

VividPro™

Digital Camera

Instruction Manual

Model #: CAM17SV2

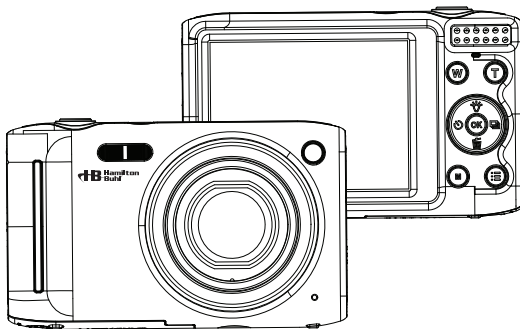


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INTRODUCTION

As the new owner of the VividPro™ 58 MP Digital Camera with Auto-Focus Digital Zoom Lens, you have everything you need to take high quality digital photos and videos. Please read and retain this manual for future use.

FEATURES

- Front Camera: 13MP with Auto-Focus Lens
- Video Resolution: 4K, 2.7K, 1080P, 720P
- Includes options for these digital resolution settings:
58MP, 48MP, 30MP, 24MP, 20MP, 16MP, 13MP, 12MP, 10MP, 8MP, 5MP
- 2.88" IPS high-definition display screen
- 16x Digital Zoom
- Built-In Flash
- Scene Selections
- Anti-Shake
- Self-Timer

PACKAGE CONTENTS

- Digital Camera
- TF Card
- USB-C Data Cable
- Li-ion Rechargeable Batteries
- Wrist Strap
- Protective Cloth Pouch
- Instruction Manual
- Quick Reference Guide (QRG)

COMPUTER SYSTEM REQUIREMENTS

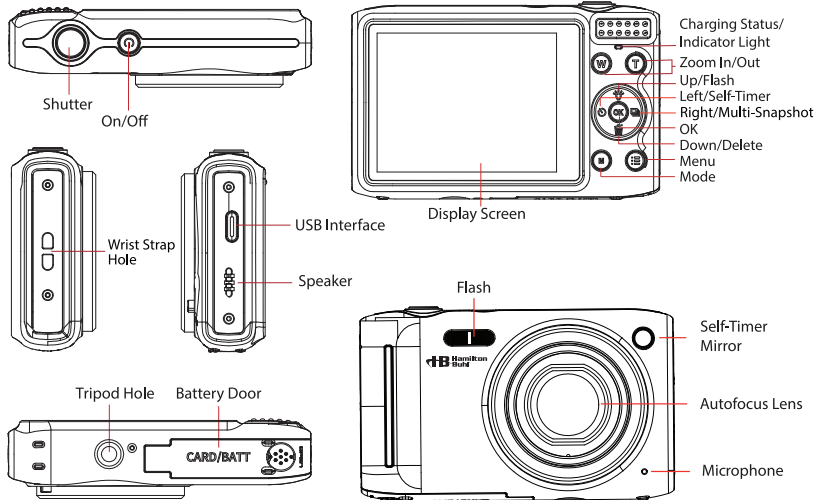
Windows:

- Intel Pentium processor 2.0GHz or higher
- Supports Windows 2000 or later
- Supports both MTFC and PCCAM functions 2GB memory
- More than 40GB disk space
- USB-C interface
- Display card cache memory 1GB or higher
- Screen resolution of 1024x768 pxel or higher

Mac:

- Mac OS 10.4.11 or later
- Supports only MTFC function (does not support PCCAM function)
- 256MB RAM or above
- 150MB free disk space

CAMERA DIAGRAM



A QUICK LOOK AT YOUR CAMERA

Photo Mode

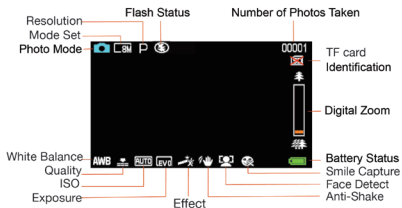
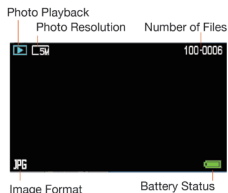
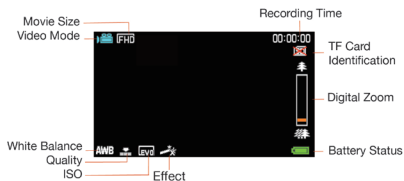


