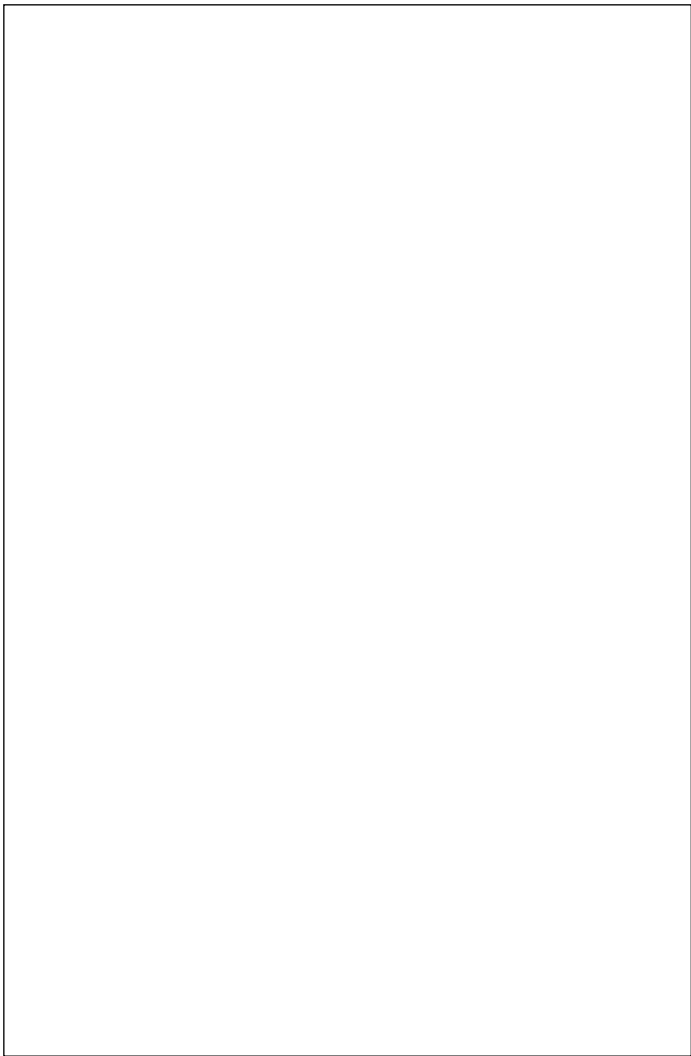# oxYdia
Action Camera

User Manual

Full HD 1080p - 10m Waterproof - 140° Wide Angle Lens - H.264

oxydia action camera provides simple operation, allowing you to capture all those memorable moments. Its robust design, encased in a stylish black metal finish, provides a durable, waterproof action camera ideally suited to bikers, skiers, surfers, hunters or any other activity that requires hands free operation. Record your video in clear 1080p resolution and simply download from the micro SD card onto PC/Mac.
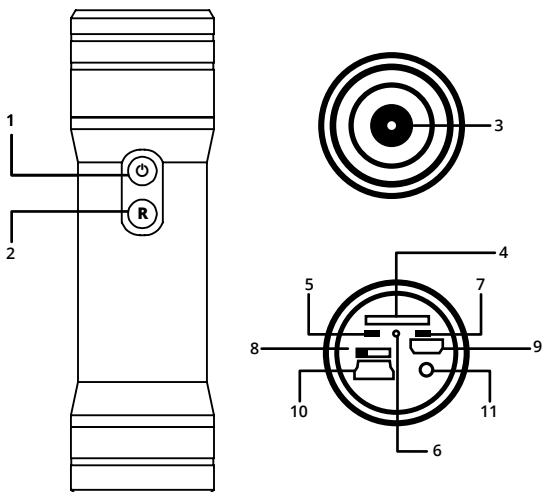
Content

Precautions

1. Do not use the camera in extremely hot, cold, dusty or damp environment.

2. The camera is shock resistant, NOT shock proof. You should avoid dropping it.

3. This camera is waterproof, but do not use it over 10 meters underwater. Also before using underwater, check the O-rings, make sure the front & rear caps are closed tight, avoiding any damage in water.

4. The camera needs a micro SD card to work, insert card before using.

5. The life of battery varies according to the environment. A colder environment will drain the battery faster. Normal operating time is 2 hours.

