BELL+HOWELL

BH1025**HD**

About this Manual
Congratulations on purchasing the Bell+Howell BH1025HD Digital Camera Binoculars! The contents of this manual are subject to change without notice. Note that the example screens and product illustrations shown in this User's Guide may differ somewhat from the screens and configuration of the actual camera.

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FEDERAL COMMUNICATIONS COMMISSION INTERFERENCE STATEMENT
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna.
• Increase the separation between the equipment and receiver.
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
• Consult the dealer or an experienced radio/TV technician for help.

CAUTION:
Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
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 and
(2)   This device must accept any interference received, including interference that may cause undesired operation.

RF Exposure Warning
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment must be installed and operated in

accordance with provided instructions and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

FCC: SAR standard Value: 1.6 W/Kg, Maximal Measure: 0.4 W/kg

CE Mark Warning

This is a Class B product, in a domestic environment, this product may cause radio interference, in which case the user may be required to take adequate measures.

Safety and Handling Precautions

Camera Information

- Do not disassemble or attempt to service the camera yourself.
- Do not expose the camera to moisture, or extreme temperatures.
- Allow the camera to warm up when moving from cold to warm temperatures.
- Do not touch and put pressure on the camera lens.
- Do not expose the lens to direct sunlight for extended periods.
- Do not use abrasive chemicals, cleaning solvents or strong detergents to clean the product. Wipe the product with a slightly damp soft cloth.
- Do not use the flash or LED Light near a person's eyes to prevent possible eye injury.
- To prevent you from falling over or resulting in traffic accident, please do not use the camera while you are walking, driving or riding a vehicle.
- Please handle the camera strap with care, and never place the strap around the neck of an infant or child. Wrapping the strap around a neck may cause suffocation.
- Do not subject the LCD screen to impact.
- To prevent the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Battery Information

- Turn off the camera before installing or removing the battery.
- Use only the provided batteries or type of battery and charger that came with your camera. Using other types of battery or charger may damage the device and invalidate the warranty.
- Inserting the battery upside down can cause damage to the product

and possibly cause an explosion.
- When the camera is used for an extended period of time, it is normal for the camera body to feel warm.
- Download all pictures and remove the battery from the camera if you are going to store the camera for a long period of time.
- The type of battery and the battery power level may cause the lens to be stuck up. Ensure you use the correct battery type and use a fully charged battery.
- Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
- Please keep the batteries out of the reach of children to prevent from swallowing batteries, which might cause poisoning.
- Once the battery's color changes or its shape is twisted, please stop using it.
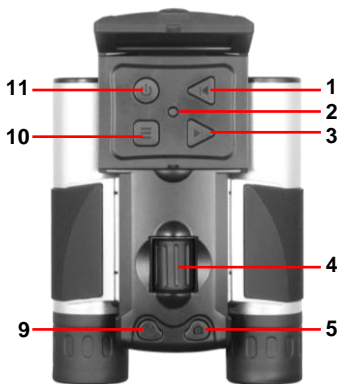
USB Adaptor Information
- Do not expose the adapter to high temperatures or moisture places. Otherwise, it may cause fire or electric shock.
- Do not attempt to repair, disassemble, change or transform the adapter.
- Avoid sudden changes in temperature, which may cause condensation on the adapter's internal surfaces. Please do not use it immediately in this situation.
- Do not touch the plug with wet hands. Otherwise, it may cause electric shock.
- Do not use the travel voltage converter or AC/DC power inverter. Otherwise, it may cause damage, overheating, malfunction or fire to the camera.

1.1 Digital Camera Binocular Interface

1. LCD Screen	
2. Rubber Grip	
3. Adjustable Eyepiece	
4. Eyepiece	
5. Memory Card Slot	
6. USB Port	
7. Status LED	
8. Objective Lens	
9. Camera Lens	

1. Left	Zoom In Button
2. Reset
3. Right	Zoom Out Button
4. Focus Knob
5. OK	Photo Button
6. Speaker
7. Microphone
8. Tripod Mount
9. Mode Button
10. Menu Button
11. Power Button

