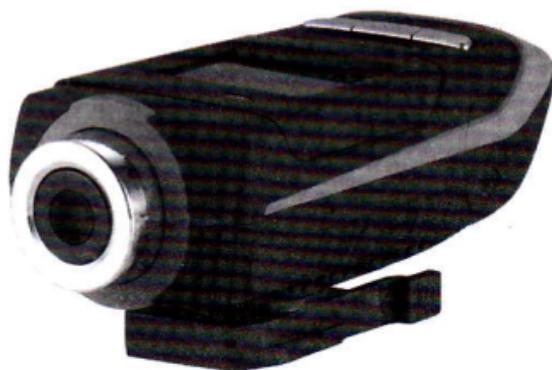


FULL HD1080P

Sport Camcorder



User Manual

Please read through this user manual before using the product and keep the manual for future use.

Please operate the camera on basis of full understanding of the manual.

Any alteration of product appearance and specification below are without further notice.

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Precaution

Pls be well noted with the following guidelines before you use this camera,

- * Pls refer to manual instruction and operate the camera correctly. Illegal operation may cause damage to camera internal components.
- * Do not fall or hit the camera, it may damage the internal components.
- * For your safety, please keep the camera from the children and animals, in order to avoid accident
- * Do not place the camera in a damp or dusty location for extended periods of time. This may cause a fire or an electrical shock.
- * Do not leave the camera in places exposed to extremely high temperatures, such as under direct sunlight for extended periods of time. This may affect the camera housing and internal components
- * We recommend using batteries in temperatures between 0°C to 40°C.
- * Turn off the camera before removing the memory card, in case of the damage of card or storage data.
- * The camera is matched with waterproof case. Pls use it when the camera needs to keep water away. We should take no responsibilities for the damage of camera or leakage because of it.
- * The temperature rise is normal after using the digital camera for a long time.
- * Do not touch the lens during using the camera, so as not to influence the photography effect.
- * Please use the air blower (special lens blowing equipment) to clean lens or use special lens-cleaning cloth to clean fingerprint or dust on the surface.

Accessories

Standard Accessories

- 1, Goggle belt
- 2, 3M pads
- 3, USB cable
- 4, HDMI cable
- 5, AC Charger
- 6, User manual
- 7, Nylon velcro strap
- 8, Handlebar grip
- 9, Flat base pedestal
- 10, Curve helmet pedestal
- 11, Sponge rubber pads
- 12, Waterproof case
- 13, Remote control
- 14, User manual

Optional Accessories

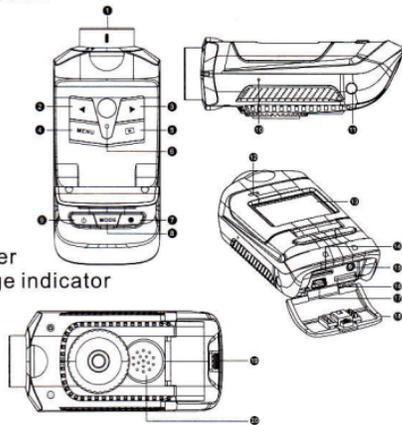
- 15, Car charger
- 16, Suction cup bracket
- 17, GPS module / Disk



Operation Interface Introduction

Interface Introduction

- 1, Lens
- 2, Left key
- 3, Right key
- 4, Menu key
- 5, Playback key
- 6, Reset key
- 7, REC key
- 8, Mode key
- 9, Power key
- 10, MIC
- 11, Infrared receiver
- 12, Working/Charge indicator
- 13, LCD screen
- 14, SD slot
- 15, GPS port
- 16, HDMI port
- 17, USB port
- 18, Back cover
- 19, Locker
- 20, Speaker



Standby Display Instruction

- 1, Loop recording icon (displayed under video time mode, and not displayed under normal recording mode)
- 2, Resolution icon (1080P/720P/640)
- 3, GPS signal icon (green icon means good signal, red icon means no signal)
- 4, Remaining record time (means the estimated time can the storage card be recorded, during recording it displays the recording time in progress)
- 5, Battery icon (charging indication; the power grid varies according battery power, turning red means low power)
- 6/7, Displaying year, month and date when Date Stamp function set on, no displaying when Date Stamp set off)



Mounting Description

The camera can be mounted in many ways. Please follow the methods of mounting as suggested below:

