AKASO

Keychain 2

ACTION CAMERA

USER MANUAL

V1.0

EN

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Important Messages

Congratulations on your new AKASO Keychain 2 Action Camera! You must be excited to use your new camera, but please spend some time familiarizing yourself with this manual first so that you get the most out of your camera's features and use it safely. It's important to regularly update the camera's firmware. Connect your camera to the AKASO GO app through the camera's Wifi to download and install the latest firmware.

1. This camera is a precision instrument. Safeguard it from drops or impacts to prevent damage.
2. Store the camera away from devices or objects with strong magnetic fields or power, like motors and magnets.
3. Ensure the camera operates within its recommended temperature range. Avoid leaving it at high or low temperatures for extended periods, as this can reduce its lifespan.
4. This camera body is only resistant to splash, so make sure Keychain 2 is properly placed in the waterproof housing and all covers are tightly closed before immersing it underwater.
5. After using the camera in saltwater, rinse it with fresh water and gently dry it with a soft cloth.
6. Don't charge the camera for long periods of time. While charging, keep the camera away from kids and pets to prevent accidents.
7. Store the camera away from sharp objects and moisture-prone areas.

Micro SD Card Use

To capture photos and videos, you'll need a separate memory card. We recommend branded memory cards that meet the following criteria:

1. Rated U3 or higher
2. Capacity up to 256GB (FAT32)

Tips:

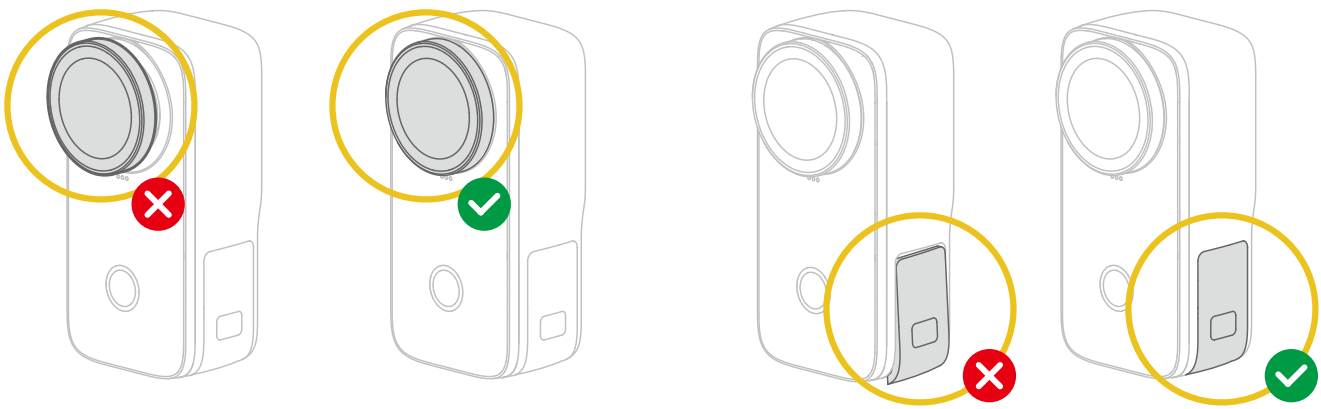
1. We recommend you use AKASO memory cards for optimal compatibility and performance.
2. Memory cards larger than the specified maximum capacity can cause issues like non-recognition or even camera malfunctions like unresponsiveness or firmware failure.
3. With FAT32, the card will stop recording and create a new file if the file size of a recording reaches 4GB.

Note:

1. Don't use the card near strong currents or magnetic fields.
2. Don't let the card touch metal objects, or use any metal tools on it in case it's squeezed, bent, or falls.
3. Store the card in dry places away from corrosive substances.
4. Insert the card into the card slot in the right orientation.
5. Ensure that no foreign items are inserted into the card slot.
6. Turn off the camera before inserting or removing the card.