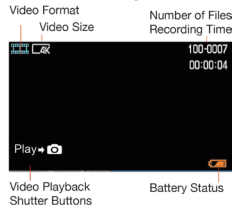
Photo Playback



Video Mode



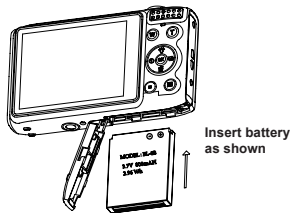
Video Playback



INSTALLING THE RECHARGEABLE BATTERY

1. Slide open the battery door at the bottom of the camera.
2. Insert the battery correctly with the correct polarity.
3. Close the battery door.

Note: It is advised to remove the battery if the camera will not be used for a long period of time.



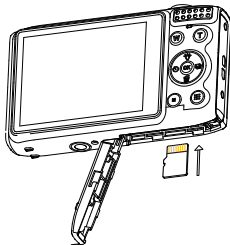
CHARGING THE BATTERY

Use a USB-C data cable to connect the camera to a computer for charging. When on, the LED light indicates that the camera is charging. After charging is completed, the LED light will automatically turn off.

INSERTING THE TF MEMORY CARD

An external memory card is required for normal use. Your camera supports any compatible TF memory card (up to 128GB, with a speed requirement of CLASS10).

1. Locate the Memory Card slot at the base of the camera next to the battery compartment.
2. Insert the Memory Card into the slot in the correct direction (see picture below). Do not force it; the card will only go in the correct direction.
3. Push the card in until you feel it “click” into position. The top of the card should be flush with the surface of the camera. An “SD” icon will appear on the LCD screen after you turn on your camera.
4. Once the external memory card is inserted into the camera, all the images taken with the camera will be stored on the card.



Please Note:

1. Formatting will delete all data on the TF memory card including protected data.
2. Don't remove the TF card during formatting as this may damage the card.
3. When your card is full, download the photos/videos from the TF card to your computer. Then, you can delete the photos/videos on the TF card to free up space.

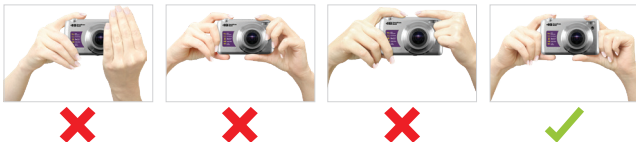
TAKING PHOTOS

1. Compose your photo using the LCD screen.
2. 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.
3. 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. The picture will automatically be saved.
4. 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 Camera Mode), the number of photos left to shoot at the selected resolution is displayed on the top right of the LCD screen.
5. When the TF card memory (photo capacity) is full, the LCD screen will display a message: "Memory Full - Insert an TF Card". Photos cannot be saved without an TF card.
6. Download the photos to your computer using copy and paste from the TF card to your local drive. Once you have downloaded photos and videos to your computer, you can delete the files from your TF card to create more capacity, or insert another TF card (Class 10 or higher) to continue taking more photos and videos.

HOLDING THE CAMERA CORRECTLY

Hold the camera steady and correctly as shown in the diagram below.

Note: Do not touch or cover the lens and/or flash light while in use.



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 there will be a “beep” sound.

Power Off: Press the power button again 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 settings.
-  **Video Mode** is to take videos and adjust video settings.
-  **Playback Mode** is to preview photos/videos and adjust photo/video files.

To select a mode:

1. When the camera is powered on, it will be in the Camera Mode (default).
2. Press the Mode button repeatedly to select one of 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.

DIGITAL ZOOM

You can magnify your subject/object even more by using the 16x **Digital Zoom**. Press and hold the T button to zoom in and press W button to zoom out.

DISPLAYING ICONS

Turning Display Icons On/Off (Mode Button):

- When you press and hold the Mode button, it will turn the icons on or off on the display.
- When the icons are turned off and you go into the Menu, the Menu will appear. When you exit the Menu, the icons will display again.
- When you turn the camera power back on, the icons will appear as the default.

