

HOOT 3D VR Camera



■ About this Manual

Thanks for purchasing this product, please read this manual carefully in advance and keep properly for reference when needed.

- This manual offers you the information about how to use HOOT Camera. Great efforts have been made to ensure the correctness of the content, but we reserve the rights to amend without prior notice.
- HOOT camera reserves all the rights about this manual. Without the permission of our company in advance, no parties are allowed to copy, spread or save any content of this manual into Internet or other storage medium in any form and in any purpose.

■ Precautions

Precautions about this product

- Do not dismantle or try to amend this product.
- Do not preserve or use this product in high temperature environment.
- Do not preserve this product together with sharp objects in case any damage can cause to the shell and lens.
- Do not throw or knock this product.
- Do not use or preserve this product in high magnetic fields.
- Do not aim the lens at the strong light for a long time.
- Do not wipe this product with cleaners containing erosive, alcoholic or other organic solvents.
- If not using this product for a long time, please preserve this product in dry, clean and shady environment.

- Any damage or photo and video playback failure caused by man-made improper operation, our company are not responsible to compensate.

Precautions about using this product

- The battery efficiency will largely decrease when using in chilly environment for a long time.
- Do not use or recharge this product for a long time in high temperature condition.
- If overheating occurs in using or charging, please stop immediately and reuse after it.
- Do not charge this product in water.

Other precautions

- This product contains Wi-Fi module, please abide by the relevant provision of Airlines when using this product in flight.

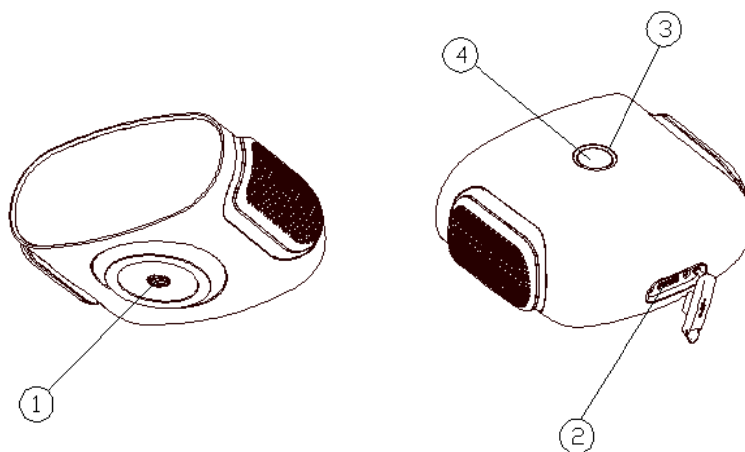
Precautions about waterproof

- This product is waterproof, please check whether it is complete before using.
- Please clean and dry this product after using underwater.

■ Package

When you unwrap the package, please check the following contents: HOOT Camera, Micro USB cable, manual, warranty card. If any misses or damages occur in those contents, please contact the product seller.

■ Basic structure



- ① Tripod Port
- ② USB/MHL Port
- ③ Camera Status Lights
- ④ Operation Button

Notice:

1. HOOT Camera is equipped with built-in high speed memory card, no installation needed.
2. HOOT Camera is equipped with built-in non-removable battery.

■ Getting started

■ Charging

The new machine is equipped with built-in rechargeable lithium-ion battery. To recharge, please insert the USB cable to the camera ②**USB/MHL port**, and insert the other end to the USB port of power adapter. It is suggested to charge in shutdown status so as to charge much faster. It will do no harm to your camera and battery when it is not full. The camera can continuously shoot for 90 minutes when the battery is fully charged.

Reminder:

When the battery is charging in shutdown status, the ③**Camera Status lights** display:

- The light will turn on (red) when camera is charging
- The light will turn off when charging is complete

The display of the light is the same whether the camera is on or off. The camera do also have other color lights in different working mode.

■ Power on/off

To power on: Press ④**Operation button** and release, then ③**Camera Status lights** display breathing light type, and then the green light is on.

To power off: Press and hold ④**Operation button** for 3 seconds and release, the ③**Camera Status lights** will be off in few seconds (if it is still charging, the red indicator lights up).

■ Start/stop shooting

Start shooting: when the camera is on, press ④**Operation button** and release, the ③**Camera Status lights** display breathing light and HOOT camera starts shooting. The shooting mode is consistent with previous mode (2D or 3D). The default mode is 3D shooting mode.