1, Mount the flat base pedestal

- 1) Mount the flat base pedestal onto surfboard
Put the camera into the waterproof case and lock well, install the camera bracket into flat base pedestal, stick flat base pedestal with 3M pads and then attach to surfboard directly. (As picture 1, 2, 3, 4)



Pic 1



Pic 2



Pic 3



Pic 4

- 2) Mount the flat base pedestal into sliding plate or sledge and so on
Install the camera bracket into flat base pedestal, stick flat base pedestal with 3M pads and then attach to the surface of sliding plate or sledge, etc.(As picture 1, 2)



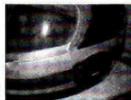
Pic 1



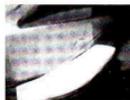
Pic 2

2, Mount curve helmet pedestal

- 1) Mount to the side of helmet
Mount goggle belt to curve helmet pedestal, then tie the belt around the helmet, adjust curve helmet pedestal to the right position, then fix it firmly onto the helmet using 3M sponge rubber pads, install the camera bracket into curve helmet pedestal. (as picture 1, 2, 3)



Pic 1



Pic 2



Pic 3

2) Mount to the top of helmet

Thread the nylon velcro strap into curve helmet pedestal, then thread the nylon velcro strap into helmet and fasten it. Make sure it is fixed firmly. (Picture 1, 2, 3, 4)



Pic 1

Pic 2

Pic 3

Pic 4

3. Mount handlebar grip

As shown in below pictures, screw the handlebar grip into the camera grip, and mount it onto the motorcycle or bike.



Insert and take out storage card

1. Insert the storage card

- 1) Open the camera back cover
- 2) Insert the card according to the right direction
- 3) Close the back cover

2. Take out the storage card

- 1) Turn off the camera power and open the back cover.
- 2) Press the end of the storage card slightly, it will eject automatically.
- 3) Close the back cover

Notice:

Please confirm the inserting direction of the SD card because reversed inserting may cause damage to the camera and the SD card;

Battery charging

Connect the USB port of charger with the USB port of camera, and then plug in the power. During charging, the red indicator is on, when fully charged, the indicator is off.

Notice:

- A) In order to improve the charging efficiency, please charge the camera under the shutdown status.
- B) Please make sure the AC power is turned on when the charger is plugged.

Button Function Description

Power key (): To turn on/off the camera; to clear screen character

Mode key (**MODE**): to switch to capture mode and video mode; to delete files under playback mode

REC key (): take photos and videos, and stop taking videos

Menu key (**MENU**): to enter into and exit menu setting, and quit playback under playback mode

Playback key (): to browse photos and videos, to confirm settings under setting mode

Left key (): to choose the last menu or file, zoom out the image, and reduce voice volume under playback mode.

Right key (): to choose the next menu or file, to zoom in the image, and increase sound volume under playback mode.

Reset key: to reset the camera system.

Reset Key

In case the camera is dead or not able to work properly, press in the hole of reset key, camera return to normal shut off status, to continue operation, press power key again.

Turn on/off the camera

1, Turn on

Press once " " key, with one beeping sound camera starts up. On the top of LCD screen it displays the resolution icon, remaining recording time of card separately; at the bottom of LCD screen it displays the battery icon, date and time.

(Remark: when video time mode is set, camera will automatically record after power up)

2, Turn off

Press " "key for 3 secs, it will turn off after one beeping sound.

Video Mode

1, Normal Recording

When the camera is on, set the menu of "video time" to "Close" (refer to "Video Mode" setting), press "●" key once to take video, the recorded time and recording icon are displayed on the top of LCD screen, press "●" key again to stop recording and save the video files, the remaining recording time is displayed on the top of LCD screen.

(Remark: Camera gives out different sounds between starting recording and stopping recording)

2, Loop recording

- (1) Set record overwrite time in the menu of "video time" to 2 or 5 mins (refer to "Video Mode" setting), press "●" key to start recording, when it records to 2 or 5 mins (according to the time you set), the DVR will stop recording automatically and save the video footage and then continue recording; when SD card is full, DVR will delete the first video footage automatically and continue recording and so on.
- (2) Press "●" key once to stop recording and save the video, the remaining time is displayed on the top of LCD screen.
- (3) The loop recording icon is displayed on the left top of the screen.

