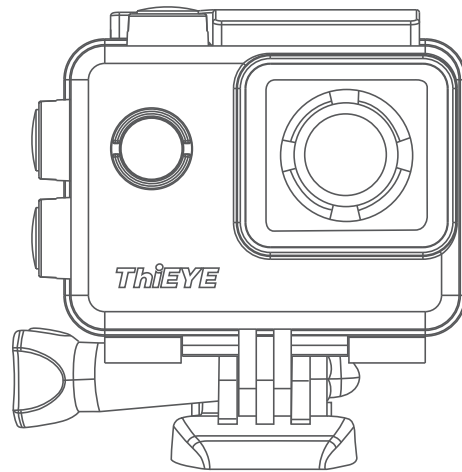


ThiEYE



User Manual

4K Action Camera i60

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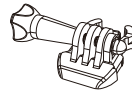
01/Packagings



Waterproof Housing



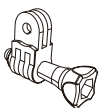
4K Action Camera i60



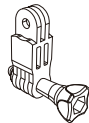
Quick Release Buckle



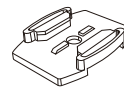
1/4'Tripod Mount Adapter



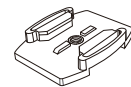
3-way Arm A



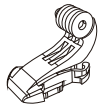
3-way Arm B



Flat Adhesive Mount



Curved Adhesive Mount



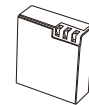
Vertical Quick Release Buckle



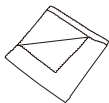
Adhesive Sticker x2



USB Cable



Rechargeable Battery



Wiper



Quick Start Guide

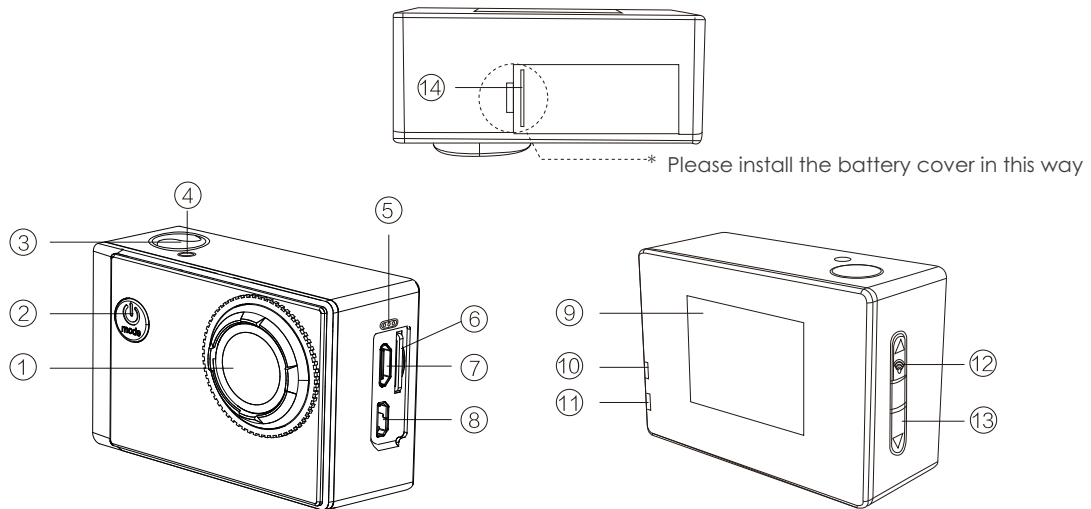


Cloth Bag



Additional Skeleton Backdoor

02 / The Basics



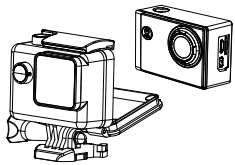
- | | | |
|-------------------------|----------------------|--------------------|
| ① Lens | ⑥ Micro SD Slot | ⑪ Status Indicator |
| ② Power/Mode Button | ⑦ USB Slot | ⑫ Up/Wi-Fi Button |
| ③ Shutter/Select Button | ⑧ HDMI Slot | ⑬ Down Button |
| ④ Indicator Light | ⑨ 1.5" LCD | ⑭ Battery Cover |
| ⑤ MIC | ⑩ Charging Indicator | |

