ZERO-X®

EXPLORA

ZX-DC100

FHD Digital Camera

USER MANUAL

CONTENTS

1.0 INTRODUCTION

Thank you for purchasing the ZX-DC100 compact digital camera. Please read through this User Manual before using the digital camera and retain this User Manual for future reference.

1.1 FEATURES

- 1080p Full HD Recording
- 5MP Camera Sensor
- 2.4" Screen

1.2 IMPORTANT SAFETY INSTRUCTIONS

1. Press the buttons gently. Pressing the buttons too hard may damage the device.

2. Disconnect the USB charging cable from the camera, power source and computer when the device is left unused for a long period of time.

3. Do not disconnect the device from a computer while file transfer is still in progress.

4. Only use this device in a dry location.

5. Do not store the device near a heat source or in dirty, humid or wet places.

6. Do not place the device in places with high temperatures (over 40°C), especially not in a car with the windows closed during summer. Keep the device out of direct sunlight.

7. Do not attempt to disassemble this device. There are no user serviceable parts inside this device.

1.3 BATTERY SAFETY

This device uses a lithium-ion battery. When handled incorrectly, the Li-ion battery pack can be dangerous and potentially harm people and damage property.

1. Keep the battery pack away from young children.

2. Do not disassemble, drop, damage, crush, puncture and incinerate the battery pack.

3. Do not short circuit and do not allow metal objects to come into contact with the battery terminal.

4. Always unwind the USB charging cable before charging.

5. Do not charge the battery in temperatures higher than 40°C or lower than 0°C.

6. Do not overcharge the camera battery. Once the battery is fully charged, remove the charging cable from the camera as soon as possible. Do not leave the battery charging unattended and do not charge overnight.

7. Always charge the camera battery in a safe environment away from flammable materials.

8. Be aware of charging conditions. Battery charging is to be conducted under adult supervision.

9. Do not use the camera if the device or battery is damaged, leaking, making abnormal sounds and/or punctured.

10. Use only the replacement battery recommended by the manufacturer for this camera.

1.4 CARE AND MAINTENANCE

1. Do not drop the device on a hard surface to avoid damage.

2. Do not expose the device to moisture and liquids.

3. Keep the device clean by wiping it with a dry soft cloth. Disconnect the device from the power source before cleaning.

4. Keep the camera lens surface clean for clear image taking by using a clean, dry, non-alcohol cotton swab to clean the lens.

5. Do not use alcohol, thinners or benzene to clean the device surface

1.5 PRODUCT DISPOSAL

1. This device comes with a lithium battery. Please observe local regulations regarding the disposal of old devices with batteries.

2. Do not dispose of the device in fire.

2.0   GETTING STARTED

2.1   WHAT'S IN THE BOX

- 1 x ZX-DC100 Digital Camera
- 1 x Rechargeable Battery
- 1 x USB Type-C Charging and Data Cable
- 1 x Soft Carry Case
- 1 x Carry Strap
- 1 x User Manual