SHORTCUT BUTTONS

The camera has the 4 **Shortcut** buttons on the Menu dial for quick access to the following settings: Flash (Up button), Delete (Down button), Self-Timer (Left button), and Multi-Snapshot (Right button). Press the relevant button to activate these shortcuts.

Shortcut to Flash (Up Button)

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. A “Low Battery” warning with one bar will appear if there is insufficient battery power to operate the flash.

1. Press the Up/Flash button repeatedly.
2. The Auto Flash (⚡A) icon will appear on the screen. This will activate the flash, as needed.
3. After each use, an LED will begin blinking indicating that the flash is charging.
4. Press the Up/Flash button again for the Manual Flash (⚡) icon to appear. This means the flash will always be on. If the flash is not ready, an LED and an icon will blink. Wait until the flash is charged before taking a photo.
5. Press the Up/Flash button until the (⊗) icon appears again. This means the flash is off. This is the default flash setting.

Shortcut to Delete (Down Button)

The **Delete** button can be used to delete single photos or videos.

1. Press the Down/Delete button.
2. A Delete confirmation message will appear on the screen with Yes or No options.
3. Press the Up/Down button to choose Yes (to delete) or No (to cancel).
4. Press the OK button to confirm. If you select Yes, the selected image will be deleted.

Shortcut to Self-Timer (Left Button)

There are four different **Self-Timer** options to choose from. The self-timer allows you to position everyone before the photo is taken.

1. Press the Left/Self-Timer button.
2. Keep pressing to select from four desired self-timer options: Off, 2 seconds, 5 seconds, 10 seconds.

Shortcut to Multi-Snapshot or Multi-Snapshot/Self-Timer Mode (Right Button)

The Right button can be used to take continuous photos, or to take continuous photos with the Self-Timer.

1. Press the Right/Multi-Snapshot button to select desired function.
2. Keep pressing to select Multi-Snapshot or Multi-Snapshot/Self-Timer.

CAMERA MODE

Press the Mode button to select **Camera Mode**. You must insert an TF memory card to shoot photos.

When the  icon appears on the top left corner of the LCD screen, it indicates that you are in **Camera Mode**.

1. Prepare the object or subject you wish to shoot.
2. Press the Shutter button to take a photo.
3. The number of available photos remaining will appear on the top right of the LCD screen.

The available Camera Mode menus are: Mode Set, Resolution, Beauty Face, Shooting, Self-Timer, Exposure, White Balance, Quality, Sharpness, Saturation, Effect, ISO, Anti-Shake, Face Detect, Smile Capture, and Set-Up.

1. Mode Set (Scene Selection)

This camera allows you to choose an ideal environment for your photo.

1. Press the Menu button.
2. Press the Left/Right button to select the **Mode Set** option.
3. Press Up/Down to select from the different scene options: Auto, Night, Portrait, Landscape, Backlight, Sport, Party, Beach, High Sensitivity.
4. Press the OK button and the selected icon will appear on the screen.

2. Resolution

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 is used. The image size and quality will also affect the maximum size of your prints.

1. Press the Menu button.
2. Press the Left/Right button to select the **Resolution** option.
3. Press Up/Down to select Resolution:
(58M) 8784x6588 pixels, (48M) 8000x6000 pixels, (30M) 6400x4800 pixels, (24M) 5600x4200 pixel,
(20M) 5200x3900 pixel, (16M) 4608x3456 pixels, (13M) 4192x3112 pixels, (12M) 4000x3000 pixels.
(10M) 3648x2736 pixels, (8M) 3264x2448 pixels, (5M) 2592x1944 pixels.
4. Press the OK button and the selected icon will appear on the screen.

3. Beauty Face

The **Beauty Face** setting allows you to take the best portrait shots.

1. Press the Menu button.
2. Press the Left/Right button to select the **Beauty Face** option.
3. Press the Up/Down button to select On/Off.
4. Press the OK button and the selected icon will appear on the screen.

