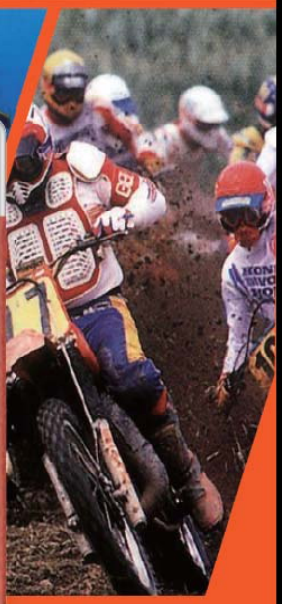
# Explorer S



## User manual

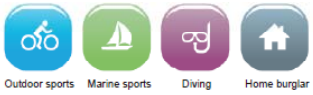
## Operating note

1.This is a high-precision product, please do not let it fall or strike.
2.Please do not let the camera close to the objects with strong-magnetic, such as magnet and power-driven machine. In addition, please also avoid closing to the objects which can launch strong radio wave. Because the strong magnetic field may cause product breakdown or destroy the image and sound.
3.Please do not put the camera in the place with high temperature or direct sunshine.
4.Please choose the Micro SD card with brands, because ordinary card can not be guaranteed for using regularly.
5.Please do not let the Micro SD card put in or close to the places with the strong-magnetic in order to avoid losing the data of the Micro SD card.
6.During the process of charging up the battery, if the product gives out heat and smoke or gives off peculiar smell, please immediately unplug the power to avoid the fire.
7.when charging up the battery, Please keep it out of reach of children, because the power cable may cause the children stifle or suffer from electric shock.
8.Please stored the product in dry, cool and insulated places.

## Foreword

The product is a high-end high definition and athletic camping product . And the product has many functions, such as digital video, slo-mo photo, sound video output and removeable battery.
Besides, it is perfect for outdoor sports, home security and underwater shooting.

