



80x100mm  
105g 铜版纸黑  
白印刷

## OWNERS MANUAL

# UHD 4K Action Camera

CAM-A400-F





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## INTRODUCTION

Congratulations on the purchase of your new camera.

This manual contains important safety and operating information. Please read all the information carefully before you use the device to avoid accidents and keep it for future reference. Follow these important safety and operation instructions.

## IMPORTANT SAFETY INSTRUCTIONS

- Press the buttons gently. Pressing too hard can damage the product.
- Do not subject the camera to heat source or impact to avoid damage.
- Do not attempt to dismantle or repair this camera yourself. Qualified personnel should perform repairs.
- Disconnect or remove all power sources from the camera



before cleaning.

- This product is not intended for commercial use. Household/personal use only.
- To prevent software failure, never disconnect the product from a PC while file transferring is in progress.
- Keep your camera clean (use a dry soft cloth to clean. Do not use alcohol, thinners or benzene to clean the surface of the product).
- Do not kink USB and video cable and do not install it over sharp edges.
- Do not disassemble this unit. To prevent the risk of electric shock, do not remove the cover. No user-serviceable parts inside. Refer servicing to qualified personnel.
- The USB cord for the device should be unplugged from the computer when the unit is left unused for a long



period of time.

Attention: We have done our best to produce a complete and accurate manual. However, we cannot ensure that there are no errors or omissions during the printing process.

## PRODUCT SPECIFICATION

- Sensor: 8MP
- Video Resolution: 4K (3840 x 2160) @ 30fps  
1080P (1920 x 1080) @ 30fps  
1080P (1920 x 1080) @ 60fps  
720P (1280 x 720) @ 120fps
- Still Image: 2MP, 5MP, 8MP, 12MP, 16MP
- Wifi connection
- 2" Preview Screen
- Ultra-Wide angle lens



- Waterproof to 30m with Case
- HDMI Output
- File Format: MPEG-4/JPG
- Expandable Micro SD Slot up to 32GB
- High-speed USB 2.0 interface
- Built-in rechargeable lithium battery 900maH
- Operation Temperature: -10°C to 40°C
- Storage Temperature: 15°C to 35°C
- Works with Windows 10, 8, 7, Vista and XP, Mac 10.2  
above

NOTE: As a result of continual improvements, the design and specifications of the product within may differ slightly from the unit illustrated on the packaging.



## CONTENTS

Please make sure that the items shown below are included in the package.

**Action Camera**



**Waterproof Case**



**Waterproof Case Mount**



**Bike Mount**



**Suction Mount**



**Camera Clip**



**Helmet Mount**



**Helmet Mount Sticker**



**Mounting Adaptor**



**Mounting Straps**



**Tripod Adaptor**



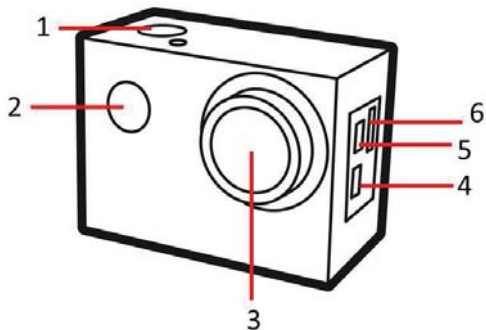
**USB Cable**

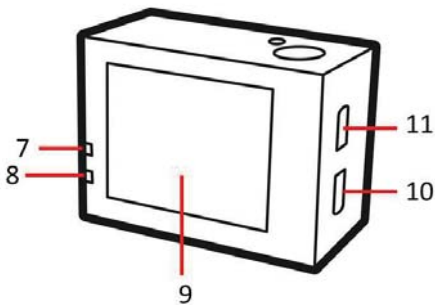




## GETTING TO KNOW YOUR CAMERA

### DEVICE OVERVIEW





1	OK Button	2	Mode Button
3	Lens	4	HDMI Output
5	USB Socket	6	Micro SD Socket
7	Top LED Indicator	8	Bottom LED Indicator
9	Preview Screen	10	Down
11	Up		

## GETTING STARTED

### BATTERY OPERATION

1. Make sure the action camera is turned off.
2. To charge the internal battery, connect the action camera with the USB cable provided to a computer or a 1Amp wall charger. (Please do not use a wall charger higher than 1amp as this can cause fire).
3. The top led indicator will flash red when charging.
4. The battery will become fully charged after approx. 3 hours.
5. Once fully charged the top indicator will light up red.
6. Estimated battery life recording on 720P/1080P/4K is up to 90 minutes, Recording with WIFI is up to 60minutes (different recording situations can affect the battery life).