IPX6 Waterproof Rating

1. The Keychain 2 action camera boasts an IPX6 waterproof rating, making it splash- and rain-resistant straight out of the box. Whether you're shooting in rainy weather or damp environments, you can keep capturing the moment without worry. However, always ensure all the protective covers are tightly sealed to prevent any leakage. Listen for a click - this means they're locked in place.



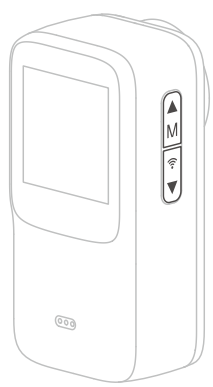
Lens cover not closed securely

Lens cover closed securely

USB cover not closed securely

USB cover closed securely

2. While the Keychain 2 camera is splash-resistant, moisture on the touchscreen may cause unintended actions, such as screen drift or multiple jumps. To avoid this, it's best to use the physical buttons to switch shooting modes and adjust video or photo settings when the screen is wet.



3. If you plan a deep dive, securely equip your Keychain 2 action camera with the included waterproof housing to prevent it from getting soaked. With the camera in the housing, you can dive down to 30 meters (99 feet).

Note: The camera won't record sound when it's in the waterproof case.

1. Specifications

Brand	AKASO
Product Name	Action Camera
Model	Keychain 2
Size	67×34×27mm
Net Weight	86 g
Material	Plastic, silicone, glass
Battery Capacity	Built-in 1050 mAh
Battery Life	Around 180mins of recording time in 1080P. Note: The actual battery life may vary based on the environment and usage.
Wireless Network	RF 2.4G+Wifi 2.4GHz
Camera Waterproof Rating	IPX6
Operating Temperature	-5°C~45°C (23°F~113°F)
External Microphone	Supported but sold separately. Note: Be sure to purchase external microphones compatible with this camera.

2. What's in the Box

Keychain 2
× 1

Camera Frame
× 1

Magnetic Clip
× 1

Waterproof Housing
× 1

USB Cable
× 1

Remote Control
x 1

Remote Control
Strap x 1

Double-Sided
Adhesive Tape × 2

Helmet Mount
× 2

Buckle Mount
× 1

A Mount
× 1

E Mount
× 1

Reset Needle
x 1

Lens Cloth
x 1

Quick Start Guide
x 1

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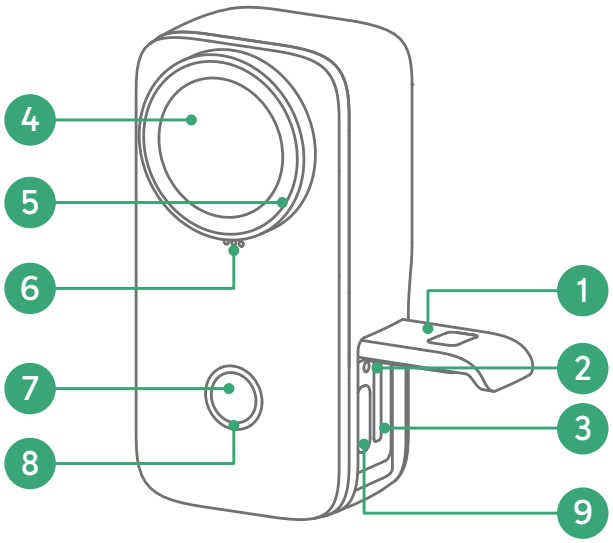
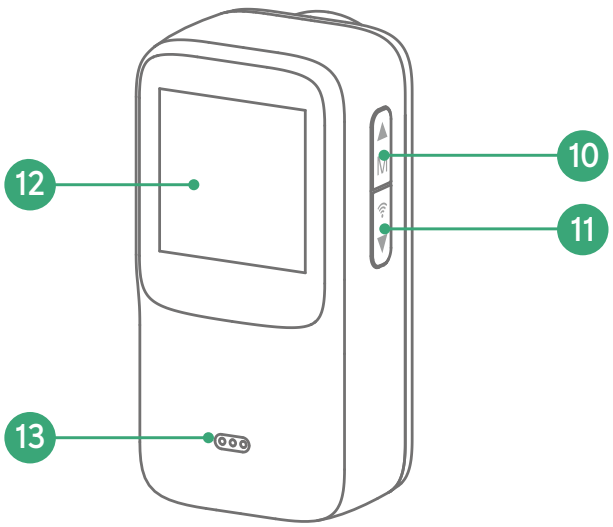
3. Your Keychain 2 Action Camera