6. Check and charge the camera when you do not use it for long period of time.

7. Do not disconnect the camera from PC during uploading or downloading, it may damage videos or the camera.

8. We will not take responsibility for the data lost problem, which can be caused by camera damage, repair or any other reasons. Follow user manual and backup your data.

9. Do not take apart the camera yourself, this will break the tamper seal and void our warranty. If you have any question or problem, please contact your dealer.

10. Do not use the camera in very dark or strong light, the image may not be so good, and that act may even hurt Lens.

Diagram

1. Button ⏻ On Off Power Indicator

2. Button **R** Record/Stop Recording Indicator

3. Lens

4. Card Slot

5. Mic Switch Button (D)

6. Mic Indicator (E)

7. Reset Button (F)

8. Resolution Switch

9. HDMI output

10. USB Connection

11. A/V Output/Mic-In Connection

Features

- 1080p HD digital recording with audio

- 720p@60FPS & WVGA@60FPS are selectable

- Low illumination, can take good image even in dusk

- H.264 compression, records approx 6:30 hours 1080p videos on a 32GB micro SD card

- Rechargeable Li-ion Battery - more than 2 hours recording time

- Built-in microphone, also support external MIC-In to get high quality voice recording

- Supports recording while charging

- Overwritten recording option

- Robust aluminum alloy casing, Shock resistant

- Waterproof, support working 10 meters underwater

- Date/Time stamp on digital video option

- Built-in vibrator

- Supports real time video output

- HDMI output, high definition Image playback on TV

Quick Guide

Insert Memory card

1. Inserts your micro SD or micro SDHD card (not included in package, a Class 4 micro SD Card will work just fine for this unit but you can use class 4 and above) into the camera with the card's printed side up.

2. Gently push the card into the card slot until it locks in place.

3. To eject the card, gently push the card to release.

Record

1. Keep the micro SD card in card slot.

2. Select the video resolution you prefer on back panel, then close rear cap.

3. Press and hold button $\circlearrowleft$ until vibrator shakes then release and wait 2 seconds, two indicators turn on, $\circlearrowleft$ is red, **R** is green. The camera now is in standby.
   Attention: It will turn off automatically alter 5 minutes if no further action is taken when standby.

4. Press button **R** shortly, the vibrator shakes then green indicator flashes, the camera is now recording.

5. Press button **R** again, green indicator stops flashing and vibrator shakes twice, camera stops recording and saves video file automatically.

6. Press and hold button $\circlearrowleft$ in standby mode until vibrator shakes, the camera turns off.

External MIC-In (With optional microphone)

1. Keep the micro SD card in card slot and turn on camera.

2. Unscrew rear cap, insert external microphone into camera.

3. Press MIC switch button on back panel (with D mark), MIC

indicator (with E mark) turns on, now the voice recording will be via external microphone, internal one does not work at same time.

Attention: If no external MIC is inserted, or MIC is not recognized, MIC switch and indicator will not work.

Playback on Computer

1. *__Make sure the camera turns off__*, keep the card in, then connect camera with computer by USB cable provided In package.

2. It shows "Found new hardware" on computer (note this can take up to 30 seconds).

3. Open Removable Disc on computer, you will see video files. Transfer to your computer to play the files. You can copy or delete the files from the card.

4. Safely remove hardware and eject the disk, take out the camera from computer.
   Remarks:
   This camera saves videos by MP4 format, can be played by Windows Media Player™ & Quick Time™ player directly. This camera records full HD videos, high bit rate. If playback is not smooth, try other players or higher configuration computers.

Real Time Video Output

1. Unscrew the rear cap, connect the camera and monitor/TV/other display device with the RCA video cable provided.

2. Turn on camera, the video will output real time. You can adjust the camera installation, see what image you take on display while recording.

3. Unplug the cable when you do not need, do not forget to screw the rear cap well.

Playback on TV (With optional HDMI cable)

1. Unscrew the rear cap, connect the camera and TV with the HDMI cable provided.

2. Turn camera into standby, the video will output real time.

3. Press and hold Button **R** 2 seconds until video file list displays on TV, it is in playback mode now.

4. Select the file by Button **R** play or pause it by Button ⏻.

5. During playing,

    - Press Button **R** shorty, it will automatically jump to the next file starts playing.

    - Press and hold Button **R** 2 seconds, the camera will return Video file list.