2.2   PRODUCT LAYOUT AND BUTTONS
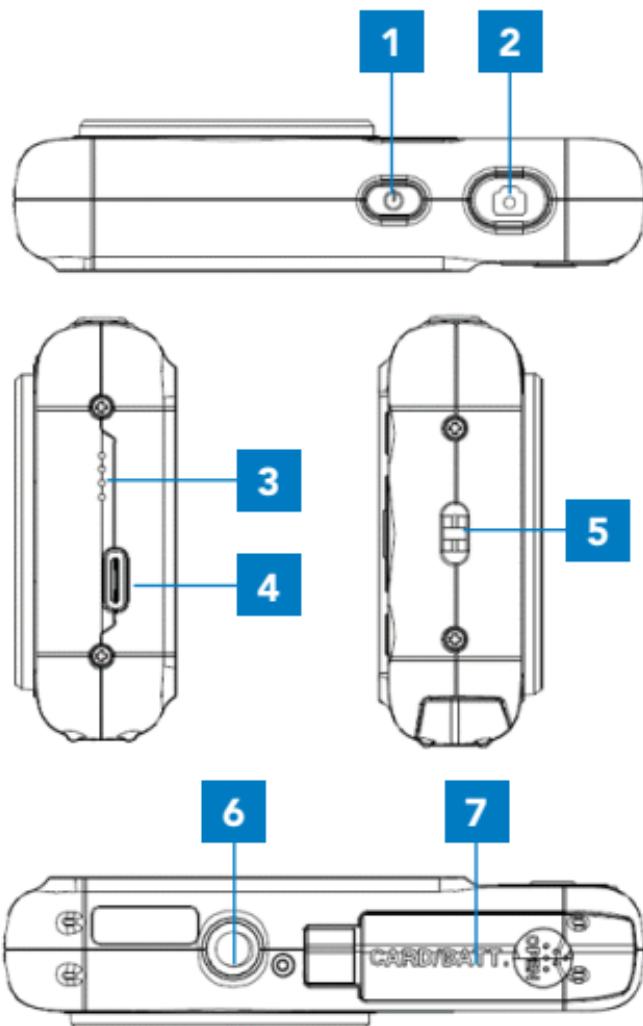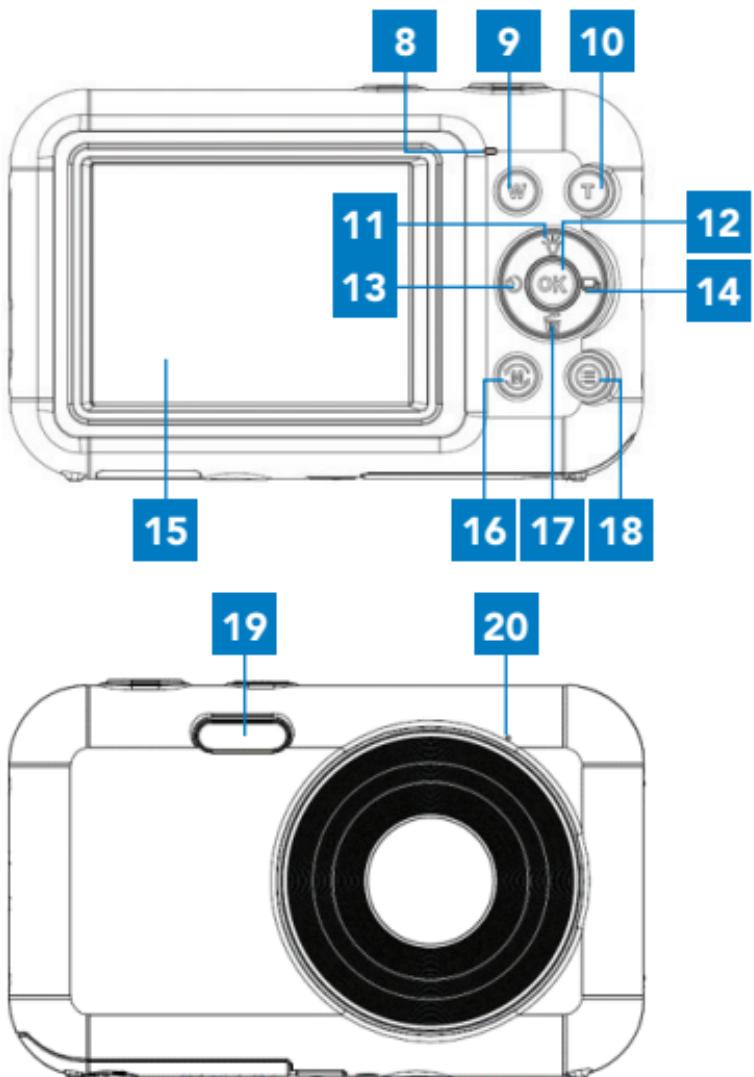
Label	Part Name	Function
1	Power Button	Powers the camera on/off
2	Shutter Button	**In image mode:** Takes photos. **In video mode:** Starts/ends recording. **In playback mode:** Plays/pauses video files.