03 / Getting Started

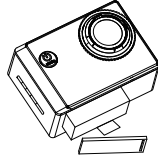
Defaulted Settings

- | | | | | | |
|--------------------|-------------|-------------------|---------|------------------|------------|
| • Video Resolution | 1080P 60fps | • Self-Timer | OFF | • Wi-Fi | OFF |
| • Photo Resolution | 12M | • Photo Burst | OFF | • Wi-Fi Name | ThiEYE*160 |
| • Timelapse Video | OFF | • Timelapse Photo | OFF | • Wi-Fi password | 1234567890 |
| • Slow Motion | OFF | • Language | English | | |

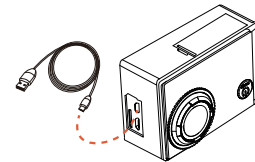
Charging the Battery



- Open the backdoor of the housing and take the camera out.



- Open up battery cover, insert the battery and buckle up the battery cover.



- Charge the battery by connecting the camera to a computer or other USB charging adapter (5V,1A) with the included USB cable.

When the camera turns on :

The Indicator Light  turns on during charging and turns off when charging is over.

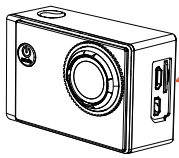
When the camera turns off :

The Indicator Light  turns on during charging and turns off when charging is over.

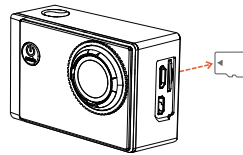
NOTICE: It won't damage the camera and the battery to use the battery before it's fully charged since it has some power.

Inserting + Removing Micro SD Cards

The camera i60 is compatible with microSD, microSDHC, and microSDXC memory cards (sold separately) from 4GB to 64GB capacity. You must use a microSD card with a Class 10 or a UHS-1 rating. ThiEYE recommends using brand name memory cards for maximum reliability in high-vibration activities.



To Insert the micro SD Card:
Slide the memory card into the card slot with the label facing the screen on the back of the camera. When fully inserted, the card clicks into place.







To Remove the micro SD Card:
Place your fingernail against the edge of the memory card and lightly press it further into the camera. The card springs out far enough to be removed.

NOTICE: When the camera is tested without a card, "No Card" will show up on the screen. Use care when handling memory cards. Avoid liquids, dust, and debris. As a precaution, power off the camera before inserting or removing the card.

Powering on + off



To Power On : Press the Power/Mode Button "  "for 3 seconds. The Indicator Light  flashes and the sound indicator emits beeps and then your camera is on. And the defaulted mode to start up is Video Recording Mode.

To Power Off : Press and hold the Power/Mode Button "  "for 3 seconds. The Indicator Light  turns off and the sound indicator emits beeps and then your camera is off.

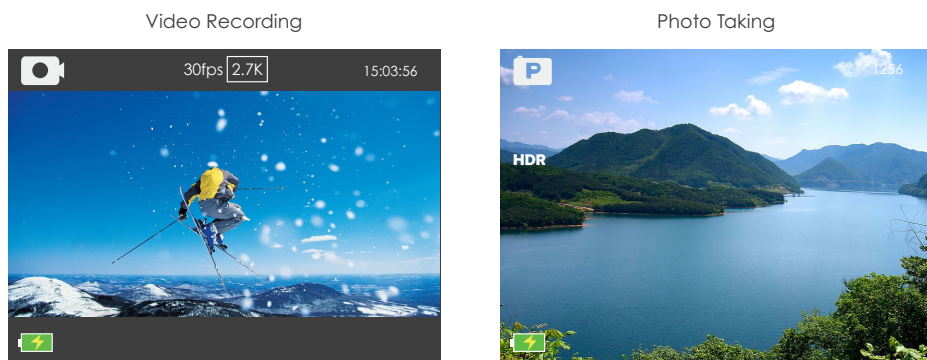
Screen

With a built-in 1.5 inch LCD screen you can frame shots, change settings, and play back the videos and the photos. You can take it as a viewfinder , so it'll be easy for you to view and reset.