6. In the video file list interface, press Button **R** 2 seconds, the camera will return lo standby mode.

7. Then press and hold Button ⏻ approx 3 seconds, the camera turns off.

Charging

1. Connect the camera to your PC/laptop/USB charger by using the USB cable provided.

2. Once connected the red indicator on camera will turn on then flash, the unit is charging now. (Also recording while charging if you set AutoRecord=Y, please refer to "*Other settings*")

3. After around 3-4 hours when it stops flashing, it is full charged.

4. Remove the camera.
   Attention: 5 minutes after full charged, the camera will turn off all indicators automatically if you do not remove it.

Set Date/Time

1. Create a new ".txt" file, name it as "time.txt"
2. Set the correct date and time into the file according to the following format: **2012/10/01 08:55:00**
   2012 is the *year*, **10** is the *month*, **01** is the *day*, **08** is the *hours*, **55** is the *minutes*, **00** is the *seconds*.
3. Save file and immediately copy it into micro SD card.
4. Remove camera from computer, restart and record, the date and time are set up successfully.

Other Settings

1. Insert the card, turn on then turn off the camera, it will create the setup fie on card automatically.
2. Connect the camera with computer by USB cable.
3. Open the removable disc, find the file named "set.txt" in card.
4. Timestamp=Y
5. MaxRecordTime=30
6. AutoRecord=N
7. CycleRecord=N
8. Set **TimeStamp**, **AutoRecord** and **CycteRecord** by "Y" or "N".
9. Set **MaxRecordTime** as 1 to 60 minutes, or "N" will disable time limitation and 3.6GB will be the file size limit.

Timestamp = Y	With date/time stamp on video records.
Timestamp = N	Without date/time stamp on video records.
MaxRecordTime	Video recording section, support 1 to 60 minutes. Standard is 30 minutes. "N" will disable time limitation and 3.6GB will be the file size limit
AutoRecord = Y	Auto mode, record when camera is switched on, save then stop when camera stops.
AutoRecord = N	Manual mode, press button to record.
CycleRecord = Yes	Overwrite files in front and continue recording automatically when card is full.
CycleRecord = No	Stop recording then turn off when card is full.

Trouble shooting

Q: It does not work, what shall i do?

A: 1. Check if it has power.
2. Check if card is in.
3. Change another card for try or reset the camera.

Q: It is not able to charge, what should I do?

A: 1. Try to change another USB cable or AC adapter.
2. Try to reset.
3. Take the card out to try again.
4. Contact seller for help.

Q: How can I know the card is full?

A: The green indicator flashes quickly, vibrator shakes six times then camera turns off automatically. That means the card is full.

Q: How can i know the power is low?

A: The red indicator flashes quickly, vibrator shakes four times then camera turns off automatically. That means no enough power to work.

Q: The camera is hot when using, what should I do?

A: As the camera is aluminum alloy waterproof sealing structure, hard to be cooling itself, but that can be normal, no security issue. Do not worry.

Q: The video and audio is out of step when play on PC, why?

A: 1. Copy the video files to computer, then try again.
2. Check if your player is latest version,update or try to play videos by other players, such as VLC Media Player™ and Storm Player™.

Specifications

Image Sensor	1/2.5 inch CMOS
View Angle	140 degrees
Recording Resolution & Frame Rate	1920x1080 (1080p)/30fps 1280x720 (720p)/60fps 848x480(WVGA)/60fps
Video format	MP4
Compression	H.264
Video File Size	12Mb/second while 1080p 8Mb/second while 720p 8Mb/second while WVGA
Video Recording Section	1 to 60 minutes or 3.6GB max
USB Interface	USB 2.0
Memory	No flash built-in, support micro SD card up to 32GB (not included)
Battery Capacity	1000mAh
Battery Working Time	2 hours
Battery Charging Time	3-4 hours
Dimension	100x30x30 mm
Weight	95 grams
Alert	LED + Vibration
Storage Temperature	~20°C~60°C
Working Temperature	~10°C~50°C

N.B.: Design and specifications are subject to change without notice.

Accessories

Suction Cup Mount	
Arm Band	
Head/Chest Strap	
Velcro Mount	
Handlebar Mount	
Second Handlebar Mount	
Scope Mount	
Adhesive Helmet Mount	
Camera Holder Ring	

Band Mount	
Car Lighter Charger	
External Microphone	
Video Output Cable	
USB 2.0 Cable	
HDMI Cable	
220V Wall Charger	
Carrying Bag	

Notes

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