| Label	Part Name	Function
3	Speaker Outlet	Sound outlet.
4	USB Port	USB charging and data cable connection.
5	Strap Lug	For attaching a camera strap.
6	Tripod Mount	Standard screw port for tripod mount (not included).
7	Battery Cover	Open to access Micro SD card slot and install/remove battery pack.
8	Indicator Light	**Blue light:** camera is working. **Red light:** camera is charging. **Red light goes out:** battery is fully charged.
9	W Button	Electronic zoom out. In playback mode: reduces volume level of video.
10	T Button	Electronic zoom in. I**n playback mode:** increases volume level of video.
11	Up Key	Turns on/off LED fill light. Menu selection
12	OK Button	Confirms selection. **In playback mode:** stops playing video file.
13	Left Key	**In image mode:** timer mode control, with selection of timer off, 2s, 5s or 10s. Menu selection.

Label	Part Name	Function
14	Right Key	**In image mode:** turns on/off burst mode (continuous photo shoot).
		Menu selection.
15	Display Screen	Display Screen
16	Mode Button	Switches between image mode, video mode or playback mode.
17	Down Key	Shortcut to delete function.
		Menu selection
18	Menu Button	Enters or exits menu settings.
		In image mode: Image mode settings. **In video mode:** Video mode settings. **In playback mode:** delete files.
19	LED Light	LED fill light.
20	MIC	Microphone port for voice recording.

2.3 INSTALLING AND REMOVING THE BATTERY

Fully charge the battery before first use.

To install the battery:

• Open the **Battery Cover** as shown in the diagram.
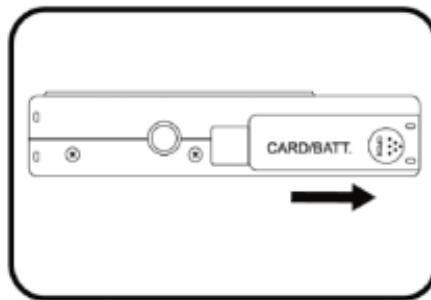
- Push up the battery lock lever as indicated

- Insert the battery with its electrical contacts facing inwards into the battery compartment until the battery locks into place.
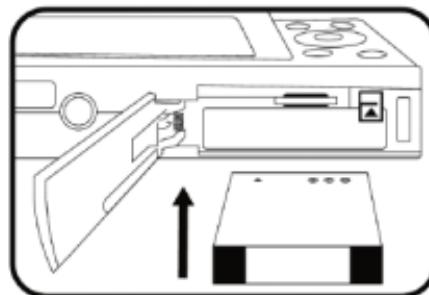
- Close the **Battery Cover**.
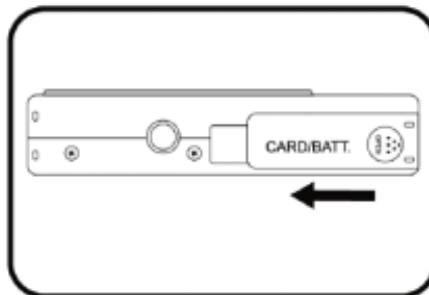
To remove the battery:

- Push up the battery lock lever as indicated
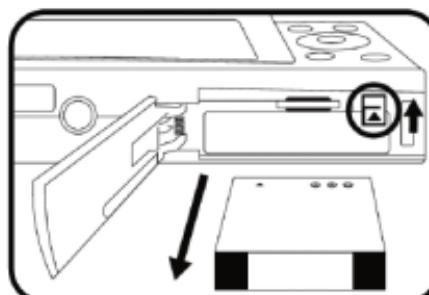
- The battery will be slightly ejected to facilitate easy removal.