Stop shooting: when camera is shooting, press ④**Operation button** again and release, the ③**Camera Status lights** recover green always on, and HOOT Camera stops shooting.

HOOT Camera can also be controlled via App on smart devices.

■ Transferring files

Copy videos and photos to computer

- When camera is on, ③**Camera Status light** displays green. Insert one end of USB cable into ②**USB/MHL port** and the other end into the USB port of PC.
- Wait a moment, open "Computer" and find "Devices with Removable Storage" or "UDisk"
- If it does not turn up, open "Computer" again or release and insert USB cable again.
- Double click "Devices with Removable Storage", view the files named "photo" and "video" in the directory, saving photos and videos separately.

- Copy or cut the files into computer.
- When it is successfully connected to PC, the ③Camera Status lights flash green or alternatively flash red and green.

■ Ports

Micro USB port

- Charging
- Charge with external power source
- Files transfer

Micro MHL port

- Camera can play back videos and photos on external display device via Micro MHL cable.
- The playback of camera requires the aid of HOOT Camera APP.

■ Indicator display

- Red breathing light: turning on the camera
- Green light on: in video preview state
- Green breathing light: in recording videos
- Blue light on: in playback mode
- Red light flashes: in USB mode, low SD card storage, low battery

■ How to configure and use other functions

HOOT Camera can also shoot 2D videos and photos, output MHL HD videos. But the settings and operations of those functions cannot be realized via the sole button on camera. We provide iOS and Android App to aid the setting and operation.

■ Factory default setting

Working mode	3D video mode
Video resolution	1080p@24fps
Memory card state	Unformatted
Wi-Fi	on

■ HOOT Camera App Guide

■ Download and install HOOT Camera App

1. Download installation package from App market in smart devices and install.

Android: search “HOOT Camera” from Google Play, download and install.



iOS: search “HOOT Camera” in App Store, download and install.



You can also download App by scanning the QR code below.

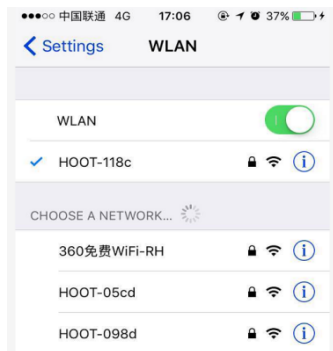


2. HOOT Camera App transfers videos and controls signal by connecting the Wi-Fi of smart device with that of camera. Please confirm the following precautions before using this product:

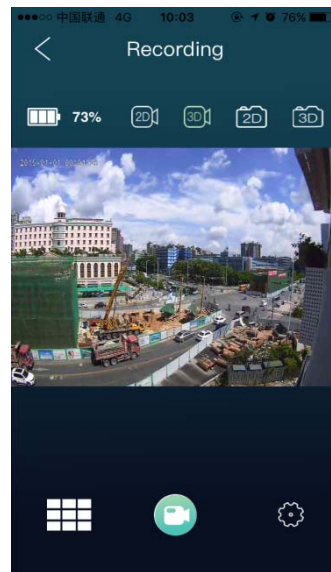
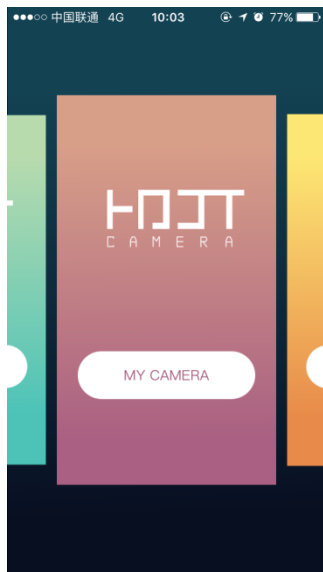
- Do not use this product in places with strong magnetic fields, static electricity and wave interference like microwave oven which may interrupt the signal reception.
- Do not use HOOT Camera on plane.
- In using HOOT Camera App, please keep the camera and smart devices within 20 meters without signal shielding.
- Camera can only connect with smart devices one-on-one.
- The system version should be iOS 9 or later, or Android 4.0 and above.

■ **Connecting to Hoot camera App**

- 1) Open HOOT Camera and keep it power-on.
- 2) Go to iOS/Android WLAN settings
- 3) Search the Wi-Fi “HOOT-xxxx” and connect, insert code “66666666” as follows







- 4) Open HOOT Camera APP, the main interface as follows.
- 5) Click “My camera” and enter video preview interface, connection completed.







