

VividPro
Digital Camera

18<sup>MP
Max</sup> / **2.7"**TFT

Digital Camera

Instruction Manual

Model #: CAM17SV



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Introduction

As the new owner of the VividPro™ 18 Megapixel Digital Camera with Auto-Focus Zoom Lens, you have everything you need to take high quality digital photos and videos. Your digital camera can also be used as a removable disk when a SD card up to 32GB is inserted into the camera. Please read this manual carefully in order to get the most out of your VividPro™.

Features and Specifications

- 18 Megapixel Camera with choice of 11 digital camera resolutions - (18M) 4896x3672 pixels, (16M) 4608x3456 pixels, (14M) 4288x3216 pixels, (12M) 4000x3000 pixels, (10M) 3648x2736 pixels, (8M) 3264x2448 pixels, (7M HD) 3648x2056 pixels, (5M) 2592x1944 pixels, (3M) 2048x1536 pixels, (2M HD) 1920x1080 pixels, (VGA) 640x480 pixels.
- Digital Video Resolutions - 1080p (30fps), 720p (30fps), VGA (30fps)
- 2.7 inch TFT-LCD
- 3x Optical Zoom Function
- 5x Digital Zoom Function
- Scene Selections
- Image Size Selections
- Anti-Shake
- Macro
- Continue Shot (Burst)
- Self-Timer
- SD Memory Card Slot – compatible with memory card up to 32GB.
- Built-in Flash

Package Includes

- Digital Camera
- USB Cable
- Instruction Manual
- QRG (Quick Reference Guide)
- Wrist Strap
- Li-ion Rechargeable Battery
- Charger (Via USB port with supplied cable)
- Protective Pouch

Computer System Requirements for Windows XP

To download photos to your PC, you need the following minimum configuration:

- Pentium III Processor or above with Windows XP
- 128MB RAM with 150MB of free disk space
- Available USB Interface
- CD-ROM Drive (Optional)
- 1024 x 768 Recommended screen resolution
- 16-bit Color or higher display adapter

Computer System Requirements for Windows Vista/7

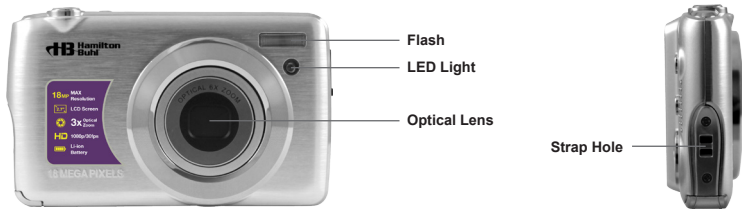
To download photos to your PC, you need the following minimum configuration:

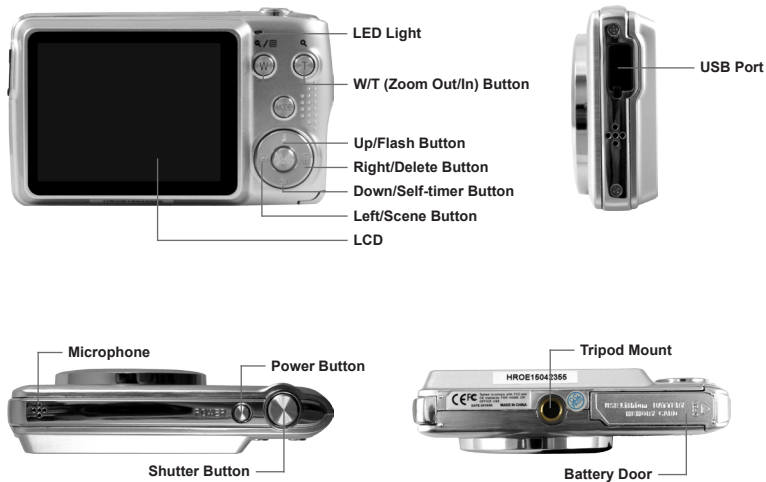
- | | |
|---|---|
| • Windows Vista/7 | • Support for Super VGA Graphics (SVGA) |
| • 800MHz Processor and 512 MB of system memory | • Available USB Interface |
| • 20GB Hard Drive with at least 15GB of available space | • CD-ROM Drive (Optional) |