Capture mode

- 1, Press "Menu" key to switch to capture mode, aim at the object you want to shoot and press "●" key, it will save the photo automatically.

2, Automatic photo

Under capture mode, set the self capture time in the menu "automatic photo" (refer to Capture Mode setting), camera will keep taking time-lapse photo automatically as the time you set. Press "MODE" key to quit auto capture and switch to video mode.

Zoom in/out

Under recording or capture mode, press ◀/▶ key to zoom in/out the image.

Clear screen

Under standby, video, capture or playback mode, press ⏻ key once to clear all characters on screen. Press ⏻ key once again, the characters will recover.

Playback mode

Under standby mode, press "▶" key to enter into playback mode, "Capture Play/Video Play/ G-sensor Video/Cycle Video" will be shown on the screen.

Press ◀/▶ key to choose the options, press "▶" key to confirm.

During picture browsing, press ◀/▶ key to browse last /next one.

During video playback, press once "▶" key to pause, press "▶" key once again to continue, press ◀/▶ key to adjust volume.

Press "MENU" key to return.

Delete File

Press once "▶" key to enter playback mode: "Capture Play /Video Play/ G-sensor Video/Cycle Video", Press ◀/▶ key to choose the option, press "▶" key to confirm, press "MODE" key to enter into Delete Menu.

Press ◀/▶ key to choose "Delete all" or "delete" (the current file), press "▶" key to confirm again "YES" or "NO" deleting the file. Press "Menu" key to return.

Remark: When set G-sensor as "4G / 8G" in Setup Mode, in case camera is crashed, there will save crash video footage, it cannot be deleted from the camera directly. Only through formatting card or from the PC can the crash footage be deleted.

Setup mode

Under standby mode, press "MENU" to enter into setting mode, press ◀/▶ key to choose option, press "☑" key to confirm.

1, Capture mode

SIZE: 16M (4608*3456), 5M (2592*1944)

Quality: High/Normal/Low

EV: 1/2/0/-1/-2

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

Automatic photos: Close/3secs/5secs/10secs/30secs
/1min

2, Video mode

SIZE: 1080P 30FPS, 720P 60FPS, VGA 120FPS

EV: 1/2/0/-1/-2

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

MIC Volume: OFF/ Level One/Level Two/Level Three
/ Level Four

Video time (loop recording): Close/2 mins/5 mins

Anti-shaking: Open/Close

3, System Setting

Language: English/CHS (simplified)

Format: Yes/No

Date Set: YYYY/MM/DD/HH/MM

Screen saver: 30secs/1min/5mins/off

Default: Yes / No

G sensor: 4G/8G/Close

Key Sound: Open/Close

Screen Convert: Normal/Inverse

Version: ISPORT2-H0X-S0X

Light Freq: 50 Hz/60 Hz

Auto off: Close/1min/3 mins /5 mins

Date Stamp: Open/Close

Sound Set: Off /30%/50%/80%/100%

Play back video footage on TV

Turn the camera on, connect the HDMI port of camera to TV via the HDMI cable, choose HDMI mode on TV. The LCD screen of camera will be off automatically, all operation functions can be shown on TV.

Play back video footage on PC

Turn the camera on, connect PC with camera using USB cable, open "My Computer", → open removable Disk and you can find 3 folders, GSENSOR folder, PHOTO folder and VIDEO folder. Choose the folder and browse corresponding files.

Remote control instruction

- 1, Under Video mode, press the "■" key to choose resolution, press "●" once to start recording, and press "●" key again to stop.
- 2, Under Capture mode, press the "■" key to choose image pixels, press "●" once to take photo.
- 3, Press "■" key or "●" key per time, the red indicator on the remote control flicks.

Technical specification

Sensor:	5 Mega CMOS
Video Resolution:	1080P 30FPS, 1920*1080 720P 60FPS, 1280*720 VGA 120FPS, 640*480
Image size:	5M (2592*1944); 16M (4608*3456)
Storage:	TF card, support up to 32G
Lens:	Wide angle & rotatable 160° under 1080P 170° under HD720P&VGA
Video format:	MOV
Image format:	JPG
Audio:	Built in MIC, speaker
Port:	USB/HDMI/GPS
Battery:	Built in 1200mAh Li-polymer battery
Screen:	1.5 inch LCD
Remote:	Infrared remote control