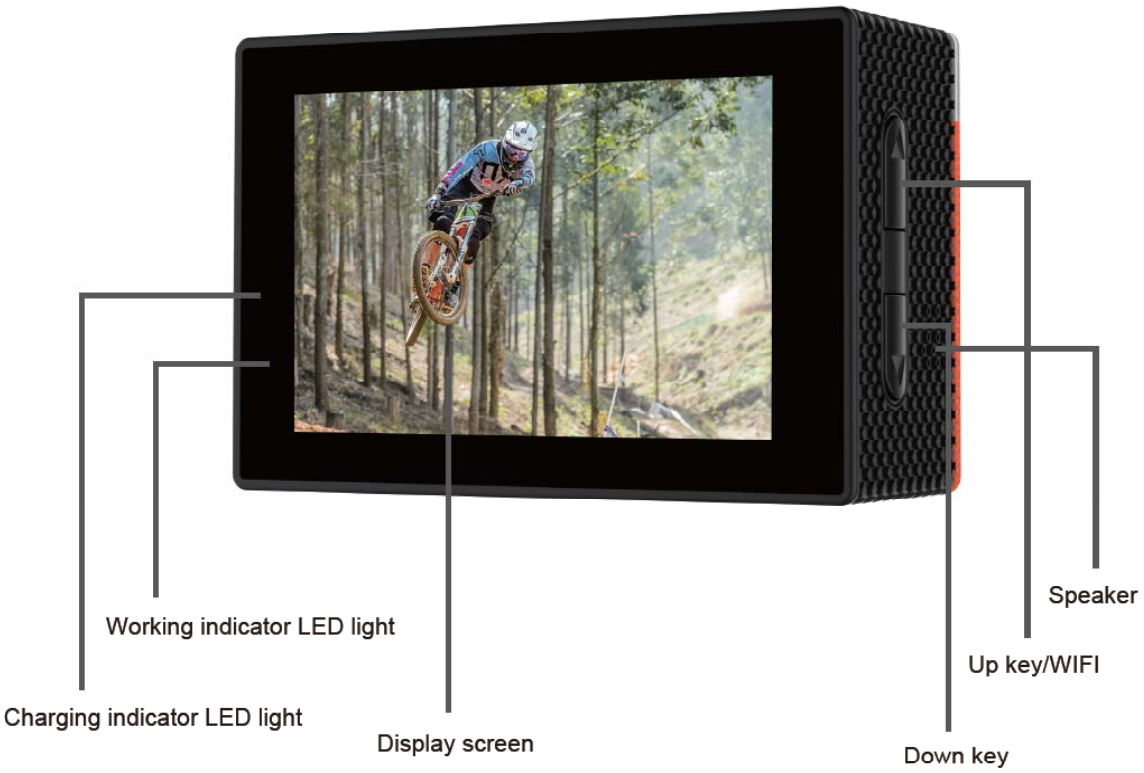
Multipurpose

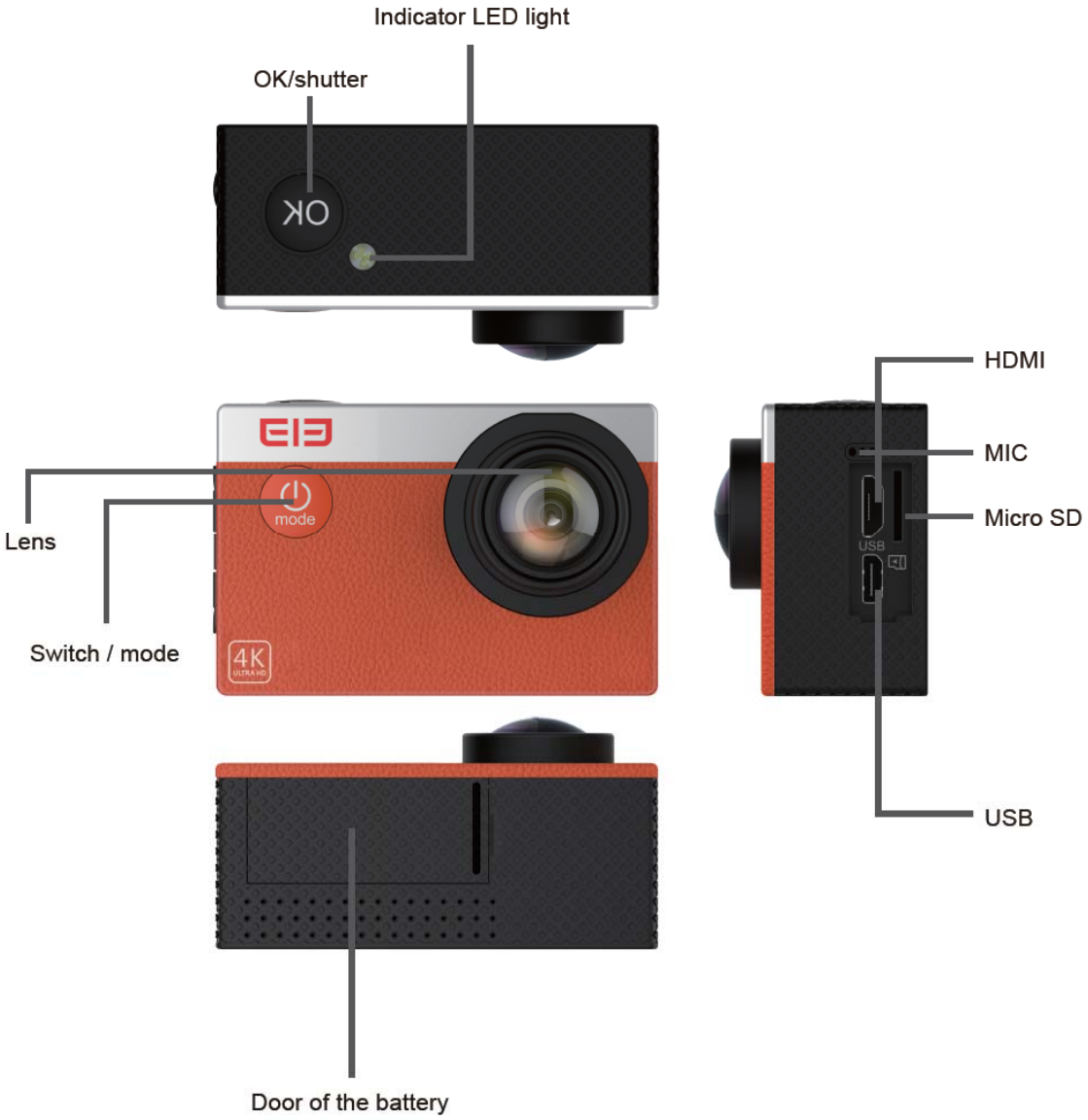



## Product Features

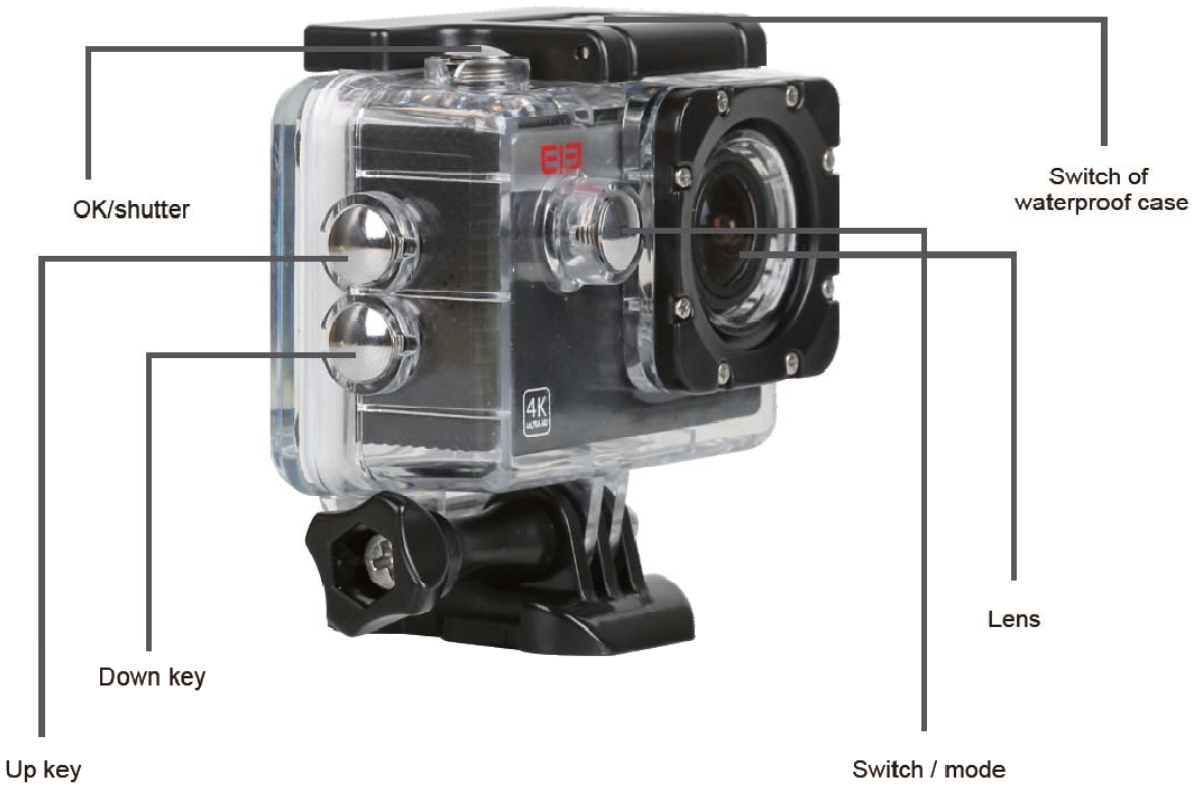
>The housing is waterproof to a depth of 30 meters. It is very convenient to shoot underwater.
>Photography
>Slo-mo photos
>4K@30fps videos
>Wide-angle 170°HD camera lens.
>16-megapixel HD
>Low power consumption, battery life up to 90 mins with wifi switching on.
>Ultra-HD 2.0-inch display.
>Removeable battery. Easy to charge.
>Charge up the battery and get a video at the same time.
> HDMI: high definition output.
>Support 64G memory card.
>Many formats of recording video:4K, 2.7K, 1080P, 720P
>H.264 formats record video
>Many photography modes: common, timing, automatically, sports trail
>Many record video modes: common, loop, stop-motion
>Small size, multiple color options
>Support APP upgrade for long-distance

## The diagram of product:




Indicator LED light
OK/shutter
OK
HDMI
MIC
Micro SD
USB
Lens
mode
Switch / mode
4K
ULTRA HD
USB
Door of the battery

## The diagram of waterproof:



## The diagram of accessory:

waterproof case

bicycle bracket

pedestal 1

pedestal 2

Back clip

fixed base

switch support 1

switch support 2

switch support 3

commutator

helmet pedestal

bandage

shell

ribbon

3M mat

wire cable

data cable

user manual

cleaning cloth

## Application diagram of assemble:

helmet pedestal  pedestal 1  long pole  waterproof case

camera

helmet pedestal  pedestal 1/long pole  short pole/support 3  short pole/support 2  waterproof case