Computer System Requirements for Mac

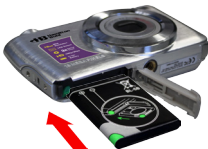
- Power Mac computer G3 500 MHz or higher
- Mac OS X version 10.5.x or later
- 128MB or more available RAM (256MB recommended), 150MB free disk space
- 800 x 600 or higher-resolution monitor displaying millions of colors

Quick Look at Your Camera





Installing Rechargeable Battery



1. Insert the battery correctly with the + and – designations facing up on the top left of the battery as shown in the diagram above. Carefully push the green lever on the left out of the way with the left side of the battery to insert it into camera. Gently push down on battery so it clicks into place.
2. Close the battery door and slide to lock.
3. On powering on your camera, the battery icon will appear at the bottom right of the LCD screen.



Full battery power



Medium battery power



Low battery power

Note:

1. A “Low battery” message will flash on the LCD when the battery power is insufficient. Shortly thereafter your camera will power off.

2. Please remove the battery when you don't intend to use your camera for a long period of time. Slide the green lever over and the battery will pop out.
3. A photo can be taken without a SD card inserted in the camera (not recommended); however, the photo should be downloaded to a PC before the camera loses power or when the battery is removed.

Installing SD Memory Card

An external memory card is required for normal use. Your camera supports any compatible SD memory card (up to 32GB). Inserting a memory card will allow you to increase the capacity of your camera. Your camera is supplied with a Class 4 memory card. This will work for most pictures, however, in order to provide proper playback of 1080P videos you record, you will need to purchase an additional Class 10 card.

1. Locate the Memory Card slot at the base of the camera next to the battery slot.
2. Insert the Memory Card into the slot in the correct direction. (See picture below) Do not force, the card will only go in one way.



3. Push the card in until it clicks into position. The top of the card should be flush with the surface of the battery. An icon “SD” will appear on the LCD screen after you turn on camera.
4. Once the external memory card is inserted into the camera, all the images and videos taken with the camera will be stored on the card.
5. Please make sure the card is not locked. No images can be stored on the card if locked.

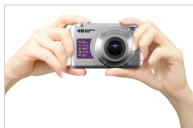
Note:

1. Limited internal memory is provided for a test image. This test image will be deleted when the battery power is depleted or if the battery is removed. Please download the image before turning off power.
2. If there is a photo in the internal memory when you insert the card into your camera, a “Copy to Card” message will appear on the LCD with Yes or No options. Selecting “Yes” will copy the photo to your card.
3. Formatting will delete all data on the SD memory card, including protected data.
4. Don't remove the SD card during formatting as this may damage the card and you may be unable to use it again.
5. When your card is full, download the media on the SD card to your PC and delete the photos and videos from it in order to continue using your camera to capture more high quality photos and videos.

How to Hold the Camera Correctly


Press the shutter button halfway down and hold to activate Auto-Focus. When the green frame appears, the camera is in focus. Hold the camera steady and correctly as shown in the diagram below.

Note: Do not touch or move the lens once open and in use. This would cause damage to the camera.






Starting Your Digital Camera




Power On: Press the power button on the top of the camera to turn the camera on. The LCD will light up and the lens will position outward, indicating the camera is on and ready for use.

Power Off: Press the power button to turn off your camera. When there is insufficient battery power, a red icon  will appear on the LCD screen. Your camera will automatically power off after a few seconds.

Mode Selection: This digital camera has 3 main modes - Camera mode, Video mode and Playback mode.

-  Camera mode is to take still photos and adjust camera menu settings.
-  Video mode allows you to take videos and make adjustment to settings.
-  In playback mode, you can preview photos and videos and delete, rotate, protect, trim and print your photos.