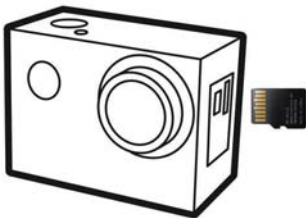


## INSERTING MICRO SD CARD

This action camera does not have internal memory.

A Micro SD (TF) card (Class 10) and above must be inserted for this action camera to operate and record, the camera will accept up to 32GB cards.

1. Turn off the action camera.
2. Find the Micro SD card slot, and then insert the Micro SD card.



## ACTION CAMERA OPERATION

### START-UP/SHUTDOWN

Press and hold the “Power” button for 3 seconds, the screen will turn on.






To turn the action camera off Press and hold the “Power” button for 3 seconds, the screen will turn off.

NOTE: The action camera has a power saving setting and will automatically turn itself off after 30 s of inactivity to save power (this can be changed in the setting menu)

### MODES

The camera has five different modes. Press the “Mode” button to switch between these modes.



	Video mode	Recording movie clips
	Capture mode	Taking still images
	Slow Motion	Slow motion video recording
	Playback mode	Viewing the recorded files
	Settings	Update Settings

## ACTION CAMERA SETTINGS

You can edit the cameras general and system settings before using the camera.

1. Press and hold “Power” button to switch on the action

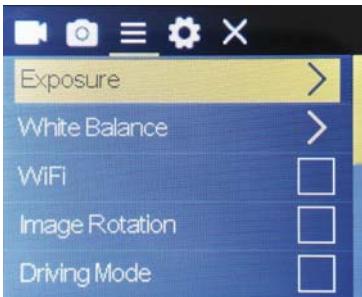
camera.

2. Press the “Mode” button until the settings menu will appear on the LCD screen.

3. Press the “OK” button to access the settings menu and the “Mode” button to toggle through the different menus.

4. Use the “Up” “Down” and “OK” buttons to make your selections.

### General Settings



<b>MENU</b>	<b>FUNCTION</b>
Exposure	-3, -2, -1, 0, 1, 2, 3
White Balance	Auto, Sunny, Cloudy, Incandescent Light, Fluorescent Light,
WIFI	Turns Wifi on, this will display the Wifi SSID and password
Image Rotation	If you need to mount your camera upside down, you can set the camera to save the photo or video upside down so that it appears right side up when you review it on your computer or TV.
Driving Mode	Turns driving mode on, when camera is turned on it will automatically start recording like a Dash camera.
Light Source	Light Frequency should be set depending

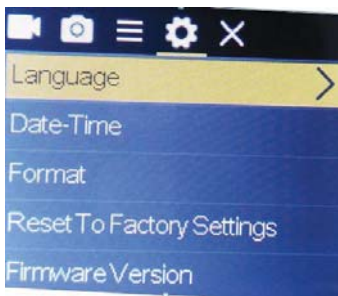




Frequency	on your region: For Australia please ensure setting is on 50Hz, for USA 60Hz
LED Indicator	Turns the LED indicator on the left of the camera's screen On and Off
Auto Screensaver	To save power, the camera's screen is turned off automatically after a period of time. When you select "close" that means the screensaver function is switched off <b>【10sec】 / 【 20sec 】 / 【30sec】 / 【Close】</b>
Auto Shutdown	To save power, the camera is turned off automatically after a period of time. When you select "close" that means the power save function is switched off <b>【1min】 / 【 3min 】 / 【5min】 / 【Close】</b>
Time Watermark	The date and time will appear on videos and photos.



## System Settings



MENU	FUNCTION
Language	Change the language of the camera
Date-Time	Sets the date and time for the camera.
Format	Format your SD card including protected files, removing the SD card during formatting may damage the card.
Reset	Restores the action camera to default


	settings
Firmware	Shows the software version of the camera

## VIDEO /SLOW MOTION MODE

1. Turn on the action camera; the camera should automatically

be set to video mode  when camera is turned on. To

record in slow motion press the “Mode” button twice and the

slow motion icon  should appear top left of the screen.

2. Press “OK” button to start recording.

3. The preview screen will display how long it has been recording for.

4. Press the “OK” button again to stop recording.

5. The action camera will stop recording automatically when the memory capacity is full. (While under the loop recording



setting, once memory capacity is reached, it will erase files taken from the beginning)

## SETTINGS IN VIDEO MODE

You can edit the cameras video settings before using the camera.

1. Press and hold “Power” button to switch on the action camera.
2. Press the “Mode” button until the settings menu will appear on the LCD screen.
3. Press the “OK” button to access the settings menu and the “Mode” button to toggle through the different menus.
4. Use the “Up” “Down” and “OK” buttons to make your selections.