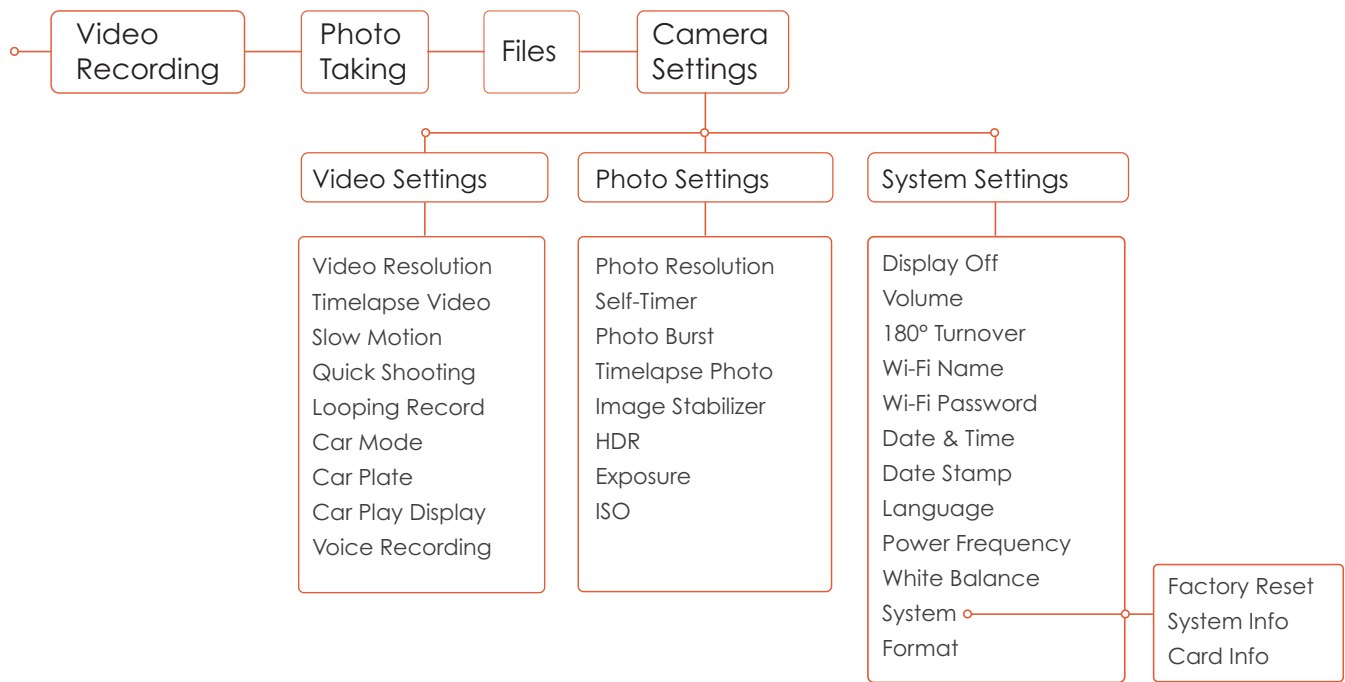
Screen on + off

When you turn on/off the camera, the screen will turn on/off automatically.

NOTICE: To make the battery work longer, you can set up the time of Display Off. For more information, see "Display Off" in Settings Mode.



04/Camera Menus



05/Camera Modes

ThiEYE i60 is featured with several camera modes. Press the Power/Mode Button "⏻" repeatedly to switch the modes.

Camera Modes

Press the Power/Mode Button "⏻" repeatedly to switch to the mode you want.

1. View the menu via pressing Up ▲ /Down ▼ Button and keep your option in orange.
2. View the option under the menu via pressing shutter/select Button "⊙". Press Shutter/Select Button "⊙" again to choose your option and then the menu will be back.

Capturing Video

To capture video, verify that the camera is in Video mode. And the Indicator Light ④ keeps on.

- To Start Recording : Press the Shutter/Select Button "⊙". The camera emits one beep and to start up. While recording, the Indicator Light ④ and status Indicator flash ⑪ and a red dot in the upper right of the screen flashes.
- To Stop Recording : Press the Shutter/Select Button "⏻" to stop. The Status Indicator ⑪ turns off and the red dot in the upper right of the screen disappears.