In order to select a mode, please follow the below steps:

1. When the camera is powered on, it will be in the Camera mode (default).
2. Press the MODE button repeatedly to toggle between the 3 modes.
3. The camera mode will have a  icon on the top left corner of the LCD screen. The Video mode will have a  icon and the Playback mode will have a  icon that will appear in the top left corner of the screen.

Camera Mode

Camera Mode is the default when your camera is powered on. The camera has 4 “Shortcut Keys” found on the large menu button on the lower right of the rear of camera. They will be discussed in more detail on a following page.

Taking Photos:

1. Compose your photo using the LCD screen.
 2. Center your object with the white frame that appears on the LCD.
 3. Press and hold the shutter button halfway down to activate the auto focus. Wait for the camera to focus in on the desired object/person. A green frame appears when the object/person is in focus.
 4. Holding the camera steady, press the shutter button all the way down to take the photo. You will hear a shutter sound from the camera.
 5. The picture will automatically be saved.
 6. There will be a short pause while the camera saves a JPEG photo to the memory card. After a photo is taken, (when the camera returns to shooting mode), the number of photos left to shoot at the selected resolution is displayed on the top right of the LCD screen.
- When the camera's memory (photo capacity) is full, the LCD screen will display a message - "Memory Full - Insert a SD Card". You will not be able to save a lot of photos without an SD card.
 - Download the photos to your computer using copy and paste from the SD card to your local drive. Once you have downloaded photos and videos to your PC, you could delete the files from your SD card to create more capacity or insert another SD (Class 10) card to continue taking more photos and videos.

Note: This camera need a SD memory card to operate normally. The limited internal memory allows you to take a few test photos that will automatically be erased when camera powers off.

Optical Zoom

You can magnify your subject up to 3 times optical zoom by pressing T button to zoom in or pressing W button to zoom back out.

Note: When using this function, the camera will automatically adjust the lens. Be careful not to touch the lens while the camera is adjusting.

Digital Zoom

You can magnify your subject even more by using the 5x digital zoom. After reaching the maximum optical zoom level, press and hold the T button to zoom in and press W button to zoom back out.

Note: When using this function, the camera will automatically adjust the lens. Be careful not to touch the lens while the camera is adjusting.

Flash: In low light conditions, it is best to use the built-in flash. You can also use the flash to compensate for backlight conditions. Remember that if the battery is low the Flash option may not be available.



Flash On




Flash Auto









Red Eye Reduction



No Flash

To Set the Flash: The flash can only be used when the camera is not in the Macro mode .

1. Press the Flash/UP button. (Shortcut)
2. The  icon appears on the LCD screen. This will activate the automatic flash.
3. The  icon and the green LED will begin flashing indicating that the flash is charging.
4. Press Flash button again for the  icon to appear. This means the flash function has been turned on (manual flash). If the flash is not ready, a green LED will light up and the  icon will flash repeatedly. Wait until the flash is ready before taking a photo.
5. Press Flash button until the  icon appears, indicating Red-Eye reduction is on.
6. Press Flash button until the  icon appears again. This will turn off the flash function. This is the default flash setting.


Note: A “low battery” warning consisting of 1 bar will appear if there is insufficient battery power to operate the flash and the flash feature will not be available.

Other Shortcut Buttons on the MENU Dial: The camera has the 4 shortcut buttons mentioned earlier on the MENU dial for quick access to the following settings: Scene (Left button), Self-Timer (DOWN button), Delete (Right button), and Flash (UP button). Press the relevant button to activate a shortcut option.

Scene – 12 different scene options appear on the LCD for you to select: Auto, Scenery, Back-light, Night Scenery, Building, Kids, Night Portrait, Food, Text, Snow, Fireworks, and Sunset. Press the left shortcut key and then use the UP or Down buttons to select the Scene option you want. Press Menu again to exit & save. Use Auto for general purpose photos.

Self-timer – Press the Self-Timer shortcut button “Down” & then use the Up and Down buttons to select one of the 4 self-timer options: 2 seconds, 5 seconds, 10 seconds, “Double” or Off. “Double” takes 2 shots in a row.

