

Notice:

Before using the camera, please read the following safety precautions;

Please follow the instructions of the manual to operate the camera correctly: such as illegal operation may cause damage of internal components.

Do not fall or hit this product, otherwise easy to cause damage to internal components.

For safety consideration, the product and its accessories as far as possible be away from the kids or animals to avoid accidents.

Do not put the camera for a long time in wet or dusty environment. May cause the leakage or cause fire.

Please do not put the camera for a long time at high temperature condition, such as exposure, may cause the camera casing and damage internal components.

To maximize battery efficacy, we suggest you use this production under -10 to 70 degrees temperature.

Before plug the memory card, please make sure the camera was turned off, avoid cause CARDS or store data is damaged.

Camera is in use for a period of time temperature ,it is normal phenomenon.

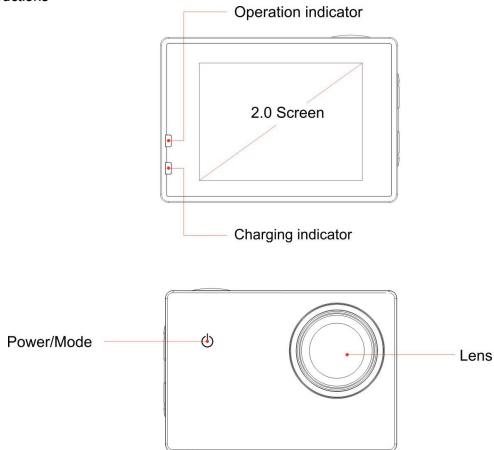
When using do not touch the lens, avoid affecting the video results.

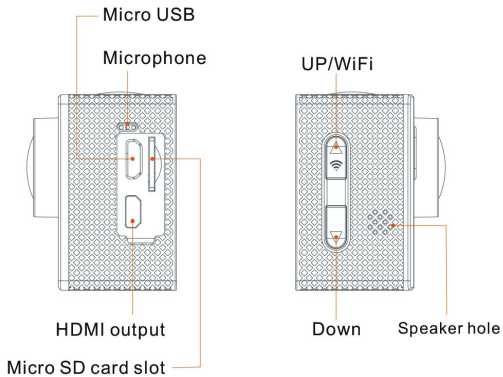
Please use a hair dryer (special lens blowing equipment) clean the lens or use special rotating lens wiping cloth to wipe the lens, clean surface fingerprints or dust.

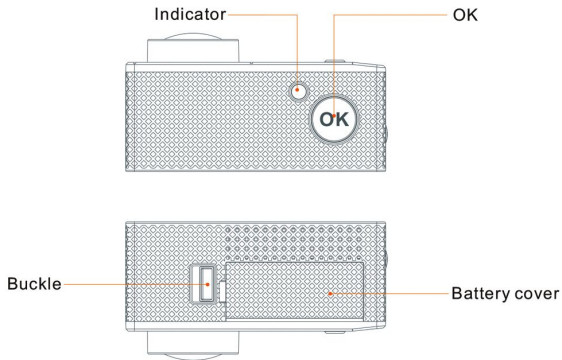
Operating instructions

1.Operation interface

Interface instructions









×1

Waterproof Case



×1

Fixed Base



×1

Protective Door
(Not Waterproof)



×1

Fixed Base



×2

Bandages



×1

Back Clamp



×1

Back Clamp



×1

Adhesive Mounts



×2

3M Adhesive
apes



×1

Batteries



×1

Bicycle Stand



×1

Base



×1

Adapter



×4

Ribbons



×1

Data Line



×1

Wire Rope



×1

Switch Support 1



×1

Switch Support 1



×1


Switch Support 1




×1


Cleaning cloth

2.Button function introduction

Power key():For the camera on or off: when video, click this button to capture images. stop the camera and photography; In the menu mode, click this button to return to the interface of photo or video.

OK Button (**OK**) For camera, stop the camera and photo; For streaming movies and on TV, in the system Settings to enter /confirm the menu options.

Up Button () In the process of standby or video to enlarge the image; In the menu Settings in the options on a file or a menu. Used for fast rewind play when in playback mode.**Also, on standby mode, click this button to open or close WI-FI.**

Down Button () In the process of standby or video for narrow image; Under the menu Settings select a file or a menu. Used for fast forward play when in playback mode.