■ Starting Hoot App

■ Preview

1. Video mode

- 1) Choose  , and click  , the camera starts recording 3D videos (resolution: 1080p@24fps), click again to stop.
- 2) Choose  , and click  , the camera starts recording 2D videos (resolution: 1080p@30fps), click again to stop.

2. Photo mode

- 1) Choose  , and click  to take a 3D photo (resolution: 3840*1080).
- 2) Choose  , and click  to take a 2D photo (resolution: 1920*1080).



3. Settings

- 1) Click  to enter the settings

4. Playback

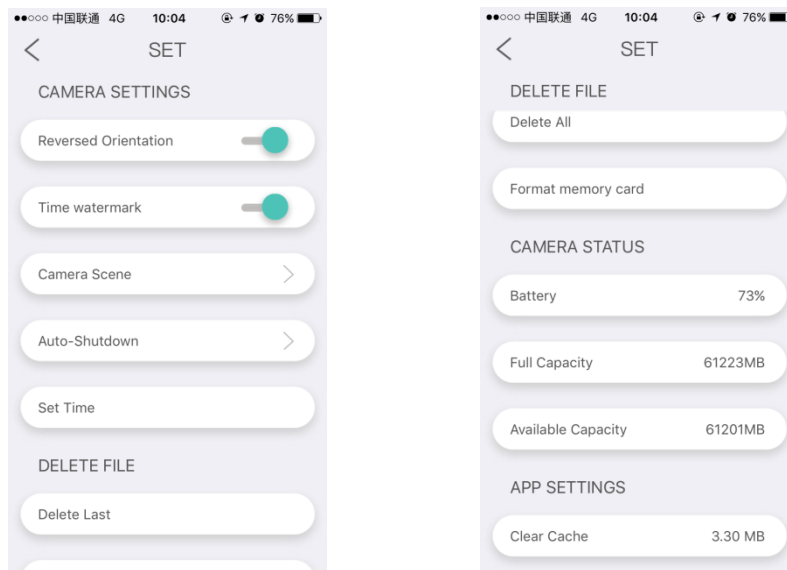
- 1) Click  to enter playback

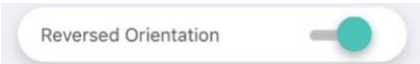





5. Others


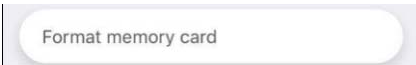


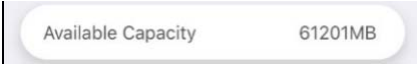

- 1)  displays the remaining battery percentage.
- 2) Click  to return to previous menu.

■ Settings

Settings interface as follows



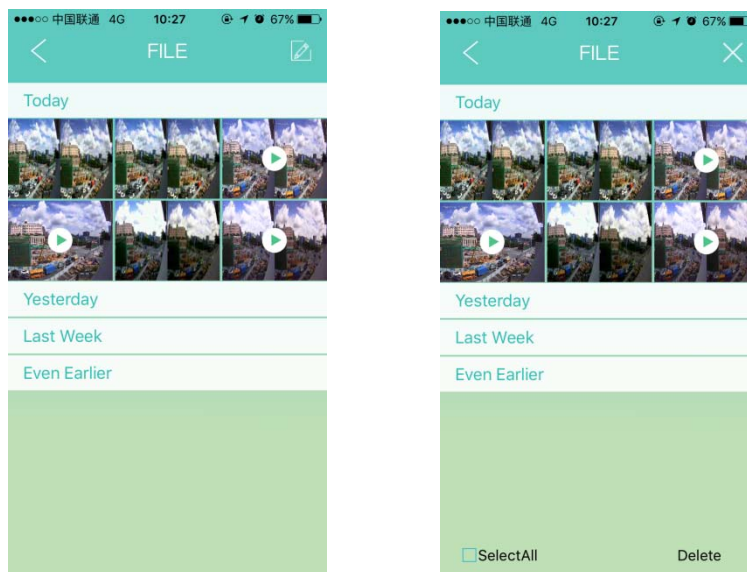
1. Click  green button to open or close image rollover.
2. Click  green button to open or close time watermark.
3. Click  arrow button to select day or night mode.
4. Click  arrow button to enter auto power-off interface, the time available are 1, 5, 10, 20, 30 and 60 minutes. In preview state, the camera will power off automatically when the time set is over.
5. Click  button to synchronize the phone time with that of camera.
6. Click  button to delete the last file taken.