Delete – Press this button to delete the last image (photos or videos) captured. In addition use the Left button to select other previously stored images to delete, one at a time. Use the Right button to go back in the direction of the last image stored.

1. Press Delete (Right) button .
2. A “This Image” delete confirmation message will appear on the LCD with “Yes” or “No” options.
3. Press the UP or DOWN button to choose “Yes” to delete the photo or “No” to cancel the delete.
4. Press MENU button to confirm. If you select “Yes”, the selected image will be deleted.

Camera Mode: Power on the camera and see the camera icon at the upper left hand corner of the screen. This is a default mode for the camera. The Menu for the Camera Mode includes the following features. Note that “Scene” is not included here but can be found as a shortcut only. Also when you enter the Menu here you will be in the camera settings by default. If you press the Right Menu button you will switch the general settings for the camera such as Beep, Frequency, etc. You will highlight the gear icon for these and the camera icon for the photo settings. None of these settings with the exception of “Self Timer” are included as shortcuts.

Image Size: Image size settings determine the quality and number of photos that can be saved and the amount of memory required for each photo. The higher the photo quality, the more memory used. The image size and quality will also affect the maximum size of your prints.

To Set the Image Size:

1. Press the MENU button to enter into the menu screen. By default you should be in the camera settings.
2. Press the DOWN button once to select the image sizes menu. Press MENU again to enter the choices or sub menu.
3. Press the UP or DOWN buttons to select the image size you want to use. (18M) 4896x3672 pixels, (16M) 4608x3456 pixels, (14M) 4288x3216 pixels, (12M) 4000x3000 pixels, (10M) 3648x2736 pixels, (8M) 3264x2448 pixels, (7M HD) 3648x2056 pixels, (5M) 2592x1944 pixels, (3M) 2048x1536 pixels, (2M HD) 1920x1080 pixels, (VGA) 640x480 pixels.
4. Press the MENU button to confirm, save and then Press Mode to go back to the main screen.
5. The selected image size icon will appear at the top of the LCD screen.

Note: Your camera has two “7M” and “2M” high definition image sizes.

Self-timer: You can take photos with the self-timer. Use a tripod or place the camera on a stable surface for best results. Use the “Double” setting to count down 10 sec and take 2 in a row photos.

1. Press the MENU button to enter into the menu screen.
2. Press the DOWN button twice to select the self-timer menu.
3. Press the UP or DOWN button to select a desired amount of time – 2 seconds, 5 seconds, 10 seconds, “Double” or Off.

4. Press the MENU button to confirm and save. Press MODE to return to the main screen.
5. The Self-timer icon for the option you selected will appear at the top of the LCD screen.
6. The LED will flash according to the corresponding countdown times of your choice.

Burst or Continuous Shot: You can take 5 photos consecutively after you press the shutter button only once with this function.

1. Press the MENU button to enter into the menu screen.
2. Press the DOWN button 3 times to select the Burst menu.
3. Press the UP or DOWN button to select On or Off.
4. Press the MENU button to confirm and save. Press the MODE Button to the main screen.
5. Press the shutter button. It will take 5 photos continuously if the function is on.

Image Quality: The quality of your photos also affects the number of shots you can take. A high setting means you can take fewer photos, but they will be of better quality. The default value is Fine.

1. Press the MENU button to enter into the menu screen.
2. Press the DOWN button repeatedly until you select the Image Quality menu.
3. Press Menu again to enter the selections or sub menu.

4. Use the UP and DOWN buttons to select the image quality level - Super Fine, Fine, Normal.
5. Press the MENU button to confirm & save. Press MODE to return to the main screen.

Date Stamp: This feature allows you to show the Date and Time on the photos or videos you take. Note you must first set the date and time so it will show correctly.

1. Press the MENU button to enter into the menu screen.
2. Press the DOWN button to select "Date Stamp." Press Menu again to enter the sub Menu.
3. Press the UP or DOWN button to select the Date Stamp option. Off, Date or Date & Time.
4. Press Menu again to confirm your selection. Press Mode to exit and return to shooting Mode.
 - On selecting "Date" the date will appear on the photo once it is taken.
 - On selecting "Off" no date will appear on the photo.
 - On selecting "Date & time" the date and time will appear on the photo once it is taken.