3. Battery Charger

Connect the charger to camera USB interface, and then insert the charger power, when charging the red light bright, full of red light when go out.

Warm tips:

In order to improve the charging efficiency, please charge under the shutdown state.

Please make sure the charger and outlet has electricity.

4. Insert and remove the memory card

1) Insert the memory card: put the card into the card slot , press then fastening.

2) Remove the memory card

5 . Open and close the camera

Open the camera

Press and hold the power button for 3 seconds, the machine sends out the sound and the work indicator light, LCD shows the boot screen after the boot (default is the circulation of the state), LCD screen shows photography, exposure compensation, Recording icon, the right shows the remaining time, resolution, card symbols, battery symbols, below the display date / time.

Shutdown

Press and hold the power button for 3 seconds on the state of the switch, hear a sound and display shows the off LOGO, then off.

Video

Loop-Record

Press the power button on the phone or connect the charger will hear a sound, the machine automatically into the video, the green work lights flashing, the LCD screen above the video icon and Recorded time. When Recording to 3 minutes, the camera will automatically stop Recording and save the file and continue Recording. Press a "OK" button to stop the video and save the video file, and the remaining time of the LCD screen is displayed. When the storage card Recorded in full, the camera will automatically overwrite the first file to continue the video, and so on.

Note: enter the video menu can choose different cycle Recording time, see menu settings.

Normal Record

Into the video menu will be "loop video" set to "off", press the "OK" key machine to start the video, and then press a "OK" button to stop Recording and save video files.

The compressed video

Enter the compressed video menu set time interval for a second. Press the "OK" button to start the video, and then press the OK button to stop shooting. When played back, the Recorded video is playing fast (faster than normal). You can use this feature to capture the progress of the construction project, weather changes, the process of the flower and so on.

To restore to normal Recording, please again, press the **"OK"** button to pause, the time-lapse video "is set to" off "can be restored to normal video.

Note: enter the compressed video menu can choose different time-lapse Recording time, see the menu settings. This feature is only suitable for long video use, when set to 1 second, the video time can not be less than 1 minutes.

Motion Detection

In the "loop-Record" set to "off" state, and the "motion detection" select "30 seconds" (time optional, see menu settings), confirmed after exit, the interface shows "press OK key for motion detection", press "OK" key to confirm the status of motion detection, the interface shows "motion detection..." , when the machine detects a moving object, the machine will automatically start the camera, when no object is moved automatically after 30 seconds (according to the set time) and continue to monitor, the screen continues to show motion detection..." Go round and begin again. To stop motion detection in the middle of the way, please press the "OK" button to stop, the interface is still displayed "press OK key to motion detection". If you need to continue the investigation, and then press a "OK" button to enter the state of motion detection. If you want to cancel this feature, please enter the menu settings, and the motion

detection is set to turn off.

Note: video, video compression, circular motion detection function can only open a three.

Capture

Press the power button on the video capture process can be carried out on a video image process.

Note: in the capture, video continues, can view to capture image browsing.

Take photos

Normal photograph

In standby mode, press the power button to switch to the camera mode, LCD left to display pictures, exposure compensation, white balance, ISO icon, the right side of the picture can take a picture of a number, pixel, image quality, card symbols, battery symbol icon. Press "OK" button to take pictures, and automatically save the photos taken.

Shooting mode

In the menu settings, select the shooting mode, and then select the time to take the time: a single /10 seconds /30 seconds /3 seconds, confirmed after exiting the menu, press the OK button machine will take time to take pictures and automatically save the selected time.

Note: when you want to stop taking pictures, please press the "OK" button again, or "shooting mode" to "single shot" to resume normal camera.

Automatic camera

Select the "automatic camera" (time: 3 seconds, 5 seconds, 10 seconds) after the confirmation of the exit, press the "OK" button machine will automatically take pictures. "Automatic camera" select "off", you

can resume normal camera.

Continuous function

Select "burst" and selected (3 continuous or 10 shooting) to confirm after exit, press about the "OK" button, the machine will according to parameter settings; continuous shooting 3 or 10 and photos will be saved automatically. "Shooting" select "off", to restore the normal camera.