2.4 CHARGING THE BATTERY

It takes approximately 1.5 hours to fully charge the camera's Li-ion battery pack.

• Plug one end of the supplied USB charging cable to the camera USB charging port and the other end to a 5V ▭ 1A max DC source like the USB port on a computer.

Type–C
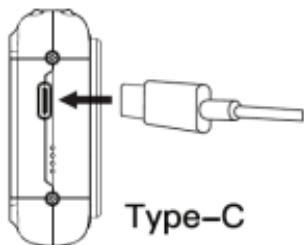
• The indicator light turns solid red when charging is in progress

• The indicator light turns off when the battery is fully charged.

• Please do not overcharge the battery or leave on charge overnight.

When the screen shows a low battery icon, recharge the battery as soon as possible.

2.5 BATTERY ORDERING CODE

Replacement battery ordering code: **ZX-DCZ100B**

3.0 OPERATING INSTRUCTIONS

3.1 POWERING ON/OFF

- To turn on/off the camera, press and hold the **Power Button**.

The camera will automatically turn off after a set period when the Auto Power Off feature is enabled.

Please note that the digital camera requires the use of a Micro SD card (not included) to take photos, record videos and save files.

3.2 INSTALLING MEMORY CARD

This camera is compatible for use with a class 10 Micro SD card (not included) with a capacity up to 32GB. Install a compatible memory card before operating the camera.

- Turn off the camera using the **Power Button**.
- Open the **Battery Cover** by sliding the cover to the right.
- Locate the Micro SD card slot and properly insert the memory card with the metal contact pins facing upwards as shown below until it locks in place (indicated by a 'click' sound)
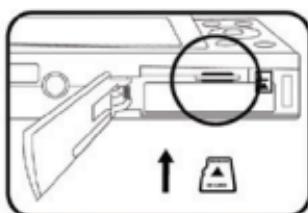
Metal contacts side

- Close the **Battery Cover**.

3.3   FORMATTING MEMORY CARD

Please format the memory card before first use.

All files on the memory card will be lost after formatting. If necessary, please back up all files before formatting.

- Switch to Image Mode using the **Mode Button**.

- Press the **Menu Button** to enter the Image Mode settings interface.

- Press the **Left Key** and **Right Key** to find the "Format Memory Card" option.

- Press the **OK Button to** confirm formatting.
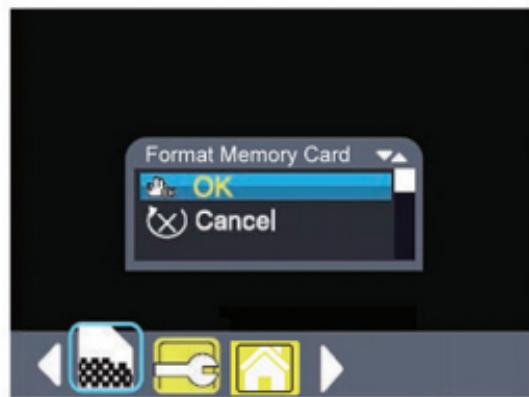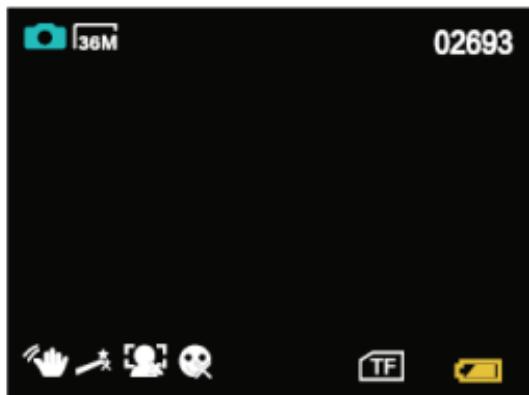
3.4 TAKING A PHOTO

The camera defaults to the Image Mode when it is powered on.