White Balance: This setting allows the camera to adjust the color of your photos so they appear more natural. Use "Auto" for general purpose photo taking.

1. Press the MENU button to enter into the menu screen.

2. Press the UP or DOWN button to select the White Balance menu.
3. Press MENU again to select the desired White Balance option from the sub menu.
4. Press the UP or DOWN button to select a desired White Balance setting - Auto, Daylight, Cloudy, Tungsten, Fluorescent H, Fluorescent L.
5. Press the MENU button to confirm. Then press MODE to save and return to the main screen.
6. The LCD screen will be adjusted as per the White Balance option you selected.

ISO: This is a special function that allows you to compensate for the light conditions when the source is not ideal and you also specifically do not wish to use a flash or tripod. When using ISO feature, please consider using a lower value ISO to prevent spots from possibly appearing on your photo. If you need the higher value then use it.

1. Press the MENU button to enter into the menu screen.
2. Press the UP and DOWN button to select the ISO menu. Press Menu again to enter the sub Menu.
3. Press the UP or DOWN button to select a desired ISO value – Auto, 100, 200, 400, 800, 1600.
4. Press the MENU button to confirm. Press MODE to return to the main screen.

Exposure: This setting allows you to deliberately over or under expose a photo.

1. Press the MENU button to enter into the menu screen.

2. Press the UP and DOWN Button to select the Exposure menu. Press MENU again to enter the sub menu.
3. Press the UP or DOWN button to select a desired Exposure value – -2, -1, 0, +1, +2.
4. Press the MENU button to confirm. Press MODE to return to the main screen.
5. The Exposure icon for the option you selected will appear at the bottom of the LCD.

Image Sharpness: This setting allows you to adjust the sharpness of your images, making edges more or less distinct.

1. Press the MENU button to enter into the menu screen.
2. Press the UP and Down Button select the Image Sharpness menu. Press MENU again to enter the sub Menu.
3. Press the UP or DOWN button to select a desired Sharpness setting – Normal, Sharp, Soft.
4. Press the MENU button to confirm. Press MODE to the main screen.

Metering: This feature allows you to determine how the camera measures light in order to take a photo or shoot a video.

1. Press the MENU button to enter into the menu screen.
2. Press the UP or DOWN button to select the Metering menu. Press MENU again to enter the sub menu.

3. Press the UP or DOWN button to select a desired Metering setting – Center, Multi, Spot.
Center - Measures light from the center of the frame. Spot - Measures light where you focus.
Multi - Measures average amount of light.
4. Press the MENU button to confirm, Press MODE to return to the main screen.

Macro: The camera has the function that allows you to capture objects close up (10cm~25cm distances).

1. Press the MENU button to enter into the menu screen.
2. Press the UP or Down buttons select the Macro option. Press MENU again to enter the sub menu.
3. Press the UP or DOWN button to select a desired Macro setting (On or Off):



: Macro On – Close up shooting



: Macro Off - Far shooting

4. Press the MENU button to confirm. Press MODE to the main screen.
5. The Macro icon for the option you selected will appear at the top of the LCD screen.

Note: By default the camera is in a far distance shooting mode. (Normal mode)

Setup: There are 7 sub-menu options under the Setup menu and they are Beep, Frequency, Auto Power Off, Date/Time (Not Date Stamp), Language, Format Memory Card and Default Setting. To get to the Set Up Menu Choose the “Gear Icon” to the right of the camera icon and then press Menu.

Beep Sound (Under the Setup Menu): You can set the beep sound function to be On or Off.

1. Press the MENU button to enter into the menu screen. Press the Right button to select the Setup Gear Icon. Press MENU again to enter the sub menu.
2. Press the DOWN button or Menu to select the Beep option.
3. Press the UP or DOWN button to select a desired Beep setting – On or Off.
4. Press the MENU button to confirm. Then, press MODE to return to the photo shooting Mode.