Quick Preview

Select "quick preview" and select "2 seconds" (time optional: off /5 seconds /2 seconds) to confirm after exit, each click "OK" button to take a picture of 2 seconds after the preview to return.

6.Zoom

In the camera, video mode of standby state or video , long Press ◀ / ▶ the image can be enlarged or reduced, the maximum can be enlarged to 4 times.

7. Playback mode

In standby mode, press the twice "mode" button to enter playback mode, press ◀ / ▶ key to select preview video files and pictures, select the video file to press the "OK" button to start playing; press "OK" button to pause the playback process, to continue to play again "OK" key

In play in the process of click "▶" fast forward playback, maximum 8 times of fast forward, press the "OK" button to stop the fast forward playback; click "◀" into rewind playback, highest can rewind 8 times, press the "OK" button can stop the fast forward playback.

8.Delete and Protect file

1) in playback mode, press "menu" button to enter delete mode, press ◀ / ▶ key to select "delete"

and then press "confirm" button to enter, select "delete current" as delete sheet; select "delete all" to remove all photos; do not need to delete select "Cancel", press "confirm" return menu to set up next.

2) protection file; select "protection", according to "OK" after the confirmation, press

◀ / ▶ key to choose "add lock the current" "unlock the current" "all lock" "all", and then press "OK" to confirm and return to the menu to set up the next.

slide show: select "slide show", press "OK" to confirm, press ◀ / ▶ key to select "2 seconds" "5 seconds", "8 seconds", then press "OK" to confirm the beginning of slide show, press a button to return to the playback state.

Warm Tips: the first use of the TF card, please first in computer format and format allocation unit selection 32K or 64K format, or in the machine formatted before use.

9.Menu Settings

In standby mode, press the menu key to enter the video settings, press the menu key to enter the system settings, press ◀ / ▶ key to select the settings option, press the "OK" button to confirm.

Setup

Resolution: UHD 24FPS/QHD 30FPS/FHD 60FPS /FHD 30FPS/HD 120FPS/HD 60FPS/HD 30FPS /
WVGA 30FPS /VGA 240FPS

Loop video:3 minutes /5 minutes /10 minutes

RSC:ON/OFF

WDR: on/off

Time-lapse Record:OFF/100ms/200ms/500ms/1sec/5 seconds

Motion detection: ON/OFF

Record Audio: off / on (default is ON)

date Stamp: ON/OFF

FOV:170°/140°/110°/70°

Diving mode:ON/OFF

Night Scene: ON/OFF

Capture Mode:Single/2S Timer/5S Timer/10S Timer

Image Size:20M 5120*3840/16M 4608*3456/12M 4032*3024/10M 3648*2736/8M 3264*2448/5M
2592*1944/3M 2048*1536/VGA 640*480

Burst:ON/OFF

Quality:Fine/Normal/Economy

Sharpness:Strong/Normal/Soft

White Balance:Auto/Daylight/Cloudy/Tungsten/Fluorescent

Color:Color/Black&White/Sepia

ISO:Auto/100/200/400

Exposure:-2-----+2

Anti-Shaking:ON/OFF

Delete>Delete Current/Delete All

Protect:Lock Current/Unlock Current/Lock All/Unlock All

WIFI:ON/OFF

WIFI SSID : *****

WIFI PWD : 12345678

Date/Time:2015/01/01

10:10:00

YY/MM/DD

Auto Power off:OFF/3min/5min/10min

Beep sound:ON/OFF

CAR ACC : ON/OFF

Language:ENGLISH/FRANÇAIS/ESPAÑOL/Portuguese/DEUTSCH/ITALANO

TV mode : NTSC/PAL

TV output: off / on

Screen Save: OFF/30Sec/1Min /3Min

Frequency: 60 HZ / 50HZ

Format: SD card (cancel/ confirm)

Default settings: cancel / OK

Version: *****

10 . WIFI function instruction

Download the APP client and install it to the smart phone.

About the application of APP software, Android mobile phone, please sweep the two-dimensional code

using a mobile phone. (not to be used by WeChat)

When Apple phone connect WLAN, searching **ZSANYCAM**, click install. After the installation of the mobile phone, the interface will appear a APP application icon. Click to enter the APP "**ZSANYCAM**" interface (see APP for details).