bicycle bracket /long pole  long pole/support 3  waterproof case

camera  back clip  clip

## Guide of operating

1.plug the Micro SD card
Attentions: please choose the Micro SD card with the brands and use it after formatting on the computer. Ordinary card can not be guaranteed to work regularly .
2.install and take out the battery
a.stir downward the battery cover and turn on it.
b.according to the plus-minus pole and the arrow on the battery, take the battery into the product and install it correctly.
c.the quantity of electricity of the battery: please reference the diagram.
d.stir downward the battery cover then take out the battery
3.charge up the battery
a.use the USB cable to connect the computer or the adapter to charge up the battery.
b.charge up the battery and record video at the same time.
c.charging up the battery is available when the product is power off.
4. Power on and power off the camera
a.press the power key for about 3-5 seconds then power on/off
b.open the screen then power on and close the screen then power off.
5. Open/close the WIFI
a.open the WIFI: shortly press the up key then open successfully,the LED light turn to flashing yellow light.
b.close the WIFI: after opening the WIFI,shortly press the up key, the yellow light is black out.
6.change the mode
Power on then shortly press the key of the power on/off, you can change the modes between record video/photo/slo-mo /playback file and setting.
7.The LED light
The LED light of working: the blue light is at work.
The LED light of WIFI: the yellow light flashes when WIFI is opening; the yellow light is bright when WIFI is connected;the yellow light turns off when WIFI is closed.
The LED light of charging up the battery:the red light is bright when the product is charging up the battery; the red light turns off when the quantity of electricity is enough.
8. How to take photo/video and Settings
a. Photography and video settings
The camera gets into video mode, press the Enter key to start recording. When recording , the bottom • sign is flashing then press the Enter key to stop recording while • mark disappears.
Video Mode: Normal, loop recording (2 minutes, 3 minutes, 5 minutes), time-lapse video (0.5 seconds, 1 second, 2 seconds, 5 seconds, 10 seconds, 30 seconds, 60 seconds).
b.take pictures and picture-taking settings
Turn the power on, when the camera enters the mode option to select the camera mode, the upper left corner of the screen has pictures sign and then enter the camera mode. Press the Enter key to take the picture.
picture-taking Mode: Normal, the timing (3 seconds, 5 seconds, 10 seconds, 20 seconds), automatic (3 seconds, 10 seconds, 15 seconds, 20 seconds, 30 seconds), the trajectory (3P / S, 5P / S, 10P / S, 20P / S)
c. Slo-mo and Slo-mo settings
The camera enters Slo-mo mode option to select the shooting mode, press the Enter key to start recording, When recording , the bottom • sign is flashing then press the Enter key to stop recording while • mark disappears.
Slo-mo mode: 1080p/ 60fps, 720p/ 90fps(120fps)

d. Remove storage and playback

Connect the camera and computer with a data cable, copy the file from camera to the computer, then you can play it in the computer, or take the Micro SD card out and read it with a card-reader.

Delete File : Go to the playback interface, press OK button for 3-5 seconds, you can delete a single file.

9. Installation and use of the WIFI

Before using WIFI function, please install "Explorer S" APP program on the smartphone.

NOTE: Android users can download it in Google-Play. IOS users can get it in the APP store.

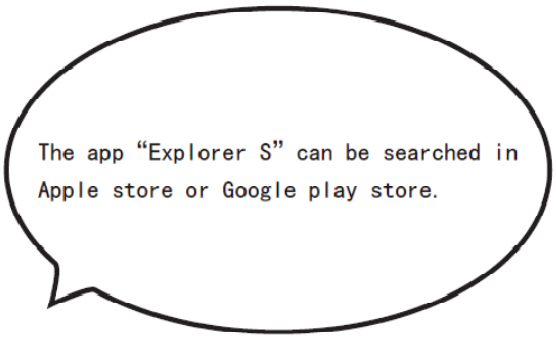
Connection procedure:

a.After power on, press the up key, "WIFI message" appears on the screen, then the WIFI light will flash;

b. Open WIFI connection on your phone, search the WIFI SSID "Explorer S" and connected (the original password is 12345678);

c. Tap and open "Explorer S" APP program, you can preview the shooting screen on the APP, remote video, camera, file playback / download / delete / share.

d. APP installation:the phone system requires Android 4.1 and above or IOS7 or more, scanning "Explorer S" APP dimensional code, follow the prompts to complete the installation.



**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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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 warning statement:

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

11.Basic specification of the camera

| | |
|---|---|
| LCD screen | 2.0LTPS |
| Lens | 170°A+high definition wide-angle lens |
| Optional languages | English, Simplified Chinese, Traditional Chinese, Korean, Russian, French, German, Italian, Spanish, Portuguese, Japanese, Dutch, Thai, Polish |
| Record video | 4K30fps, 2.7K30fps, 1080P60fps(30fps), 720P120fps(90fps/60fps/30fps) |
| Format of record video | MP4 |
| Format of video compression | H.264 |
| Resolution of photos | 16M/ 12M/ 8M/ 5M/ 2M |
| Card | Micro SD |
| Take photos mode | common, timing, automatically, sports trail |
| Record video mode | common, loop, stop-motion |
| Slow photography | 1080P/60fps、720P/120fps |
| Light frequency | automatically、50Hz、60Hz |
| USB | USB2.0 |
| Adapter | 5V/1A |
| Battery capacity | 900mAh |
| Power consumption | About 400mA@4.0V |
| Time of recording video | 1080P/ about 90minutes |
| Time of charging up the battery | About 2 hours |
| Size | 59*41*29mm |
| Weight | 44g(without battery), 58g（with battery） |
| Temperature of working | -10℃～+55℃ |
| Temperature of storing | -20℃～+70℃ |

**Note**: Specifications could be subject to modification due to upgrading or updating. Please regard the actual product as the standard form.

## Optional accessory:

HDMI cable