Frequency: Select proper "frequency" to match your local commercial power. Generally, 60Hz is for the U.S. and 50Hz for Europe and Japan. The default setting is 60Hz.

1. Press the MENU button to enter into the menu screen.
2. Press the RIGHT button to select the Setup menu. (Gear Icon)
3. Press the DOWN button to select the Frequency option. Then Press MENU again to enter the sub menu.
4. Press the UP or DOWN button to select a proper Frequency setting – 50Hz or 60Hz.
5. Press the MENU button to confirm. Press MODE to exit and return to photo shooting.

Auto Power Off (Under the Setup Menu): By default, if your camera is idle for 60 seconds it will automatically be turned off. Use the Auto Power Off option to change the Auto Power Off time.

1. Press the MENU button to enter into the menu screen.

2. Press RIGHT button to select the Setup menu. (Gear Icon)
3. Press the UP or DOWN button to select the Auto Power Off option. Then press MENU again to enter the setup menu.
4. Press the UP or DOWN button to select a desired Auto Power Off setting – Off, 1 min, 3 min, or 5 min.
5. Press the MENU button to confirm. Then, press MODE to exit and return to photo shooting.

Date/Time: This feature allows you to set the correct Date and Time to be used in conjunction with the Date Stamp option. You must first set the date and time so it can be shown correctly.

1. Press the MENU button to enter into the menu screen. Then Press the RIGHT Button to select the Setup Menu. (Gear Icon)
2. Press the DOWN button to select “Date/Time.” Press Menu again to enter the sub Menu.
3. Using the Right and Left and UP and DOWN buttons you can set the correct date and time.
4. Press MENU again to confirm each selection. Press MODE to exit and return to shooting Mode.

Language (Under the Setup Menu): The camera supports 9 different languages. The default setting is English

1. Press the MENU button to enter into the menu screen.
2. Press the RIGHT button to select the Setup menu.

3. Press the UP or DOWN button to select the Language option.
4. Press the UP or DOWN button to select a desired language.
5. Press the MENU button to confirm. Press Mode to return to photo shooting.

Format (Under the Setup Menu): This function will format the memory card and will erase all files in the memory card including files that have been protected.

Important: Please use this function with caution. Once formatted, all images stored in the memory card will be permanently erased. This process is irreversible. Please download all images to the PC before formatting the memory card.


1. Press the MENU button to enter into the menu screen.
2. Press the RIGHT button to select the Setup menu. (Gear Icon)
3. Press the UP or DOWN button to select the Format option.
4. Press the UP or DOWN button to select “Yes” or “No” to format.
5. Press the MENU button to confirm formatting. Once completed, the camera will revert back to the standby mode.


Factory Default Setting (Under the Setup Menu): You can restore your camera to the original factory settings

1. Press the MENU button to enter into the menu screen.
2. Press the RIGHT button to select the Setup menu. (Gear Icon)
3. Press the UP or DOWN button to select the Default Setting option. Press MENU again to enter the sub menu.
4. Press the UP or DOWN button to select “Yes” or “No”.
5. Press the MENU button to confirm, save and return to the main screen.

Video Mode

Press MODE button to select the Video mode. (Movie Camera icon)

Note: You must insert a SD memory card for shooting videos. When the  icon appears at the top left corner of the LCD screen, this indicates that you are in the Video shooting mode.

1. Prepare the object or subject you wish to record.
2. Press Shutter button to begin shooting the video.
3. The elapse time will appear at the top right of the LCD screen and the icon  will flash on the LCD screen.

4. Press Shutter button again to stop the recording and save this file in AVI format.

Note:

1. You can preview the AVI files in Playback mode or once downloaded to your computer, you can preview by using Quick Time and Windows Media Player.
2. The camera has built-in microphone so voices will be recorded while you are recording videos. In the Video Mode, there are 2 setup options or adjustments in the Video Shooting Mode.
 - White Balance and Image Size.

Size: Your camera supports 3 video resolutions – 1080p (30fps), 720p (30fps), VGA (30fps).