WIFI SSID Password Change

In standby mode, press twice the "menu" button to enter the system settings, press

◀ / ▶ and select the "SSID WIFI" menu , press "OK" menu to change WIFI name (note: changing the name , please Press the "menu" button to move the cursor, press◀ / ▶ key to change the letter, press "OK" key to confirm),first move the cursor to "delete", and then press "OK" key to delete the default name, lastly move the cursor to the "letter"(like A ,a ,0),press◀ / ▶ key to change the letter, and then press "OK" to confirm. Keep doing this until finish changing, move the cursor "return", and then press "OK" to confirm, and then next step.

WIFI password change

The operation method is the same as the "SSID WIFI" name change, password at least 8 characters, modify the completion of the next step. (password default: 12345678)

The open WIFI function

Select the "WIFI" menu, press "OK" button to enter, select "open", the screen will show the WIFI icon, and instantly into the open state after the upper left corner of the screen WIFI icon, SSID:*****, PWA2:*****, below the left button to return". At this time to open the phone to set the WIFI function, to find a new set of WIFI name of the network, the connection after entering the new WIFI password and

confirm the connection, the connection after the success of the LCD on the Connected/ display MAC:***** WIFI, the following is the left button". At this time to open the phone has been installed a good APP client, and search to add the camera ID code, and press the prompt to enter the password again, after the completion of the camera and video operations can be performed. (please refer to the APP operating instructions)

13.The use of television viewing file

1) Connect HD TV

On the state of the machine, the HDMI line of the machine is connected with the high definition TV, and the other end is connected with the output port of the HDMI, the TV is adjusted to the HDMI state, and the operation on the machine can be displayed on TV.

Note: VGA240fps, 720P120fps, HD video, other resolutions can be video.

2) Connected ordinary TV.


On the state of the machine, the TV line of the machine is connected to the ordinary TV, the other end is connected with the USB output port, the TV is adjusted to the TV state, and the "TV output" is set to open. The machine LCD screen is closed and all operation is converted to the TV display and operation. Exit TV mode, the TV screen operation, enter the machine menu settings, the TV output is set to off, this time the machine LCD screen OKovery.

Note: TV line for the matching accessories. Only the output of the image, not with sound output.

14.Use the computer to view the file

After the machine is connected to the computer with the USB line, the LCD screen displays "memory" and "camera" press ◀ / ▶ key to select "memory" and then press "confirm" key to confirm. On the "my computer" to open the removable disk appear folder CARDV, double click the 2 folders MOVIE and PHOTO, select any folder, open the view of the corresponding file.

15 .Open the camera

After connecting the machine with the USB line, the LCD screen displays "memory" and "camera" press ◀ / ▶ key to select "camera" and then "OK" key to confirm. On the "my computer" to open  视频设备, then is ok.

16.Specification:

Specification	
Image Sensor	12 Mega Pixel Sony cqm
LCD	2.0" LTPS Screen

Image resolution	20M 5120*3840/16M 4608*3456/12M 4032*3024/10M 3648*2736/8M 3264*2448/5M 2592*1944/3M 2048*1536/VGA 640*480
Video resolution	4K @ 24fps, 2K (2560*1440)@ 30FPS
	1080P(1920*1080)@ 60FPS, 720P (1280 x 720) @ 120FPS, VGA @ 240fps
Default resolution	Video:1080P / Picture:4032*3024
Image/Video file format	Video format: MP4 / Image format:JPG

Zoom	5x digital zoom
Lens	Adjustable wide-angle fish-eye lens Adjust between 170°&70°
Memory	Slot for Micro SD card up to 32 GB *Selected 64gb & 128gb Cards
OSD language	ENGLISH/FRANÇAIS/ESPAÑOL/Portuguese/DEUTSCH/ITALANO
Connections	USB 2.0 , HDMI (HDMI Certified)
Battery life	80 minutes(1080P)

Battery	Battery Detachable 1050mAh
Dimensions	61×42.4×25 mm
Weight	58g (without batteries),74g with batteries
Accessories	waterproof case, waterproof case bracket, waterproof case clip, bike bracket, multifunction clip, camera clip, helmet seat, bandages, cleaning cloth, 3M stickers, USB cable, bracket adapter, manual etc.
Applications	Extreme Sports, Outdoor Sport Activities, Bicycle, Car DVR, Diving, Home security etc

FCC 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.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.