitar Experience Image Manager – TARGET Edition for this device.

1. Open your web conferencing application to activate the video camera option.
2. The webcam icon will appear on the LCD screen.
3. Place your camera and begin to use.

Note:

- Use the settings option of your web conferencing application to change the settings if needed.
- If you have a built-in camera on your computer, use the settings option of your web conferencing application to choose this 'Dual Mode Camera'.
- The camera does not have a microphone.

On Mac: The webcam driver is installed on your computer when you install the Vivitar Experience Image Manager – TARGET Edition for this device.

To activate the Webcam feature please follow these instructions:

1. Click the "Macintosh HD" icon on the desktop

19

2. Click the "Library" folder

3. Click the "QuickTime" folder

4. Click the "81061_pccam.app" to open the Webcam application for Mac.

5. Once you see the object appearing in the Webcam application window, you can now open the instant messenger and web conferencing application that you use to begin using this camera as a webcam on your computer.

<u>Note:</u>

- Use the Control menu / Video settings option of this web conferencing application to change the settings if needed.

- If you have a built-in camera on your computer, use the settings option of your web conferencing application to choose this 'Dual Mode Camera'.

- The camera does not have a microphone.

After you connect your camera to your computer, the camera will remain on all the while it is plugged into the USB and it won't be switched off. On disconnecting the USB cable the camera will automatically switch off.

Sakar Warranty Card

This warranty covers for the original consumer purchaser only and is not transferable. Products that fail to function properly UNDER NORMAL USAGE, due to defects in material or workmanship. Your product will be repaired at no charge for parts or labor for a period of one year.

What Is Not Covered By Warranty:

Damages or malfunctions not resulting from defects in material or workmanship and damages or malfunctions from other than normal use, including but limited to, repair by unauthorized parties, tampering, modification or accident.

What To Do When Service Is Required:

When returning your defective product (postage pre-paid) for service, your package should include:

1. Copy of **original** bill of sale
2. A detailed written description of the problem.
3. Your return address and telephone number (Daytime)

MAIL TO ADDRESS BELOW:

Sakar International

Attention: Service Department

195 Carter Drive

Edison, NJ 08817

Technical Support

For technical support issues please visit our website at www.vivitar.com. You can find manuals, software and FAQ's at the website. Can't find what you are looking for? E-mail us at support@vivitar.com and one of our technical support team members will answer your questions. For phone support in the US please call 1-800-592-9541, in the UK call 0800 917 4831. If you would like to call from anywhere else, please visit www.vivitar.com for your local toll free number.

Technical Specifications

Image Resolution	2.0M(1600×1280), 1.3M (1280x1024), VGA (640x480)		
File Format	JPEG / AVI		
File Storage	2 MB		
Storage capability	Resolution	Hi	Lo
	(1600×1280)	24	12
	(1280x1024)	30	15
	(640x480)	120	46
Interface	USB 1.1		
Power Supply	3 AAA Battery or USB cable		
Operating Systems	Windows XP, Vista and Mac X 10.4.6 (or higher)		

Frequently Asked Questions

Q: I have taken photos, but my computer says "No photos in camera." What do I do?

First, ensure that you have taken photos with your camera. Press the shutter button a few times to take some sample photos and try again. If you still get a no photos error, this indicates that the software was not installed correctly or your computer may not meet the minimum system requirements (see the Computer System Requirements section of this manual).

Q: How do I make sure I don't lose important pictures?

Your camera uses SDRAM memory, which requires a constant electric current to store your photos. Should your camera lose power (for instance if the battery dies or run out of power) all stored pictures will be lost. We recommend always downloading your photos to your computer as soon as possible to prevent unintentional data loss.

Q: If I have a MAC, will the device work?

Yes. This twain camera also works as a Digital camera and Webcam on Macintosh computers.

Q: If the webcam does not work?

 Make sure you have connected the camera correctly into an available USB port or hub and the webcam application is opened.