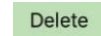
7. Click  button to delete all files.
8. Click  button to format built-in memory card.
9.  displays the remaining battery percentage.
10.  Shows the total storage space, HOOT camera offers 64GB storage.
11.  Displays the remaining storage space available.
12.  Click button to clean the cache in HOOT camera App.

■ Playback

1. Preview

Playback interface classifies camera files as follows







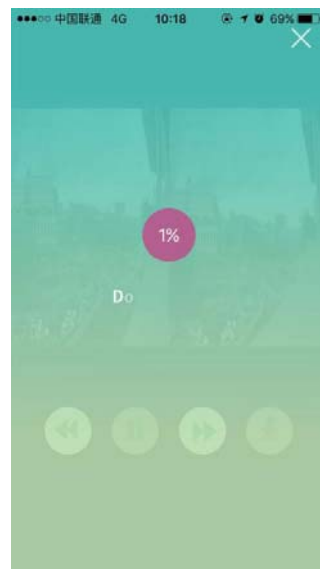
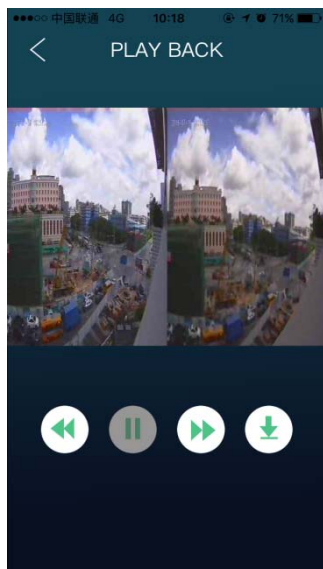
- 1) Click  button to expand or collapse the files taken today.
- 2) Click  button to expand or collapse the files taken yesterday
- 3) Click  button to expand or collapse the files taken last week.
- 4) Click  button to expand or collapse the files taken even earlier.
- 5) Click  button to edit files. One, several or all files can be selected.
- 6) Click  button to delete the files selected.

7) In editing mode, click  button to exit.

2. Video display

Click the video files to display. If the camera is connected to MHL device, the video will display on the external monitor. The display interface can be seen as follows:

- 1) Click  button to fast backward video.
- 2) Click  button to start/pause video.
- 3) Click  button to fast forward video.
- 4) Click  button to download the video and in the meanwhile stop. The download interface can be seen as follows:




3. Photo display

Click photo files to display. If the camera is connected to MHL device, the video will display on the external monitor. The display interface can be seen as follows:





- 1) Click  button to return preview interface.

- 2) Click  button to save the photo to your smart devices.

■ Local videos

In main interface, click **local films** to view the videos,photos saved in smart devices.

- 1) Click  button to video
- 2) Click  button to fit the headset VR glasses.

■ About us

In main interface, click **About us** to view the firmware version and App version.

■ Appendix

■ Specifications

The design and specification may vary without prior notice.

Image sensor	Type	CMOS
	Effective pixels	2M pixels x2
Lens	Aperture value	2.8mm
	Optical zoom	Prime lens, 160°
	Focus range	20cm~ultimate
Image size	Photo	3D: 3840x1080 side-by-side 2D: 1920x1080
	Video	3D: 1920x1080@24fps half side-by-side 2D: 1920x1080@30fps
Image format	Photo	JPG
	Video	MP4 (Image: H.264; Audio: single track)
Shooting mode	Wi-Fi, photo, video	
Waterproof	Yes	
Dust proof	Yes	
White balance	Auto	
Exposure	Auto	
Storage	Built-in 64GB	
Port	Micro USB /MHL	
Wi-Fi	Yes (802.11b/g/n)	

Remote control	Yes (via smart devices)
Power	Rechargeable lithium-ion battery, 4.2V 1200mA
Operating environment	Temperature: -10 ~ 40℃ , humidity: 0 ~ 90%
Size	93*77*46mm
Weight	150g

■ Troubleshooting

Problems	Possible reason	Solutions
Unable to boot	Battery is out of power.	Recharge
Image blur	Untidy lens	Wipe the lens with clean and dry cloth .
Unable to connect Wi-Fi	Wrong code	Retry, code: 66666666
Preview images are not fluent.	Electromagnetic interference around	Change a open place.
	Smart device is too far away from camera.	Place smart device and camera closer.

■ Contact us

Service Tel: +86 13530117722

Website: www.hootcam.com

E-mail: don.guo@liontronic.com

Service hours:09: 00-12: 0013: 30-17: 30

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.