4. Shooting

The **Shooting** setting allows you to take 3 photos continuously, even if pressing the Shutter button only once.

1. Press the Menu button.
2. Press the Left/Right keys to select the **Shooting** option.
3. Press the Up/Down keys to select single/continuous.
4. Press the OK button and the selected icon will appear on the screen.

5. Self-Timer

The **Self-Timer** setting will delay the time the camera takes to shoot the photo:

1. Press the Menu button.
2. Press the Left/Right button to select the **Self-Timer** option.
3. Press the Up/Down button to select: Off, 2 seconds, 5 seconds, 10 seconds.
4. Press the OK button and the selected icon will appear on the screen.

6. Exposure

The **Exposure** setting allows you to adjust the brightness of images.

1. Press the Menu button.
2. Press the Left/Right button to select the **Exposure** option.
3. Press the Up/Down button to select an exposure value (between +3 to -3).
4. Press the OK button and the selected icon will appear on the screen.

7. White Balance

The **White Balance** setting allows the camera to adjust the color of your photos according to the color of the light source.

1. Press the Menu button.
2. Press the Left/Right button to select the **White Balance** option.
3. Press the Up/Down button to select: Auto, Daylight, Cloudy, Fluorescent and Tungsten.
4. Press the OK button and the selected icon will appear on the screen.

8. Quality

The **Quality** setting allows you to choose the quality of your photos. This will affect the number of photos you can take. Super Fine quality results in taking fewer photos, but the photos will be at better quality.

1. Press the Menu button.
2. Press the Left/Right button to select the **Quality** option.
3. Press the Up/Down button to select: Super Fine, Fine, Normal.
4. Press the OK button and the selected icon will appear on the screen.

9. Sharpness

The **Sharpness** setting allows you to adjust the sharpness of your images.

1. Press the Menu button.
2. Press the Left/Right button to select the **Sharpness** option.
3. Press the Up/Down button to select: Sharp, Normal, Soft.
4. Press the OK button and the selected icon will appear on the screen.

10. Saturation

The **Saturation** setting allows you to flood with more “ink” colors higher or lower.

1. Press the Menu button.
2. Press the Left/Right button to select the **Saturation** option.
3. Press the Up/Down button to select: High, Normal, Low.
4. Press the OK button and the selected icon will appear on the screen.

11. Effect

The **Effect** setting allows you to take photos with special effects.

1. Press the Menu button.
2. Press the Left/Right button to select the **Effect** option.
3. Press the Up/Down button to select: Normal, B&W, Sepia, Red, Green, Blue, Sunset, Warm, Cool, Over-Exposure, Infrared (IR), Binary, Vivid, Undertone, Dog Eye, Aibao, Gothic, Japan Style, LOMO, Negative.
4. Press the OK button and the selected icon will appear on the screen.

12. ISO

The **ISO** setting allows you to enhance the light conditions if no flash or tripod are being used. But remember, flash and tripod are better choices than ISO. When you want to adjust the **ISO** sensitivity, set a low value ISO to prevent hot or light spots (facula) on the photos.

1. Press the Menu button.
2. Press the Left/Right button to select the **ISO** option.
3. Press the Up/Down button to select: Auto, 100, 200, 400.
4. Press the OK button and the selected icon will appear on the screen.

13. Anti-Shake

The **Anti-Shake** setting helps prevent blurry photos resulted from shaking during shooting. You don't need a tripod for stabilization.

1. Press the Menu button.
2. Press the Left/Right button to select the **Anti-Shake** option.
3. Press the Up/Down button to select: On/Off.
4. Press the OK button and the selected icon will appear on the screen.

14. Face Detect

The **Face Detect** setting helps you take great portrait shots.

1. Press the Menu button.
2. Press the Left/Right button to select the **Face Detect** option.
3. Press the Up/Down button to select: On/Off.
4. Press the OK button and the selected icon will appear on the screen.

15. Smile Capture

The **Smile Capture** setting will detect a large smile and automatically take a photo.

1. Press the Menu button.
2. Press the Left/Right button to select the **Smile Capture** option.
3. Press the Up/Down button to select: On/Off.
4. Press the OK button and the selected icon will appear on the screen.