If the memory card is full or the battery is out of power, your camera stops recording automatically. Your video is saved before the camera powers off.

NOTICE: With QuikCapture, you can quickly turn your camera on and immediately begin capturing video just by pressing the Shutter/Select Button "⏻". While recording, you can press Up/Down Button ⑫ ⑬ to zoom in or out.

Video Modes

There are 4 video modes. For more information, see "Camera Modes".

Video Modes	Description
• Defaulted	Defaulted
• Time Lapse Video	You can form a changing scene into a timelapse video.
• Slow Motion	You can slow down the speed of movement and capture the wonderful details.
• Looping Record	You can record videos continuously. The latest video will overwrite the oldest video when Micro SD card is full.

NOTICE: You can record and edit the videos with ThiEYE App. Click here www.thieye.com for more information.

Photo Modes

There are 4 photo modes. For more information, see "Camera Modes".

Photo Modes	Description
• Defaulted	Defaulted
• Self-Timer	You can set to delay 3/5/10s on shooting.
• Photo Burst	You can take 3/5/10 photos in one capture.
• Timelapse Photo	You can Capture photos at the interval of 3/5/10/30/60s.





Files

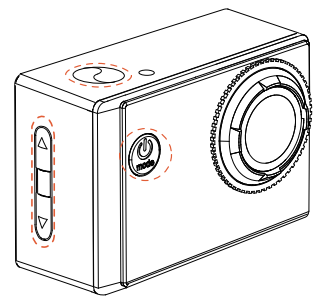
You can view the files on screen of the camera, computer, TV, smartphone, tablet.

- **On Screen of the Camera**




You can play back the videos and photos on the screen of the camera directly.

Turn on the Camera




Press the Power/Mode Button "  " repeatedly to the files mode. View the options via Up  /Down  Button to choose Video or Photos and keep it in orange. Then press the Shutter/Select Button "  " to view videos or photos.

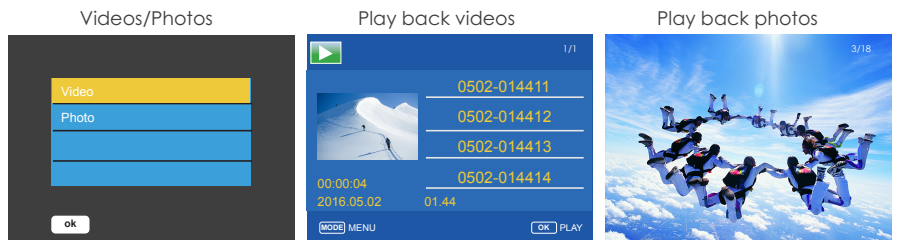


Play Back Videos



Choose the Video files and keep the video you want to view in orange via Up  /Down  Button. Then press the Shutter/Select Button "  " to play or pause.

Play Back Photos

Choose the Photo files and keep the photo you want to view in orange via Up  /Down  Button. Then press the Shutter/Select Button "  " to play or pause.



Protect or Delect the Files

When you choose the videos or photos, press the Power/Mode Button “” to view the Protect and Delect options. Press the Shutter/Select “” to protect or delete the files.

- **On the Computer**

Connect the camera to your computer using the included USB cable. Copy the files to your computer or external hard drive and you can play back the videos on camputer.

- **On TV**

1. Connect the camera using micro HDMI cable to your TV/HD TV.
2. Turn on the TV. Choose the input way according to the port of the USB cable.
3. Turn on the camera. The screen will be off when television signal is input correctly.
4. View the files via pressing the Button on camera. For more details, see “Files”.

- **On Smartphone or Tablet**

1. Connect your smartphone to camera via ThiEYE App. For more information, see “App Connecting”.
2. You can play back videos and photos on smartphone or tablet via App.

06/ Setting Modes

Video Settings

Resolution, FPS

ThiEYE i60 includes the listed video resolution below.