1. USB Cover
2. Reset Button
3. Micro SD Card Slot
4. Lens
5. Lens Cover
6. Microphone
7. Shutter / OK / Power Button
8. Indicator
9. USB / External Mic Port



10. Up / Mode Button
11. Down / Settings / Button
12. Touch Screen
13. Speaker

4. First Use

(1) Installing the Micro SD Card

First press the charging cover to reveal the memory card slot, then insert the memory card in the direction indicated on the camera. To remove the card, simply press it into the slot with your fingernail, and it will then pop out.

Note: Be sure to turn off the camera before installation.

(2) Formatting the Micro SD Card

Before using, please format the memory card in the camera. To keep your memory card in good condition, reformat it on a regular basis. Reformatting deletes all of your data, so be sure to transfer your photos and videos first. Follow these steps to format your card:

1. Swipe down from the preview screen to access the quick menu.
2. Tap the Settings icon to enter the system settings screen.
3. Scroll up to find the "Format" option.
4. Tap on it to enter the formatting screen.
5. Select the "Yes" option to confirm formatting.
6. Wait a few seconds, and the card is formatted successfully.

(3) Charging the Camera

Locate the USB power port, and connect the camera to a USB adapter or computer using the USB cable. Once fully charged, disconnect the cable and ensure the charging cover is securely fastened.

(4) Powering on the Camera

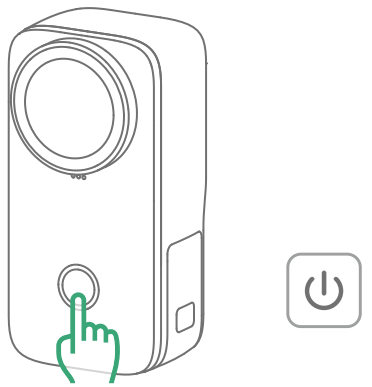
Press the Power button to turn on the Keychain 2 action camera. Ensure all the covers are securely closed before powering it on.

5. Getting Started

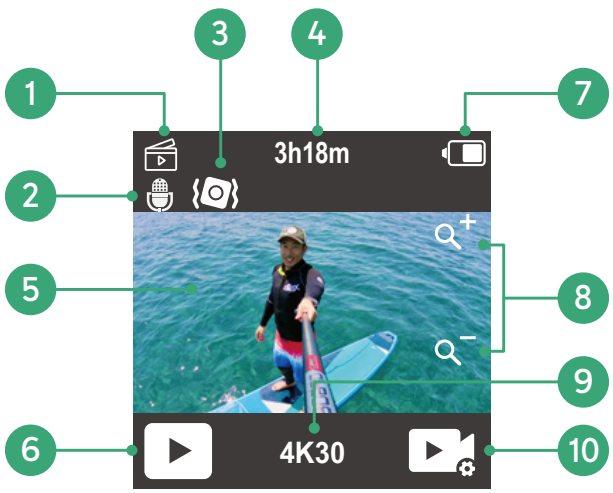
(1) Powering on and off

Powering on: While the camera is off, press the Power button to turn it on.

Powering off: While the camera is on, press and hold the Power button for around 1.5 seconds to turn it off.