MENU	FUNCTION
Video Resolution	Change the video resolution: <b>【4K 30FPS】/ 【2.7K 30FPS】/ 【1080P 60FPS】</b> <b>/ 【1080P 30FPS】/ 【720P 120FPS】/ 【720P 60FPS】 / 【720P 30FPS】</b>
Recording Sound	This will mute all audio sound while you are recording. If this setting is turned off your recording will have no sound.
Time Lapse	Enables time-lapse recording

	<b>【0.5sec】/【1sec】/【2sec 】/【5sec】/【10sec】</b> <b>/ 【20secs】 / 【30secs】 / 【60secs】 / 【Close】</b>
Loop Recording	While under the loop recording setting, once memory capacity is reached, it will erase files taken from the beginning. Set the loop recording time:  <b>【2min】 / 【 3min 】 / 【5min】 / 【Close】</b>
Slow Motion	Set the resolution for the slow motion mode:  <b>【1080P 60FPS】 / 【720P 120FPS】</b>

## CAPTURE MODE

1. Turn on the action camera; the camera should automatically be set to video mode when camera is turned on. Press the

“Mode” button once to change to capture mode



2. Take a still image by pressing the “OK” button.



3. After the image has been taken the LCD will display the image for a brief second.
4. The memory capacity in the top right of screen will decrease as each image is taken.

## SETTINGS IN CAPTURE MODE

You can edit the cameras capture settings before using the camera.

1. Press and hold “Power” button to switch on the action camera.
2. Press the “Mode” button until the settings menu will appear on the LCD screen.
3. Press the “OK” button to access the settings menu and the “Mode” button to toggle through the different menus.
4. Use the “Up” “Down” and “OK” buttons to make your selections.






MENU	FUNCTION
Photo Resolution	Allows you to change the image resolution: <b>【2M】 / 【5M】 / 【8M】 / 【12M】 / 【16M】</b>
Timed	Set the number of seconds for the camera to wait to take a picture. <b>【3sec】 / 【5sec】 / 【10sec】 / 【20secs】 / 【Close】</b>
Auto	The camera will continuously take photos at



	<p>the set interval. Press the “OK” button to take a photo and it will continuously take photos every so many seconds as per your selection. Press the “OK” button again to stop it.</p> <p><b>【10sec】 / 【15sec】 / 【20sec】 / 【30secs】 / 【Close】</b></p>
<p>Drama Shot</p>	<p>Each time you press the “OK” button it will take 3, 5 or 10 photos per second each time you take a photo:</p> <p><b>【3P/S】 / 【5P/S】 / 【10P/S】 / 【Close】</b></p>

## PLAYBACK MODE

1. Press the “Mode” button until you reach playback mode . Here you will be able to review all the files you have recorded.
2. Use the “Up” “Down” and “Ok” buttons to select the files you want to review.
3. To review the Video File press the “Ok” button to start playing the video file, to pause the video press the “OK” button. Press the “Mode” button to stop playing the video file.

## WIFI

The action camera comes with Wi-Fi function so you can wirelessly stream your video to your Smartphone or control your action camera by your phone.

Firstly download the free APP “OZtrail 4K” which can be downloaded from the iTunes store or Google Play store.



1. After the App has been downloaded and installed. Insert Micro SD card into the action camera.
2. Access the general settings menu of your camera and select WIFI, this will turn on the WIFI and show the WIFI SSID and Password

3. Now with your mobile phone, disconnect from any current wireless networks and search for a WiFi connection called OZtrail 4K and connect using password: 1234567890 (connect the same way you would connect to your home or work internet wifi, The LCD screen on the camera will turn black after a while to save power.)
4. Once connected successfully, open the OZtrail 4k App. And Select OZtrail 4K under the connected devices.



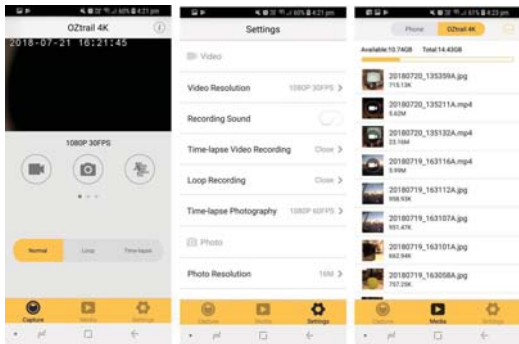


5. The main menu will now appear, you can control the action camera with the App to take photos, videos and



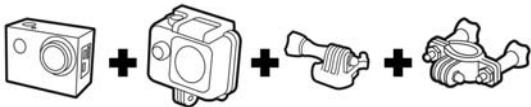
change different settings.