Video	4K	2.7K	1440P	1080P	720P
FPS	25fps	30fps	30fps	30/60fps	30/60/120fps
Video Resolution	3840×2160	2704×1520	1920×1440	1920×1080	1280×720
Aspect Ratio	16:9	16:9	4:3	16:9	16:9

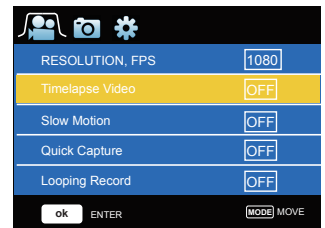
Timelapse Video

ThiEYE i60 can take continuous photos at the interval of 3/5/10/30/60s of a changing scene, then form into a time lapse video when play at normal video speed.

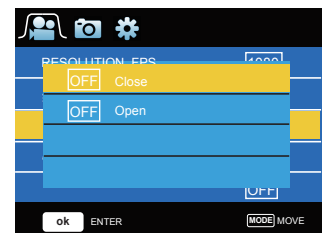
Slow Motion

This function can slow down the speed of fast movement and make it useful to capture the details. You can choose to turn it on or off.

Status	Resolution	Recording Frame Rates	Playback Frame rates	Slow-down Rate
ON	720P	120fps	30fps	4 倍
	720P	60fps	30fps	2 倍
	1080P	60fps	30fps	2 倍
	1080P	30fps	30fps	无变化




Timelapse Video



Slow Motion

NOTICE: The video recorded in slow motion mode will play back at the speed of 30fps. If you choose the resolution of 30fps when recording, it has no change when playing back, even though you have chosen the slow motion mode.

Quick Capture

With Quick Capture, you can begin capturing video when you press the Power/Mode Button "  ". And it will stop when pressing it again.

Looping Record



Record and save videos every 1/3/5 min. For example, if you choose 5 min, the video you record will be saved as 5-min units. The latest video will overwrite the oldest video when Micro SD card is full.

Car Mode

When the camera is connected with an car charger, the camera can be used as an automobile data recorder. When the car is started, the camera will turn on and record automatically. And when the engine is off, the video will be saved automatically and the camera will be off.

NOTICE: Please make sure that the battery has been put in the camera correctly when you want to use car mode, or when the car is started, the camera won't turn on and when the engine is off, the video won't be saved automatically.

Car Plate

You can set the number of car plate according to your own need and "1234567" is the defaulted setting. You can change the number via Up ▲ / Down ▼ Button and move via Power/Mode Button "  ". When the last number is finished, press Shutter/Select Button "  " and exit.

Car Play Display

You can choose to turn it on or off. When it's on, the number will show up in the upper right corner, which can help provide evidence for the accidents.

Voice Recording

You can choose to turn it on or off. When voice recording is on, you will record voice when you record a video, otherwise you won't record voice.

Photo Modes

Photo Resolution: ThiEYE i60 can take photos at the resolution of 12MP, 8MP, 4MP. The smaller the resolution is, the less space of the Micro SD will be taken.

Photo Resolution	12MP	8MP	4MP
Description	4000×3000	3264×2448	2304×1728

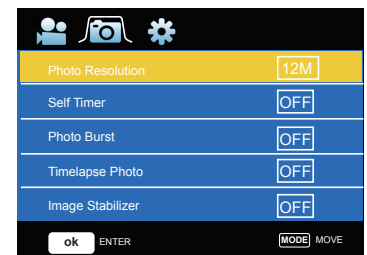


Photo Modes

Self Timer

You can set to delay 3/5/10s on shooting. When 3s is set and you press Shutter/Select Button "⊙", the screen will count down from 3 to 1. And Indicator Light (4) (11) and Status Indicator twinkle. At the same time, the camera will make a continuous sound of "click" and take a photo after a sound of "beep".

Photo Burst

You can set one capture for 3/5/10 photos and continue burst. When 3 photos is chosen and the Shutter/Select Button "⊙" is pressed, "Please wait" will appear on the screen. And 3 photos will be taken after 3 continuous sounds of "click".

Timelapse Photo



Capture photos at the interval of 3/5/10/30/60s. When 3s is chosen and the Shutter/Select Button "  " is pressed, the camera will capture a photo at the interval of 3s and the Indicator Light  will twinkle at the same time.