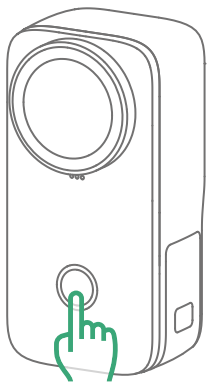
(2) Preview Screen

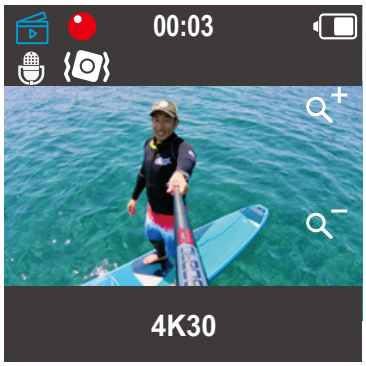


1. Current Shooting Mode
2. Audio Recording Status
3. Image Stabilization
4. Remaining Card Capacity
5. Live Feed
6. Album Access
7. Battery Level
8. Zoom
9. Current Resolution
10. Video Settings

(3) Using the Shutter Button

When in Photo or Video mode, press the Shutter button to capture photos or start video recording. To stop recording in Video Mode, press the Shutter button again.



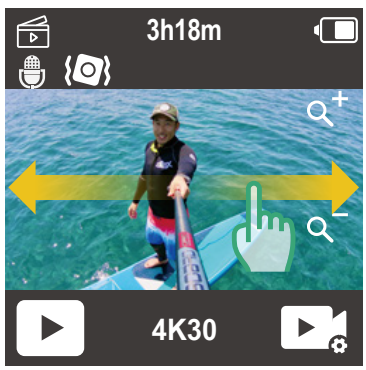


(4) Quickly Switching Modes

There are 2 ways to quickly switch between Video Mode and Photo Mode.

Method 1: Switching modes by using the Up button. When on the preview screen, press the Up button to toggle between Video Mode, Photo Mode, and Playback Mode.

Method 2: Switching modes by using the touch screen. When on the preview screen, swipe left and right to toggle between Video Mode and Photo Mode.



(5) Quickly Switching Shooting Modes

If you would like to switch more shooting modes, follow the steps below:

① When in Video or Photo Mode, press and hold the Up button for 3 seconds or swipe up to enter the video or photo mode menu screen.

② Swipe left or right or press the Up/Down button to select a desired mode. After doing so, tap its icon or press the Shutter button to enter the selected mode.

Video Mode Menu

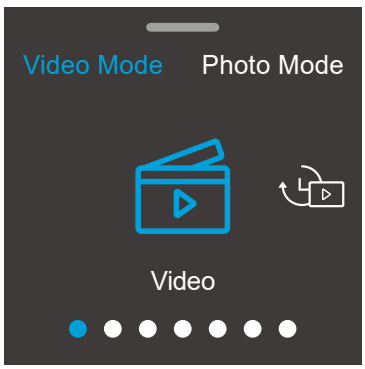


Photo Mode Menu

Video Modes:
Video/Time Lapse Video/Slow Motion/ Hyperlapse/Grabs From Video/Super Time Lapse/Driving Mode

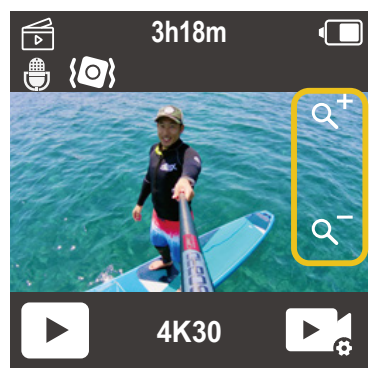
Photo Modes:
Photo/Photo Timer/Time Lapse Photo/ Burst Photo/Light Painting

(6) Zooming in or out

You can adjust viewing angles by tapping the “+” or “-” icon. The Keychain 2 camera can zoom in up to 4X.

When on the preview screen, tap the “+” icon to zoom in, and tap the “-” icon to zoom out.