16. Set-Up Options

The camera mode has 8 **Set-Up** Options.

1. Press the Menu button.
2. Press the Left/Right button to select the **Set-Up** option.
3. Press the Up/Down button to select: Language, Set Date, Date Stamp, Power Save, Beep, Frequency, Format and Default.
4. Press the OK button and the selected icon will appear on the screen.

a. Language

There are multiple **Languages** to choose from (the default is English).

1. Press the Up/Down button to select **Language** in the Setup menu.
2. Press the Up/Down button to select the language desired: English, Deutsch (German), French, Spanish, Italian, Turkish, Русский (Russian), Portuguese (Brazil), Netherlands (Dutch), Hebrew, Simplified Chinese, Traditional Chinese, Japanese and Indonesian.
3. Press the OK button to confirm and return to Camera Mode.

b. Set Date

This allows you to set up the **Date and Time** format displayed on the photos.

1. Press the Up/Down button to select **Set Date** options in the Setup menu.
2. Press the Left/Right button to highlight and select the format for the Year, Month, Day, Hour, Minute, Second, Date Format (to select the date format you desire).
3. Press the Up/Down button to change the value of highlighted selections.
4. Press the OK button to confirm and return to Camera Mode.

c. Date Stamp

This function turns the **Date Stamp** On or Off that appears on photos.

1. Press the Up/Down button to select the **Date Stamp** option under the Set-up menu.
2. Press the Up/Down keys to select the corresponding options: Off, Date, or Date & Time.
3. Press the OK button to confirm and return to the Camera Mode. Select "Date" or "Date & Time", and the photo taken will display the Date or the Date & Time.

d. Power Save

The camera will automatically **Power Save** (turn off) if idle for 3 minutes (default setting).
To change the length of time of power off:

1. Press the Up/Down button to select **Power Save** in the Set-up menu.
2. Press the Up/Down button to select: Off, 1 Minute, 3 Minutes, 5 Minutes, 10 Minutes.
3. Press the Menu button to confirm and return to Camera Mode.

Note: If "Off" is selected, the camera will not power off until the battery power is used up or is turned off manually.

e. Beep (Key Sound)

This function sets a **Beep** tone during camera operation.

1. Press the Up/Down button to select the **Beep** sound option in the set-up menu.
2. Press the Up/Down button to select the Beep sound to On/Off.
3. Press the OK button to confirm and return to Camera Mode.

f. Frequency

For U.S. customers, use 60Hz.

1. Press the Up/Down button to select **Frequency** in the Set-up menu.
2. Press the Up/Down button to select 60Hz/50Hz.
3. Press the OK button to confirm and return to Camera Mode.

g. Format

Please operate with caution. Once using **Format**, all the files on the memory card will be irreversibly deleted, including protected files. Please transfer images and videos or any other important files to your computer before formatting.

1. Press the Up/Down button to select **Format** in the Set-up menu.
2. Press the Up/Down button to select Yes or No.
3. Press the OK button to confirm and return to Camera Mode.

h. Default (Factory Setting)

With this option, you can restore the camera to factory settings.

1. Press the Up/Down button to select the **Default** option in the Set-up menu.
2. Press the Up/Down button to select Yes or No.
3. If you select "Yes", it will prompt you to re-confirm your selection: Yes or No.
 - a. If you select Yes, the factory settings will be applied and will return to Camera Mode.
 - b. If you select No, it will not apply the factory settings, and will return to Camera Mode.

Exiting the Menu Options

To cancel the **Menu Options** and return to Camera Mode, press the Menu button.

VIDEO MODE

Press the Mode button to select **Video Mode**. You must insert an TF memory card to shoot videos.

When the  icon appears on the top left corner of the LCD screen, it indicates that you are in **Video Mode**.

1. Prepare the object or subject you wish to record.
2. Press the Shutter button to begin shooting the video.
3. The elapsed time will appear on the top right of the LCD screen. The indicator light will keep flashing.
4. Press the Shutter button again to stop the recording and save this file in AVI format.