Image Stabilizer

When the camera sense the vibration, the camera can forecast the direction and correct it via analyzing the data. Thus it can improve the quality of photo.

HDR

When the HDR is on, you can capture a photo with rich details regardless of the shadow or the highlight.

Exposure

Exposure provides an adjustment from -2 to +2EV. EV is added 1.0 once, which means 1 time of light is increased. You can according to your own needs to adjust the exposure of photos.

ISO

You can choose the ISO among AUTO, 50, 100, 200, 400, 800 and 1600. Higher ISO can turn the shadow to bright. The bigger the ISO is, the faster the shutter speed is. At the same time, the quality of the photo will be sacrificed.

System Settings

In the system settings mode, you can change the general settings about the camera.

Display Off

You can set 1/3/5m to make the screen off to reduce the battery use and make it longer life. You can also set 0 minute and keep the screen light.

Volume

You can choose 0,1,2,3 class to adjust the volume. If you want to turn off the voice, please choose 0 class. And the volume can work on keypad tones and warning tones.

180° Turnover

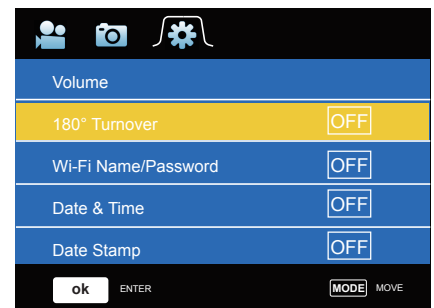
With 180° Turnover on, you can record videos and take photos normally even if the camera is installed upside down.

Wi-Fi Name/Password

You can change the Wi-Fi name and Wi-Fi password.

Setting	Description
Wi-Fi Name	ThiEYE*i60 (Default)
Password	1234567890 (Default)

NOTICE: For more information, see "App Connecting".



180° Turnover

Date & Time

You can set the camera's date and time. If you don't use the camera for a long time, you need to reset the date and time.

Date Stamp

You can add the time on the video and photo. You can choose "Off", "Date", "Date & Time" based on your needs.

Language

The camera includes 9 languages: English, Chinese Simplified, Chinese Traditional, French, Spanish, Italian, German, Russian, Japanese. And English is the default language.

Power Frequency

Power frequency decides video format. Setting power frequency to control recording fps and play back the videos on TV.

Setting	Description
50HZ (System)	North America/Korea/Japan/Taiwan
60HZ	The most of other countries

White Balance

White balance can adjust the color tones of the videos and photos.

Setting	color temperature	Description
Auto		Changing automatically with the environments
Daylight	5000k	Cold light
Cloudy	6500k	Cold light
Tungsten	2900K	Warm light
Fluor H	4200K	Warm light

System

You can learn the basic information about the camera.

Setting	Description
Factory Reset	The settings of the camera will be reset to default.
System Info.	System firmware version
Card Info.	The information of the SD Card's storage

Format

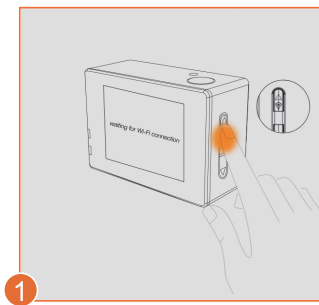
You can format your SD card and delete all the files.

07/App Connecting

You can control your camera remotely on your smartphone or tablet via ThiEYE App. You can set the camera, record videos and take photos , frame shots and play back instantly,edit the files and share to social media.

Connect i60 with ThiEYE App

1. Download ThiEYE App from our official website www.thieye.com or App Store, Google Play to your smart phone or tablet .
2. Turn on the Wi-Fi built-in camera. Verify that the camera is in video mode or photo mode. ①
 - a. Hold Up ▲ /Wi-Fi Button for 2-3s.
 - b. The LCD will show 'Wi-Fi ON' and information about Wi-Fi connecting in 2s.
3. Turn on the Wi-Fi on your smartphone or tablet. Connect your smartphone to Wi-Fi Network (Name: ThiEYE*i60,Password: 1234567890). ②
4. Open the App and click the "Connect" Button. ③



08/ Battery

Maximizing Battery Life

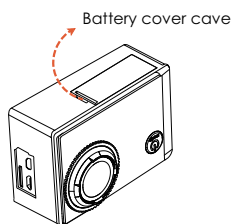
Please turn off the screen to maximize battery life in a long-time activities. Extreme cold temperatures can decrease battery life. It also will increase power consumption in a higher resolution or frame rate.