1.2 Button Function Description

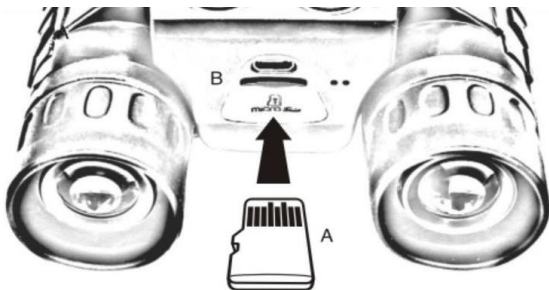| Function	Description
Power	Press and hold for 3 seconds to power on and off.
Mode	Tap to cycle between Photo, Video and Playback modes.
Menu	Tap to access and exit all menus and submenus.
Left | Zoom In	**In Video or Photo:** Press and hold to zoom in. **In menu:** Press to navigate menus and options. **In Playback:** Press to scroll through media gallery.
Down | Zoom	**In Video or Photo:** Press and hold to zoom out. **In Menu:** Press to navigate menus and options. **In Playback:** Press to scroll through media gallery.
Photo | OK	**In Photo:** Tap to capture a photo. **In Video:** Tap to start and stop recording. OK button in menus. Tap to confirm a setting

2. First Use

2.1 Inserting the Memory Card

Insert the included memory card to record and store your videos and photos. When the battery is low, media stored on the memory card will not be erased. Please insert the memory card by following the steps below:

Insert the memory card (A) into the memory card slot (B). Ensure that the metal contacts are inserted first. Push the memory card down until you hear an audible click.

The memory card can only be inserted in one way. Do not force the card in if it will not go in smoothly.

To remove the memory card, simply push in and the card will eject back out.

NOTE:

- Please format the memory card before using the camera (Caution, this will erase all data on the card).

- Do not remove or insert the memory card when recording. It may damage the card or cause data loss.

- Memory card rating must be Class 10 or above.

2.2 Charging the Battery

Connect your camera to the included AC adaptor with the USB cable provided for charging. Insert the small end of the USB plug into the camera's port, and the larger end in to the included AC adaptor.

2.3 Powering the Camera On/Off

Press and hold **POWER** button for 3 seconds to power the camera on. To power the camera off, press and hold **POWER** button for 3 seconds.

The camera will not automatically power on and off when the screen is opened or closed. You must manually power the camera off.

If the camera's battery is low, a "Low Power" message will display on the screen and it will automatically shut down within a few seconds to prevent memory corruption or loss.
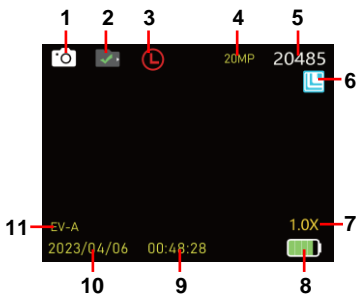
2.4 Switching Modes

Press the **MODE** button to cycle between Photo, Video and Playback Modes. The corresponding mode will be displayed in the top left corner of the screen.

2.5 Using the Zoom Function

This camera has a digital zoom function. To operate the zoom function, press and hold the **LEFT** button to zoom in closer to the subject, and press and hold the **RIGHT** button to zoom away from the subject.

2.6 Photo Mode

Press the **MODE** button to switch to Photo Mode. The meaning of each icon within Video Mode is explained in the table below:

1) Photo Mode	
2) Memory Card Loaded	
3) Self Timer	
4) Photo Size (Resolution)	
5) Photos Remaining	
6) Photo Burst	
7) Zoom Level	
8) Battery Level	
9) Current Time	
10) Current Date	
11) Exposure Value	

2.7 Video Mode

Press the **MODE** button to switch to Video Mode. The meaning of each icon within Photo Mode is explained in the table below:

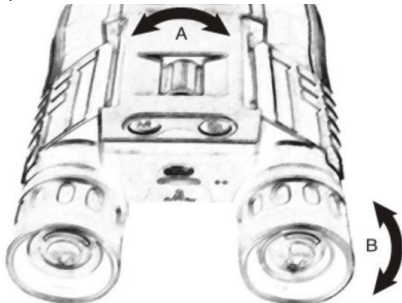|	
1) Video Mode	
2) Memory Card Loaded	
3) Video Size (Resolution)	
4) Recording Time Elapsed	
5) Zoom Level	
6) Battery Level	
7) Current Time	
8) Current Date	
9) Exposure Value	