1. To watch the recorded videos you can do via the app or download these from the APP to your phone, then watch the video as per you normally would on your phone

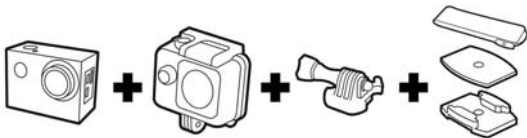


## USING THE MOUNTING ACCESSORIES

### Bike Mount



### Helmet Mount



### Dash Mount



## WATERPROOF CASE CARE INSTRUCTIONS

Before sealing the waterproof case, keep the camera housing's rubber seal clean, a single hair or grain of sand can cause a leak.

You can test by closing the case without inserting the camera.

Submerge the case completely in water for about a minute.

Remove the case from the water, dry off its exterior with a towel, and then open the case. If the entire interior is dry, the case is safe for use under water

After every use in salt water you will need to rinse the outside of the housing with non-salt water and dry. Not doing this can eventually cause corrosion of the hinge pin and salt build up in the seal, which can cause failure.

To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal into the grooves in the backdoor of the housing.





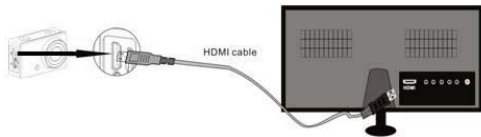
## CONNECTIONS

### CONNECTING TO HDTV

The action camera can be connected to a HDTV via a Mini HDMI cable (not supplied).

Note: Before connecting or removing the HDMI cable, please stop video recording, playback and disconnect Wi-Fi.

1. Connect the action camera to a TV via a Mini HDMI cable (not supplied).

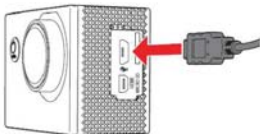


2. Turn on the TV and the action camera, and then set the TV to HDMI mode.
3. When HDTV is connected, the action camera screen will go

black and the TV will display what is shown on your camera. From here you can playback your files on your TV by following the previous steps in playback mode.

## CONNECTING TO COMPUTER

Insert the USB cable into the camera and the computer.



The screen will display 3 options:

<b>USB Mode</b>	View and export videos and photos to your computer.
<b>PC Camera</b>	Use the action camera as webcam
<b>Charging Mode</b>	Charge via your computer

Note: when watching the videos on your computer, please ensure you are using the latest version of your media player.

## TROUBLESHOOTING

<b>Problem</b>	<b>Solution</b>
The exposure from the sun makes my images not good.	Place your camera in a North or South facing location this will help to prevent exposure issues from the sun.
SD Card not capturing images/video	Please check that your SD is suitable and format it before using
I cannot upload images to the PC	Check all cable connections are secured.



<p>The product does not respond</p>	<p>Reset the camera by removing the batteries for 1 minute, then put the batteries back and turn on.</p>
<p>The video files are very slow and bad resolutions when playing on my computer</p>	<p>Please ensure you have downloaded the latest version of your media player, or try such programs as VLC media player, Windows media, QuickTime.</p>
<p>My phone cannot play the recorded video</p>	<p>Download the video to your phone, Ensure your phone has the latest video player, otherwise try to download another video player for your phone</p>
<p>Cannot connect to mobile App</p>	<p>Check to make sure you have connected to the Action Camera's Wi-Fi. Or turn camera off and on</p>



	and connect the Wi-Fi again following the steps.
There is no sound on my recording	If recording while in the waterproof case, there will be no sound or you have changed the meu setting for audio in recording

## WARRANTY

OZtrail warrants this product against defects for a period of one year from the date of purchase. OZtrail will repair or replace the product, at its discretion, should a warrantable defect arise within the warranty period. If the exact model is unavailable a model of equivalent nature will be substituted at our discretion. This warranty excludes faults and failures caused by improper use and abuse; fair wear and tear; or failure to follow instructions regarding care and maintenance. Products used for a commercial nature are not covered by this warranty against defects. A warranty may be claimed by returning the product to its place of purchase, with a detailed proof-of-purchase clearly showing the date and detail of the purchase.



You may also contact OZtrail Leisure Products, by phone: 1300 362 921, in writing: PO Box 1110, Eagle Farm QLD 4009, or by email: [warranty@oztrail.com.au](mailto:warranty@oztrail.com.au). The benefits under OZtrail's warranty against defects are in addition to other rights and remedies under law in relation to goods.

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 for 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.

For more detailed information and an explanation of these terms see [www.oztrail.com.au/warranty](http://www.oztrail.com.au/warranty)



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