- Go to **Image Mode** using the **Mode Button**.

- Adjust the **Image Mode Settings** as required.

- Press the **Shutter Button** to take photos.

NOTE: The camera has a fixed-focus lens. The best shooting distance is 3m away from the camera.
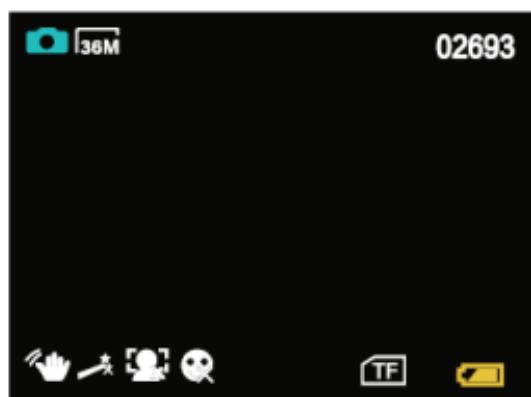
3.4.1   IMAGE MODE SETTINGS

To access **Image Mode Settings**:

- While in **Image Mode**, press the **Menu Button** to call up the **Image Mode Settings** menu.

- Use the **Left Key / Right Key / Up Key / Down Key** to navigate screen options and choose a setting.

- Press the **OK Button** to enter the selected mode.

- Press the **Menu Button** again to exit the **Image Mode Settings** menu.

IMAGE MODE SETTINGS MENU

Screen Options	Setting Options	Function
Image Size	44MP / 42MP / 36MP / 24MP / 20MP / 16MP / 12MP / 10MP / 8MP / 5MP	Sets the image size. Larger image sizes are interpolated from 5MP.
Anti-Shake	On/Off. Default is On.	Enables/Disables the Anti- Shake feature.

Screen Options	Setting Options	Function
Face Detect	On/Off. Default is On.	Enables/Disables the Face Detect feature. Focus frame appears on screen when a face is detected.
Smile Capture	On/Off. Default is Off.	Enables/Disables the Smile Capture. Photo is automatically taken when a smile is detected. Requires good lighting condition to work.
Effect	Normal / B&W / Sepia / Red / Green / Blue / Sunset / Warm / Cool / Over Exposure / IR / Binary / Vivid / Undertone / Dog Eye / Gothic / Japanese Style / LOMO / Negative. Default is Normal.	Sets the effect for photo. These effects can only be used during photo taking. They cannot be used to edit the photos in playback mode.
Date	Watermark On / Watermark Off / Set Date	Enables/Disables the date and time watermark. Set the date and time using the Up Key / Down Key / Left Key / Right Key. Press OK Button to confirm.

Screen Options	Setting Options	Function
Auto Power Off	Off / 1 min / 2 min / 3 min / 4 min / 5 min / 10 min. Default is Off.	Enables/Disables the camera auto power off feature.
Beep Sound	Off / On. Default is On.	Turns on/off the beeping sound when a button is pressed.
Format Memory Card	OK / Cancel.	Formats the inserted memory card for use.
Reset Camera	OK / Cancel.	Resets the camera to factory default settings.

3.4.2 PLAYBACK AND DELETE PHOTOS

- Press the **Mode Button** to access the **Playback Mode**.

- Use the **Left Key / Right Key** to browse through the photos.

- To delete a photo, press the **Down Key** and select "Yes" to confirm deletion.

- To exit the **Playback Mode**, press the **Mode Button**.