1. Press the MENU button to enter into the menu screen.
2. Press the UP or DOWN button to select the Image Size option. Press MENU again to enter the sub menu.
3. Press the UP or DOWN buttons to select the size you want to use - 1080p, 720p or VGA.
4. Press the MENU button to confirm. Press MODE to return to the main screen.
5. The selected image size icon will appear at the top of the LCD screen.

White Balance: This setting will adjust the color of your video so they can appear more natural.

1. Press the MENU button to enter into the menu screen.

2. Press the UP or DOWN button to select the White Balance menu. Press MENU again to enter the sub menu.
3. Press the UP or DOWN button to select a desired White Balance option. Auto, Daylight, Cloudy, Tungsten, Fluorescent H, Fluorescent L.
4. Press the MENU button to confirm. Press MODE to return to the main screen.
5. The LCD screen will be adjusted as per the White Balance option you selected.

Playback Mode

Press the MODE button to enter the Playback mode. When the ► icon appear at the top left corner of the LCD screen, you are in Playback mode. Here you can preview photos and videos you have captured and recorded. In Playback mode, you can rotate, protect and delete your photos and protect and delete video clips.

Note: The message “No File Exist” will appear on the LCD screen if there are no photos or videos in your camera. Press the MODE button to return to the camera or video mode and begin taking photos or videos.

Full Screen to Thumbnail Display: When the cameras is in the playback mode, use the W & T buttons to navigate in and out of the thumbnail files that have already been saved on the camera. Zoom in and Out of the Photo

1. The > icon will display on the top left corner of the LCD screen.
2. Select a JPEG from photos saved in memory.

3. Press T button up to 8 times to zoom into the photo on display.
4. Once you are zoomed into the display, use the UP and Down and Left and Right buttons to navigate around the view.
5. Press the W button to zoom back out. Press & hold W & then press W again to go back to thumbnail view.

Operation Functions for Still Photos: Select the still photo you want by either selecting it in the thumbnail view first before viewing to full screen or view the images one by one at full size in your camera by pressing the RIGHT and LEFT buttons to toggle through the playback display. Select the photo you wish to protect, delete, rotate or trim.

Protect: You can protect your photos/videos from accidental deletion by selecting the "Protect" feature.

1. First select the photo you want to protect then press the MENU button.
2. Press the UP and DOWN buttons if needed to select the "Protect" option. Most likely you will be in "Protect" by default. Press MENU again to enter the sub menu.
3. Using the UP and DOWN buttons select one of the following "Protect" options that appear in the menu choices. (Single, Lock All Images or Unlock All Images.) If you select "Protect" a Lock icon will appear on the left hand side of the LCD display. Push Mode to exit the menu and return to photo display.

Note: To "Unprotect" the current file, follow the steps 1 through 4. Select "Unprotect" and press the MENU button to unlock the current file. Then Press Mode to exit.

Delete: To delete unwanted photos and videos at any time in order to free up memory space. You can delete one image or video clip at a time or delete all except the protected photos and videos that are currently stored and saved on the memory card. From the display mode:

1. Press the MENU button.
2. Press the UP or DOWN button to select the Delete option.
3. Press the MENU button again to enter into the sub menu.
4. Press the UP or DOWN button to select "Single" Delete or "All".
5. Press the MENU button to confirm.
6. A "Delete" confirmation message will appear.
7. Press the UP or DOWN button to select "Yes" or "No".
8. Press the MENU button to confirm and delete the image(s). Press MODE to exit not Menu

Caution: You cannot delete files that are protected.

Warning! If you choose the "All" option, all the unprotected photo images on your SD card will be deleted. This process is irreversible and all your images will be permanently deleted unless you have saved them or downloaded them to your computer.

Rotate: The rotate feature will only work for images on the SD card. From the Display Mode.

1. Select the Image you want to rotate then press the Menu button (M).
2. Press the UP and DOWN button select the “Rotate” option. Press MENU again to enter the sub menu.
3. Using the UP and DOWN buttons select rotate and press the MENU button once to rotate the photo 90°.
4. Using the Up and Down buttons again you can select, rotate again by 90%, , save or go back. If you select save then you will exit back to display.