Video Mode menus are: Movie Size, Beauty Face, Exposure, White Balance, Sharpness, Effect, ISO, and Set-Up.

1. Movie Size

The **Movie Size** setting determines the quality and length of videos that can be saved and the amount of memory required for each. The higher the video quality, the more memory is used.

1. Press the Menu button.
2. Press the Left/Right button to select the **Movie Size** option.
3. Press the Up/Down button to select the desired resolution: 4K (3840x2160) @10 FPS, 2.7K (2688x1520) @20 FPS, FHD (1920x1080) @30 FPS, HD (1280x720) @30 FPS.
4. Press the OK button and the selected icon will appear on the screen.

2. Beauty Face

The **Beauty Face** setting allows you to record the best portrait video.

1. Press the Menu button.
2. Press the Left/Right button to select the **Beauty Face** option.
3. Press the Up/Down button to select On/Off.
4. Press the OK button and the selected icon will appear on the screen.

3. Exposure

The **Exposure** setting allows you to adjust the brightness of the video.

1. Press the Menu button.
2. Press the Left/Right button to select the **Exposure** option.
3. Press the Up/Down button to select an exposure value (between +3 to -3).
4. Press the OK button and the selected icon will appear on the screen.

4. White Balance

The **White Balance** setting allows the camera to adjust the color of your video according to the color of the light source.

1. Press the Menu button.
2. Press the Left/Right button to select the **White Balance** option.
3. Press the Up/Down button to select: Auto, Daylight, Cloudy, Fluorescent and Tungsten.
4. Press the OK button and the selected icon will appear on the screen.

5. Sharpness

The **Sharpness** setting allows you to adjust the sharpness of your video.

1. Press the Menu button.
2. Press the Left/Right button to select the **Sharpness** option.
3. Press the Up/Down button to select: Sharp, Normal, Soft.
4. Press the OK button and the selected icon will appear on the screen.

6. Effect

The **Effect** setting allows you to take video with special effects.

1. Press the Menu button.
2. Press the Left/Right button to select the **Effect** option.

3. Press the Up/Down button to select: Normal, B&W, Sepia, Red, Green, Blue, Sunset, Warm, Cool, Over-Exposure, Infrared (IR), Binary, Vivid, Undertone, Dog Eye, Aibao, Gothic, Japan Style, LOMO, Negative.
4. Press the OK button and the selected icon will appear on the screen.

7. ISO

The **ISO** setting allows you to enhance the light conditions if no flash or tripod are being used. But remember, flash and tripod are better choices than ISO. When you want to adjust the ISO sensitivity, set a low value ISO to prevent hot or light spots on the video.

1. Press the Menu button.
2. Press the Left/Right button to select the **ISO** option.
3. Press the Up/Down button to select: Auto, 100, 200, 400.
4. Press the OK button and the selected icon will appear on the screen.

8. Set-Up Options

The video mode has 8 **Set-Up** options.

1. Press the Menu button.
2. Press the Left/Right button to select the **Set-Up** option.
3. Press the Up/Down button to select: Language, Set Date, Date Stamp, Power Save, Beep, Frequency, Format, Default.
4. Press the OK button and the selected icon will appear on the screen.

a. Language

There are multiple **Languages** to choose from (the default is English).

1. Press the Up/Down button to select **Language** in the Setup menu.
2. Press the Up/Down button to select the language desired: English, Deutsch (German), French, Spanish, Italian, Turkish, Русский (Russian), Portuguese (Brazil), Netherlands (Dutch), Hebrew, Simplified Chinese, Traditional Chinese, Japanese and Indonesian.
3. Press the OK button to confirm and return to Video Mode.

b. Set Date

The **Set Date** setting allows you to set up the Date and Time format displayed on the video.

1. Press the Up/Down button to select **Set Date** options in the Setup menu.
2. Press the Left/Right button to highlight and select the format for the Year, Month, Day, Hour, Minute, Second, Date Format (to select the date format you desire).
3. Press the Up/Down button to change the value of highlighted selections.
4. Press the OK button to confirm and return to Video Mode.

c. Date Stamp

This allows you to set up the **Date and Time** format displayed on the video.