3.5 RECORDING A VIDEO

- Go to **Video Mode** using the **Mode Button**.
- Adjust the **Image Mode Settings** as required.
- Press the **Shutter Button** to start/stop video recording.
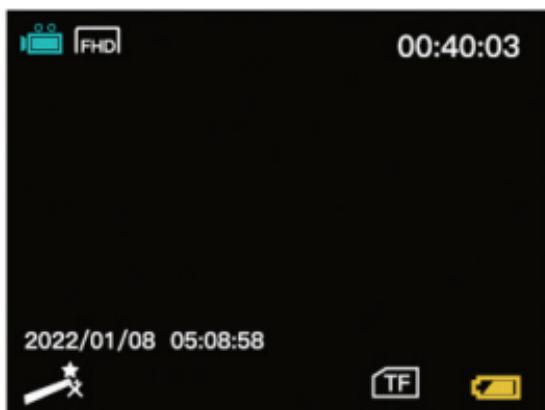
3.5.1 VIDEO MODE SETTINGS

To access **Video Mode Settings**:

- While in **Video Mode**, press the **Menu Button** to call up the **Video Mode Settings** menu.
- Use the **Left Key / Right Key / Up Key / Down Key** to navigate screen options and choose a setting.
- Press the **OK Button** to enter the selected mode.
- Press the **Menu Button** again to exit the **Video Mode Settings** menu.

VIDEO MODE SETTINGS MENU

Screen Options	Setting Options	Function
Video Size	1080P / 720P / 480P	Sets the video resolution.
Effect	Normal / B&W / Sepia / Red / Green / Blue / Sunset / Warm / Cool / Over Exposure / IR / Binary / Vivid / Undertone / Dog Eye / Gothic / Japanese Style / LOMO / Negative. Default is Normal.	Sets the effect for video. These effects can only be used during video recording. They cannot be used to edit the videos in playback mode.
Date	Watermark On / Watermark Off / Set Date	Enables/Disables the date and time watermark. Sets the date and time using the **Up Key / Down Key / Left Key / Right Key**. Press **OK Button** to confirm.
Auto Power Off	Off / 3 min / 5 min / 10 min. Default is Off.	Enables/Disables the camera auto power off feature.
Beep Sound	Off / On. Default is On.	Turns on/off the beeping sound when a button is pressed.
Format Memory Card	OK / Cancel.	Formats the inserted memory card for use.

Screen Options	Setting Options	Function
Reset Camera	OK / Cancel.	Resets the camera to factory default settings.

3.5.2 PLAYBACK AND DELETE VIDEOS

1. Press the **Mode Button** to access the **Playback Mode**.

2. Use the **Left Key / Right Key** to browse through the videos.

3. To start/pause video playback, press the **Shutter Button**.

4. During a video playback:

   • Press the **W Button** to decrease and turn off volume.

   • Press the **T Button** to increase volume.

   • Press the **Right Key** to increase playback speed.

   • Press the **Left Key** to playback in reverse during forward playback.

5. To delete a video, press the **Down Key** and select "Yes" to confirm deletion.

6. To exit **Playback Mode**, press the **Mode Button**.

3.6 TRANSFERRING PHOTO/VIDEO FILES TO COMPUTER

- Power off the camera. Connect the camera to the computer using the supplied USB cable.

- Power on the camera.

- Use the computer to access the USB drive. All images and video files are stored in the same folder.

  File path:
  [USB Drive] > DCIM > 100ZX-DC
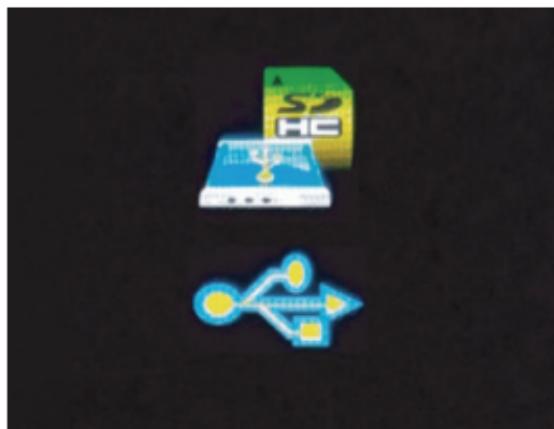
- Eject the device from the computer and unplug the camera USB cable after use.

3.7 USING THE CAMERA AS A WEBCAM

You can use the camera as a webcam on your PC.