Note:

1. You cannot rotate a protected file. On attempting to rotate the protected file, a “This File is Write-Protected” message will appear on the screen.
2. “No Card Inserted” will appear on the screen, if no SD card is inserted. Please insert a SD memory card to use this function.

Trim: From the display mode, zoom into a JPEG photo and then using the UP or Down and Right or Left keys, select the section of the photo you want to crop or trim. Press MENU again to see “Trim this Photo?” Select Yes or No and the section you selected will be saved to the memory card as a new photo.

Video Playback:

1. In Playback mode, press the LEFT or RIGHT and UP or DOWN buttons to select an AVI video file you wish to play.

2. Alternatively, press W button to enter the thumbnail mode and select a video. Videos have a movie camera icon  on the thumbnail. Press MENU for the selected video to appear in full screen.
3. Press the shutter button (Or Menu) to select the current AVI file. Press the Up Button to play the file.
4. Press the UP button again to pause and press it again to continue playing. Reminder: Suggest you install a Class 10 card.
5. Press the DOWN button to stop playing and rewind to beginning.

Downloading Photos and Video Files to Your PC

Connect your camera to a computer via USB cable (included) then turn on your camera ("MSDC" icon will show on the LCD screen.) The PC will recognize the camera as a Removable Disk, then you will be able to open the removable disk. Once it is connected, you can drag/drop or copy/paste the photos and video files from the camera to your local hard drive.

Appendix A: Technical Specifications

Image Sensor	CMOS Sensor
Image Resolution	(18M) 4896X3672 pixels, (16M) 4608X3456 pixels, (14M) 4288X3216 pixels, (12M) 4000X3000 pixels, (10M) 3648X2736 pixels, (8M) 3264x2448 pixels, (7M HD) 3648x2056 pixels, (5M) 2592x1944 pixels, (3M) 2048x1536 pixels, (2M HD) 1920x1080 pixels, (VGA) 640x480 pixels.
Video Resolution	1080P (30fps), 720P (30fps), VGA (30fps)
File Format	JPEG (Still Image) / AVI (Video)
External Memory	SD Card (Up to 32 GB)
LCD Display	2.7 inch TFT
Lens	Optical Zoom Lens
Zoom	3x Optical Zoom; 5x Digital Zoom
Exposure	-2.0EV ~ 2.0 EV
White Balance	Automatic, daylight, cloudy, tungsten, fluorescent H, fluorescent L
ISO	Auto/100/200/400/800/1600
Scene	Auto / Scenery / Backlight / Night Scenery / Building / Kids / Night Portrait / Food / Text / Snow / Fireworks / Sunset

Flash	Yes, IGBT (Auto/Force/Off/Red eye reduce)
Self-timer	2 sec / 5 sec / 10 sec delay / double
Interface	USB 2.0
System Requirements	Windows XP/Vista/7/MAC
Working Temperature	0~40°C

Appendix B: Troubleshooting

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

A: First ensure that you have, in fact, taken photos. Press the Shutter button a few times to take some sample photos and then try downloading them again. If you still get a “no photos” error, this may mean that your computer may not meet the minimum system requirements: At least a Pentium III 300Mhz, AMD Athlon 300Mhz or a Celeron 400MHz or higher as well as at least 128 MB RAM. Please note: Older AMD K6 processors will not work. More information about determining your computer’s specifications can be found in the General Computer Information section.

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

A: In order to use your camera properly, you will need to insert a SD card of up to 32GB. All your images may be stored on this card. It is recommended to download the images from the card as often as possible, so as to free up space on the card. This also is a backup if your card gets lost or damaged. The test photos are saved in limited SDRAM, 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) the test 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?

A: The device will work as a removable drive on Mac OS X (10.5.x or higher). And images can be accessed manually.



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Warranty:

Warranty begins the date item ships from our warehouse. All products have a one year warranty from original date of shipment, unless otherwise noted.

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