3. Using the Binoculars

3.1 Adjusting Eye Piece Distance

1. Hold the binoculars to your eyes in the regular viewing position.
2. Grasp each barrel A and B firmly. Move the barrels closer together or further apart until you see a single circle through the eye pieces.
3. Adjustments may be necessary in between uses as the sides might change positions.
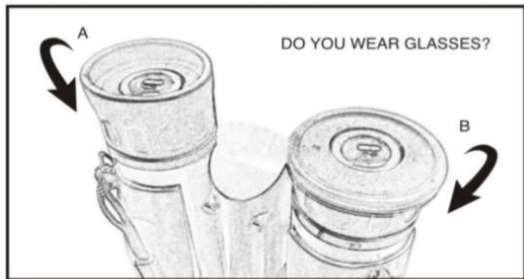

3.2 Focusing Eye Pieces

1. Look through the eye pieces. While closing your right eye, look only with your left eye and rotate the center knob (A) in either direction until your view comes into clear focus.
2. Closing your left eye, look with your right eye and rotate the right eye piece (B) until your view is clear.

3.3 For Glasses Wearers

For glasses wearers, fold down the rubber flaps around the eye piece (A) and (B) to make your glasses closer to the eyepieces for a better view.

3.4 Maintenance and Cleaning

- Only use a clean microfiber cloth to clean fingerprints and dust from the lenses.
- Only use liquid cleaning products specifically designed for prescription glasses.
- Do not disassemble or try and clean inside the binoculars.
- Store the binoculars in a dry or ventilated place when not using them.

CAUTION: Do not look at the sun with the binoculars. You can cause permanent damage to your eyes.

3.5 Quick Tips on Using the Camera

3.5.1 Mode Options

With the camera powered on, press the **MODE** button to select the mode you want to use: PHOTO Mode, PLAYBACK Mode and VIDEO Mode.

3.5.2 Photo Mode

The camera automatically enters on PHOTO Mode when powered on. You can either take a photo when looking through the binocular lenses or with the LCD screen open. Press the **PHOTO** button to capture a photo.

3.5.3 Video Mode

Press the **MODE** button to switch to video mode and then press the **PHOTO** button to start recording the video. Press the **PHOTO** button again to stop the recording.

3.5.4 Playback Mode

Press the **MODE** button to switch to PLAYBACK Mode and press the **LEFT** and **RIGHT** buttons to select the photos or video files you want to view. Press the **PHOTO** button to play the videos or to show the photos.

3.5.5 Digital Zoom

To use the digital zoom, press and hold the **LEFT** and **RIGHT** buttons when in Photo or Video modes to select the range of the digital zoom you want.

For a better result on your photos and videos, hold the binocular tightly or attach a tripod to prevent any shakes during the recording.

4. Using the Camera and Changing Settings

4.1 Photo Shooting

Power the camera on and it will be ready to take pictures right away.

1. You can either look through the binocular eyepieces or line up your shot by looking at the LCD screen to see what is in the shot.
2. Press and hold the **LEFT** or **RIGHT** buttons to zoom in or out.
3. Hold the camera steady and press the **PHOTO** button to capture a photo.
4. The number of photos that can be captured at a particular resolution will be displayed in the top right corner of the screen.
5. The memory card icon on the screen will have a cross through it if there is no memory card inserted in the camera's memory card slot. A "card full" message will be shown on the screen when the memory card is full.
6. The number of remaining photos is determined by the selected photo resolution. The higher the photo resolution, the lower the number of photos you are able to be save to the memory card. Before capturing any photos, you can select a preferred photo resolution.

4.2 Video Recording

Power the camera on and press the **MODE** button to switch modes. A video camera icon will appear in the top left corner of the screen when you are in Video mode.

1. You can either look through the binocular eyepieces or line up your shot by looking at the LCD screen to see what is in the shot.
2. Press and hold the **LEFT** or **RIGHT** buttons to zoom in or out.
3. The amount of time that can be recorded in the current settings is displayed in the top right corner of the screen.
4. Hold the binoculars steady and press the **PHOTO** button to begin recording.
5. When recording begins, a rolling timer will display in red in the top right corner of the screen. This indicates the recorded video time elapsed.
6. Press the **PHOTO** button to stop recording.
7. The recorded video files will automatically save onto the inserted memory card.