Battery Storage and Handling

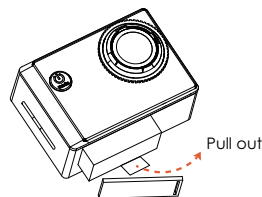
- The camera contains sensitive components, including the battery. Do not drop, disassemble, crush, bend or puncture the camera.
- Avoid exposing your camera to very cold or very hot temperatures. Low or high temperature conditions may temporarily shorten the battery life or cause the camera to temporarily stop working properly. Avoid dramatic changes in temperature or humidity when using the camera, as condensation may form on or within the camera.

Pull out the Battery

ThiEYE i60 battery is designed fastener, thus maximizing the guarantee of reliability in strenuous vibration.



1. Please put your thumb on the battery cover cave at the bottom of the camera and cave it up.



2. Pull the battery out through the pulling-on piece.

09/Frequently Asked Questions

My i60 Won't Power On

Make sure your i60 is charged. To charge your camera, use the included USB cable and a computer or USB charging adapter.

My Playback Is Choppy

Choppy playback is typically not a problem with the file. If your footage skips, one of these situations is likely the cause:

- a. Using an incompatible video player and change to use other video players.
- b. The computer does not meet the minimum requirements for HD playback. The higher the resolution and frame rate of your video, the harder the computer has to work to play it back. Make sure that your computer meets the minimum requirements listed in Minimum System Requirements.
- c. Playing your content directly from your camera over a USB connection. Transfer the file to the computer to play back.

Forget the Wi-Fi name or Password

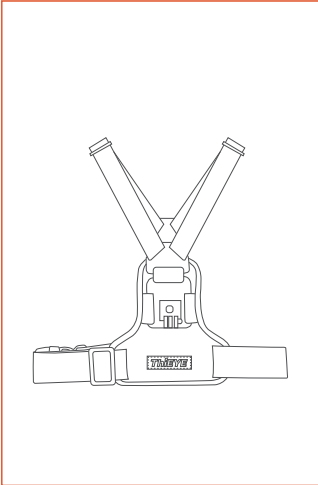
You can check the information of WiFi in system settings or set factory reset in default settings.

Questions about Micro SD

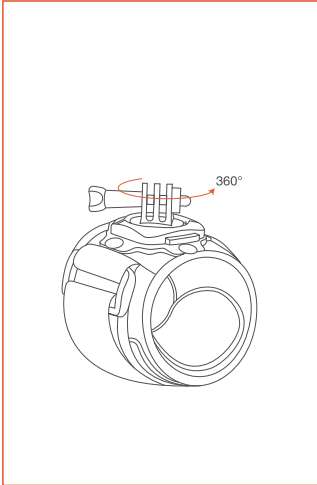
Questions	Description
No Card	Without a SD card, the camera can't record videos and take photos
Full Card	The SD card is full. You need to delete some files or change a new one
Error Card	a. The SD card is full. You need to delete some files or change a new one. b. The SD card is full. You need to delete some files or change a new one c. SD card is damaged. Change a new one..

10/Optional Accessories

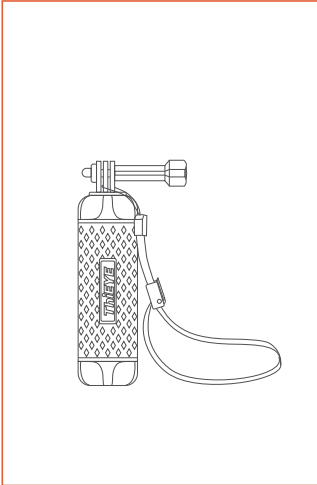
Chest Harness



Wrist Strap Mount



Floating Hand Grip



Bike Mount