- Power off the camera. Connect the camera to the computer using the supplied USB cable.

- Press and hold the **Power Button** and **Shutter Button** at the same time.
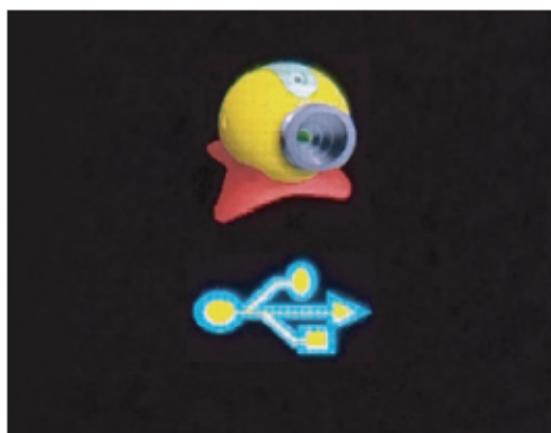
- Open the Cameras setting on your computer and select **USB CAMERA** under Connected cameras.

- To stop using the camera, unplug the USB data cable.

4.0   TROUBLESHOOTING

Problem	Part Name
The camera freezes up and cannot be turned off.	1. Remove and reinstall the battery. 2. Turn on the camera. 3. Format the memory card.
The camera cannot detect memory card.	1. Check that the Micro SD card is correctly inserted as per instructions in this manual. 2. Check that the Micro SD card is inserted all the way and locked in place. Close the protective cover properly. 3. Check that the memory card is supported. The camera is compatible with a Micro SD card up to 32.
No response when Shutter Button is pressed.	Wait for data processing to complete before taking the next photo or delete some photos in the Micro SD card, if the memory is full.
The images captured are not clear.	1. Keep the object at least 1m away from the camera. 2. Hold your camera steady when taking photos. 3. Take photos under good lighting conditions. 4. Clean the camera lens surface.
The camera automatically turns off.	Charge the battery using the supplied USB cable.

5.0 SPECIFICATIONS

Camera Model	ZX-DC100
Replacement Battery Ordering Code	ZX-DCZ100B
Display	2.4-inch Screen
Camera Sensor	5MP
Sensor Size	1/4"
Focal Length	f=7.36mm
Aperture	F/3.2
Digital Zoom	16X
Still Image Size	44MP / 42MP / 36MP / 24MP / 20MP / 16MP / 12MP / 10MP / 8MP / 5MP
Video Resolution	1080P / 720P / 480P
External Memory	Micro SD card (not included) with capacity up to 32GB Class 10
File Format	JPG format (image) / AVI format (video)
Timer	Off / 2s / 5s / 10s
Auto Power Off	Off / 1 min / 2 min / 3 min / 4 min / 5 min / 10 min
Connectivity	USB Type-C charging and data cable included
Power Source	700mAh Li-ion battery
Charging Time	Approx. 1.5 hours

6.0 WARRANTY TERMS AND CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided in addition to your rights under the Australian Consumer Law. Directed Electronics Australia Pty Ltd (Directed Electronics) warrants that this product is free from defects in material and workmanship for a period of 12 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Directed Electronics.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect. In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase. The retailer will then return the goods to Directed Electronics.

Directed Electronics will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Directed Electronics, will be borne by you.

Please scan this QR code for customer support.

6.1   INDEMNITY

You agree to defend, indemnify and hold harmless Zero-X and its subsidiaries and affiliates from and against any and all claims, proceedings, injuries, liabilities, losses, costs and expenses (including reasonable legal fees), including but not limited to, claims alleging negligence, invasion of privacy, copyright infringement and/or trademark infringement against Zero-X and its subsidiaries and affiliates, relating to or arising out of your breach of any provision of these terms, your misuse of Zero-X products or its services, or your unauthorized modification or alteration of products or software.