4.3 Settings Menu

All camera settings can be changed in the Settings menu. Power the camera on and press the **MENU** button to enter the Settings menu. The settings menu will be displayed on the screen.

4.3.1 Photo Size (Resolution)

This function sets the photo resolution. The higher the resolution, the greater the photo quality and the larger the file size of the photo.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Photo Size'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Photo Size'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected photo resolution *(48MP, 30MP, 25MP, 20MP, 10MP, 8MP, 5MP, 3MP)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.2 Self Timer

This function determines the time delay before a photograph is captured.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Self Timer'* using **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Self Timer'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Off, 2S Timer, 5S Timer, 10S Timer)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.3 Photo Burst

This setting allows you to take 3 consecutive pictures automatically.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Photo Burst'* using **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Photo Burst'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Off, 3 Photos)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.4 Video Size (Resolution)

Your camera has a number of preset resolutions.

1. In Photo or Video Modes press the **MENU** button.
2. Select '*Video Size*' using the **LEFT** or **RIGHT** buttons and press the
   PHOTO button to enter the '*Video Size*' submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the
   PHOTO button to confirm the selected photo resolution *(2.5K UHD,
   1080P FHD, 1080P, 720P)*. A higher resolution will produce a higher
   quality and larger video file.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.5 Loop Recording

This setting allows you to set a maximum duration for each video clip
recorded. Once you select an option, your camera will record video clips in
this time interval only. Once your selected duration recording time is reached,
the camera will end the recording and begin recording a new video file
seamlessly.

1. In Photo or Video Modes press the **MENU** button.
2. Select '*Loop Recording*' using the **LEFT** or **RIGHT** buttons and press the
   PHOTO button to enter the '*Loop Recording*' submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the
   PHOTO button to confirm the selected option *(Off, 1 Minute, 2 Minutes, 3
   Minutes, 5 Minutes, 10 Minutes)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.6 Video Frame Rate

This function allows you to set the frame rate of the recorded videos. Videos
recorded in the Slow frame rate option, will playback in slow motion. Videos
recorded in the Fast frame rate option, will playback in high speed.

1. In Photo or Video Modes press the **MENU** button.
2. Select '*Video Rate*' using the **LEFT** or **RIGHT** buttons and press the
   PHOTO button to enter the '*Video Rate*' submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the
   PHOTO button to confirm the selected option *(Normal, Slow, Fast)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.7 Time Stamp

This setting allows you to imprint a date & time onto your recorded video files. Once a video file is recorded with the imprint, the imprint cannot be removed.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Time Stamp'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Time Stamp'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Off, On)*.
4. Press the **MENU** button to exit the menu without making a selection.

Note: Once a date/time stamp is captured on a photograph or video, it cannot be removed.

4.3.8 Screen Brightness

This function allows you to set the brightness of the LCD screen.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Screen Bright'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Screen Bright'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(1, 2, 3, 4, 5, 6, 7, 8)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.9 Screen Saver

This setting controls the amount of time before the screen turns off to save power.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Screen Saver'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Screen Saver'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Off, 1 Minute, 2 Minutes, 3 Minutes)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.10 Auto Power Off

This function sets the duration of time in which the camera will wait with no user input before automatically powering off.
1. In Photo or Video Modes press the **MENU** button.

2. Select *'Auto Power Off'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Auto Power Off'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Off, 1 Minute, 3 Minutes, 5 Minutes)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.11 Language

This function allows you to set the camera's interface language.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Language'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Language'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.12 Volume

This setting controls the volume level of the camera's sounds.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Volume'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Volume'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(0, 1, 2, 3, 4, 5, 6, 7)*.
4. Press the **MENU** button to exit the menu without making a selection.

4.3.13 Format Memory Card

The format setting erases all photos, videos and data stored on your memory card.
1. In Photo or Video Modes press the **MENU** button.
2. Select *'Format Card'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Format Card'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Cancel, Format)*.
4. Press the **MENU** button to exit the menu without making a selection.