1. Press the Up/Down button to select the **Date Stamp** option under the Set-up menu.
2. Press the Up/Down keys to select the corresponding options: Off, Date, or Date & Time.
3. Press the OK button to confirm and return to the Video Mode. Select "Date" or "Date & Time", and the photo taken will display the Date or the Date & Time.

d. Power Save

The camera will automatically **Power Save** (turn off) if idle for 3 minutes (default setting).

To change the length of time of power off:

1. Press the Up/Down button to select **Power Save** in the Set-up menu.
2. Press the Up/Down button to select: Off, 1 Minute, 3 Minutes, 5 Minutes, 10 Minutes.
3. Press the Menu button to confirm and return to Video Mode.

Note: If "Off" is selected, the camera will not power off until the battery power is used up or is turned off manually.

e. Beep (Beep Sound)

This function sets a **Beep** tone during camera operation.

1. Press the Up/Down button to select the **Beep** sound option in the set-up menu.
2. Press the Up/Down button to select the Beep sound to On/Off.
3. Press the OK button to confirm and return to Video Mode.

f. Frequency

For U.S. customers, use 60Hz.

1. Press the Up/Down button to select **Frequency** in the Set-up menu.
2. Press the Up/Down button to select 60Hz/50Hz.
3. Press the OK button to confirm and return to Video Mode.

g. Format

Please operate with caution. Once formatted, all the files on the memory card will be irreversibly deleted, including protected files. Please transfer images and videos or any other important files to your computer before formatting.

1. Press the Up/Down button to select **Format** in the Set-up menu.
2. Press the Up/Down button to select Yes or No.
3. Press the OK button to confirm and return to Video Mode.

h. Default (Factory Setting): With this option, you can restore the camera to factory settings.

1. Press the Up/Down button to select the **Default** option in the Set-up menu.
2. Press the Up/Down button to select Yes or No.
3. If you select "Yes", it will prompt you to re-confirm your selection: Yes or No.
 - a. If you select Yes, the factory settings will be applied and will return to Video Mode.
 - b. If you select No, it will not apply the factory settings, and will return to Video Mode.

Exiting the Menu Options: To cancel the **Menu Options** and return to Video Mode, press the Menu button.

PLAYBACK MODE

Press the Mode button to enter the Playback mode. When the film icon  appears in the upper left corner of the LCD screen, the camera is in Playback Mode. Now, you can playback photos and videos in your camera. In Playback Mode, you can Delete, Slideshow, Rotate, Crop and Protect your Photos, and Protect or Delete Videos.

Note: The message " No Image" will be displayed on the LCD screen if there are no photos or videos in the camera.

Press the Mode button to return to Photo or Video Mode.

Displaying Thumbnails

1. When the camera is in playback mode, press W and your thumbnail library will appear on the screen.
2. Press Up/Down/Left/Right button and select a photo or video thumbnail.
3. Press the OK button to display the photo or video in full screen.

Zooming In or Out of a Photo

1. Select a JPEG photo.
2. The icon  will display in the top left corner of the screen.
3. Press the T button multiple times to zoom in on the photo.
4. Press Up/Down/Left/Right button to navigate around the photo.
5. Press the W button to zoom back out.

Editing Photos and Videos

With the Editing Photo option, you can Delete, Slideshow, Rotate, Crop Image, or Protect.

Deleting Photos and Videos

Delete unwanted photos and videos at any time to release more memory. You can delete one image or video clip at a time, or delete all the unprotected photos and videos that are currently stored on the memory card.

1. Press the Menu button in Playback mode.
2. Press the Left/Right button to select the **Delete** option.
3. Press the Up/Down button to select: Delete this image or video, or Delete all files.
You will be prompted to confirm Yes or No to delete.
4. Press the OK button to confirm. The screen will show " Please Wait".

Slideshow (Photos Only)

1. Press the Menu button in Playback Mode.
2. Press the Left/Right button to select the **Slideshow** option.
3. Press the Up/Down button to select desired time for each slide: 3 seconds, 5 seconds or 10 seconds.
4. Press the OK button to confirm.