6.2 WARRANTY AND WARRANTY DISCLAIMER

Zero-X has a limited warranty, whereby Zero-X warrants to you and only to you that this Zero-X product will be free from defects in materials and workmanship for one (1) year from the date of your purchase (unless a longer warranty period is required by law). The specifics of this Zero-X limited warranty are covered in this manual.

To the extent possible under governing law, other than the above product warranty for the Zero-X product, you understand and agree that the Zero-X services are provided on an "as is" and "as available" basis.

Zero-X makes no warranty that the Zero-X product and services will meet your requirements or that use of the Zero-X services will be uninterrupted, timely, secure or error-free. Nor does Zero-X make any warranty as to the accuracy or reliability of any information obtained through Zero-X (including third party content), that any defects in the Zero-X products or services be corrected or that the Zero-X products or Zero-X services will be compatible with any other specific hardware or service.

Further, Zero-X does not warrant that Zero-X products or services or Zero-X servers that provide you with data and content are free of viruses or other harmful components.

Zero-X also assumes no responsibility for and shall not be liable for any damages caused by viruses that may infect your Zero-X. In the event of any loss, damage or injury, you will not look to Zero-X to compensate you or anyone else. You

release and waive for yourself and your insurer all subrogation and other rights to recover against Zero-X arising as a result of the payment of any claim for loss, damage or injury.

Zero-X equipment and services do not cause and cannot eliminate occurrences of certain events, including, and Zero-X makes no guarantee or warranty, including any implied warranty of merchantability or fitness for a particular purpose, that the Zero-X equipment and services provided will detect or avert such incidents or their consequences.

Zero-X does not undertake any risk that you or property, or the person or property of others, may be subject to injury or loss if such an event occurs. The allocation of such risk remains with you, not Zero-X.

Other than the above product warranty for the Zero-X products, its suppliers disclaim all warranties of any kind, whether express, implied, or statutory, regarding the

Zero-X services, including any implied warranty of title, merchantability, fitness for a particular purpose, or non-infringement of third-party rights.

Because some jurisdictions do not permit the exclusion of implied warranties, the last sentence of this section may not apply to you.

Zero-X hereby further expressly disclaims all liability for any claims for service failures that are due to normal product wear, product misuse, abuse, product modification, improper product selection or your non-

compliance with all applicable federal, state or local laws.

This warranty and warranty disclaimer give you specific legal rights, and you may have other rights that vary by state, province, or country. Other than as permitted by law, Zero-X does not exclude, limit or suspend other rights you have, including those that may arise from the nonconformity of a sales contract.

For a full understanding of your rights, you should consult the laws of your state, province, or country. For our Australian customers: Please note that this warranty is in addition to any statutory rights in Australia in relation to your goods which, pursuant to the Australian Consumer Law, cannot be excluded.

6.3 LIMITATIONS OF LIABILITY

Under no circumstances will Zero-X be liable in any way for any content, including, but not limited to, the loss of content, any errors or omissions in any content, or any loss or damage of any kind incurred in connection with use of or exposure to any content posted, emailed, accessed, transmitted, or otherwise made available via Zero-X.

Zero-X liability for damages, especially for breach of duty or obligation, delay in performance, non-performance, or ma I performance shall be precluded, except when these are due to negligent breaches of any significant contractual duty or obligation on the part of Zero-X. Any liability for negligence is limited to direct losses usually and typically foreseeable in such case. Should the claim for damages be based on wilful or grossly negligent breach of contractual duty or obligation on the part of Zero-X, the preclusion and limitation of liability mentioned in the preceding sentences will not apply. The preceding preclusion and limitation of liability will also not apply to claims for damages arising out of loss of life, bodily injury or health impacts for which Zero-X may be liable, or for non-contractual liability.

Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Additionally, this provision is not intended to limit Zero-X's liability in the event of Zero-X's wilful or intentional misconduct.

CAPTURE THE ADVENTURE.

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