NOTE: This will delete all of your media and cannot be undone

4.3.14 Date/Time Set

This function allows you to set the current Date and Time on your recorded video clips and captured photos.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Date/Time Set'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Date/Time Set'* submenu.
3. Press the **PHOTO** button to switch between year, month, day, hours and minutes.
4. Once your desired field is highlighted, press the **LEFT** or **RIGHT** buttons to cycle through numbers.
5. Once completed with all of the fields, press the **PHOTO** button to confirm the changes and exit the menu.
6. Press the **MENU** button to exit the menu without making a selection.

4.3.15 Restore Default Setting

Factory default settings can be restored in this menu. This function will not delete the media stored on the memory card, and will only restore all of the menu's setting back to factory default settings.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Restore Default'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Restore Default'* submenu.
3. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button to confirm the selected option *(Cancel, OK).*
4. Press the **MENU** button to exit the menu without making a selection.

4.3.16 Version

This function allows you to see the firmware version of your camera.

1. In Photo or Video Modes press the **MENU** button.
2. Select *'Version'* using the **LEFT** or **RIGHT** buttons and press the **PHOTO** button to enter the *'Version'* submenu.
3. The firmware version will be displayed on the screen, press the **PHOTO** button to exit the menu.
4. Press the **MENU** button to exit the menu without making a selection.

4.4 Playback Mode

Videos and photos captured on your camera can be easily played back. Power the camera on and press the MODE button to switch to Playback Mode.

1. Press the **MODE** button to enter Playback Mode. Your last recorded image or video will appear on the screen when fist entering playback mode.
2. Press the **LEFT** or **RIGHT** buttons to cycle through the captured videos and photos stored on the memory card.
3. While viewing an image, press and hold the **LEFT** button to zoom in on the image and press and hold the **RIGHT** button to zoom out.
4. While zoomed in on an image, press the **LEFT** button to pan up, press the **RIGHT** button to pan down, press the **PHOTO** button to pan right and press the **MENU** button to pan left.
5. To enter into a video, press the **PHOTO** button.

In Playback Mode the following options are available:

4.4.1 Delete

This function is used to delete photos and videos. Photos and videos can be deleted singly or all at once.

1. In Playback Mode press the **MENU** button to enter the '*Delete'* submenu.
2. Press the **LEFT** or **RIGHT** buttons to navigate the menu, and press the **PHOTO** button for your selected setting *(OK, Cancel).*
3. Press the **MENU** button to exit the menu without deleting any pictures or videos.

4.4.2 Video Playback

Videos can be played back and viewed on your camera.

1. In Playback Mode, press the **LEFT** or **RIGHT** buttons to select the video file for playback.
2. Press the **PHOTO** button to start playing the video. Press the **MODE** button to stop the video.

5. **How to Connect to Your Computer**

Connect the small end of the USB cable to the USB port on the camera. Then connect the large end of the USB cable to a USB port on your computer. If the camera is off, power it on and the LCD screen will show a USB icon on the screen. You will now be able to download the photos and videos to your computer.

6. Technical Specifications

Model Number	BH1025HD
Magnification	10x
Objective Lens Diameter	25mm
Optical Design	Roof Prism
Field of View	5.7° / 314 ft. @ 1000 yds
Exit Pupil Diameter	2.5mm
Eye Relief	7mm
Minimum Focus Distance	8m
Pixels (photo)	JPEG: 48MP • 30MP • 25MP • 20MP • 10MP • 8MP • 5MP • 3M
Pixels (video)	AVI: 2.5K • 1080P FHD • 1080P • 720P
Digital Zoom	8x
LCD Monitor	2.0 Inch LTPS LCD Anti-Glare Monitor
Power Saving Mode	OFF • 1 Minutes • 3 Minutes • 5 Minutes
Recording Media	MicroSD • MicroSDHC; Maximum: 32GB
I/O Ports	USB C • Microphone (built-in MIC) • Speaker
Power	3.8V Lithium-Ion, 1,000 mAh
Dimensions	5. 5 x 3.23 x 1.86 in. • 9.7 oz.

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If you're having difficulties with your camera, or would like further assistance, please call our toll-free technical support hotline at 800-441-1100. Please be sure to have your camera handy when calling.