Rotating Images (Photos Only)

1. Press the Menu button in Playback Mode.
2. Press the Left/Right button to select the **Rotate** option.
3. Press the Up/Down button to select a Rotate option: 90°, 180°, or 270°.
4. Press the OK button to confirm.

You cannot rotate a protected file. If attempting to rotate a protected file, "File Protect" will display on the screen.

Cropping Images (Photos Only)

Crop your photos and save the cropped area as a new photo.

1. Press the Menu button in Playback mode.
2. Press the Left/Right button to select the **Crop** option.
3. Press the OK button to select; a blue rectangle will appear.
4. Press the Up/Down/Left/Right button to move the box, selecting the area you want to crop.
5. Press the W/T button to make the rectangle crop area smaller or larger.
6. Press the Shutter button to confirm the Cropped area.
7. Press the Shutter button again to save the cropped image.
8. Press OK at any time to exit without saving the cropped image.

Protecting Photos and Videos

1. Press the Menu button in Playback Mode.
2. Press the Left/Right button and select the **Protect** option.
3. Press the Up/Down button to select: Lock This, Unlock This, Lock All, or Unlock All.
4. Press the OK button to confirm. The lock icon will appear on the screen if you selected "Lock".

DOWNLOADING PHOTOS AND VIDEOS TO YOUR COMPUTER

1. Connect your camera to a computer with a USB-C cable.
2. Turn on the camera. A USB-C connection icon will appear on the screen.
3. Your computer will automatically recognize the USB-C connection.
4. Open the removable disc folder **DCIM**.
5. Select **100MEDIA** subfolder.
6. Select the files you want to transfer to your local hard drive.
7. Once you have copied the files you want, you can delete them to free up space on the TF card.
8. Properly remove the USB-C cable to disconnect.

WEBCAM MODE (Windows Only)

1. Connect your computer to the camera via USB-C cable, while the camera power is off.
2. Holding down the **Shutter** button, press the Power On button to turn on the camera.
3. A PC-CAM icon will be displayed on the camera's screen.
Note: Most computers will have this driver. If not, the computer will prompt for a driver installation. Follow the prompts to complete installation.
4. Open any application/program that requires a webcam.
Note: Some applications/programs require an extra step to select the device (check the applicable device setting of the program you will use).

SPECIFICATIONS

Image Sensor	13 Megapixel
Image Resolution	58M (8784x6588) pixels, 48M (8000x6000) pixels, 30M (6400x4800) pixels, 24M (5600x4200) pixels, 20M (5200x3900) pixels, 16M (4608x3456) pixels, 13M (4192x3112) pixels, 12M (4000x3000) pixels, 10M (3648x2736) pixels, 8M (3264 x2448) pixels, 5M (2592x1944) pixels
Video Resolution	4K (3840x2160) @10 FPS, 2.7K (2688x1520) @20 FPS, FHD (1920x1080) @30 FPS, HD (1280x720) @30 FPS
LCD Display Screen	2.88" IPS Display
External Storage	TF storage card (capable of supporting up to 128GB) with a speed requirement of Class 10 or above.
Digital Zoom	16x Digital Zoom
Exposure	EV-3~EV+3
White Balance	Auto/Daylight/Cloudy/Fluorescent/Tungsten
Mode Set	Automatic, Night, Portrait, Landscape, Backlight, Sport, Party, Beach, and High Sensitivity
ISO	Auto/100/200/400
Flash	Auto/Manual/Flash Off

Self-Timer	Off, 2 Seconds, 5 Seconds, 10 Seconds (Delay)
File Format	JPEG (Still Images)/AVI Format
Camera Lens	Autofocus
Supported Features	Anti-Shake, Face Detect, Smile Capture
Sound Input	Microphone
Sound Output	Speaker
Port	USB-C (2.0)
System Requirements	Windows XP/Vista V7/Mac
Battery	800mAh Lithium-Ion
Working Temperature	32°~104° F



Product Registration Instructions

Visit: www.HamiltonBuhl.com

1. Click on Customer Care
2. Click on Product Registration Form
3. Please fill out all fields marked with * to register your product



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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