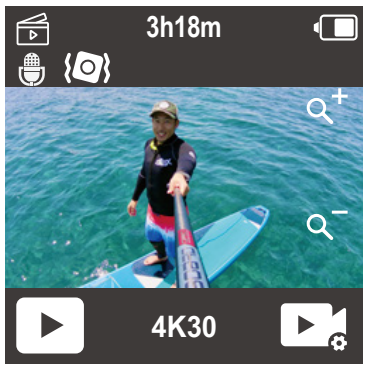
Note: You can also use the zoom feature during video recording. The touch screen can’t be operated during video recording. To adjust the viewing angle, press the Up or Down button instead.



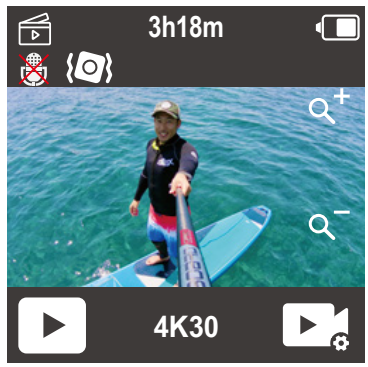
(7) Audio Recording

Turn the audio recording feature on or off. When disabled, the camera will record videos without audio. To turn this feature on or off, enter the video settings screen and locate the "Audio Recording" option.

Note: The camera does not record sound when it's in the waterproof case.



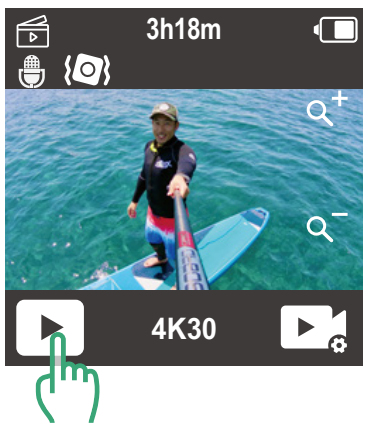
Audio Recording On



Audio Recording Off

(8) Accessing the Album

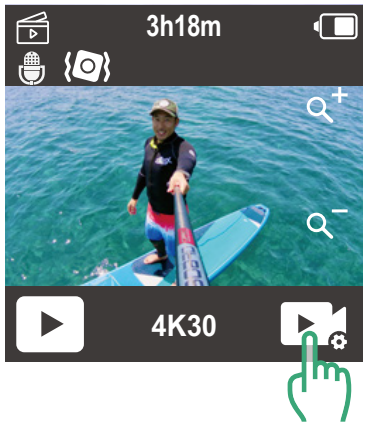
To view the photos and videos stored in the camera's album, simply press the Up button, or tap the playback icon in the bottom left corner to enter the playback screen, then tap the Video or Photo icon to access all the video or photos files.

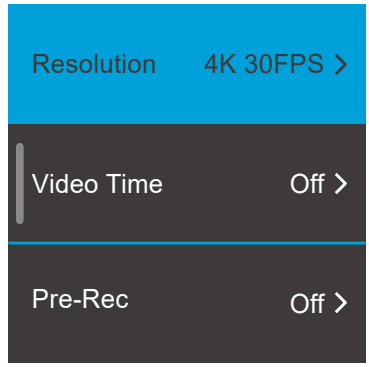


(9) Configuring Video or Photo Settings

Configure the video or photo settings to level up your shots.

To do this, tap the Settings icon in the bottom right corner or press the Down button from the preview screen to enter the video or photo settings screen.

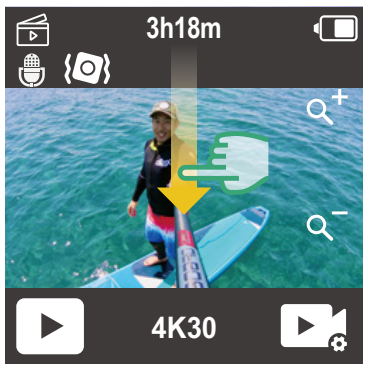




Note: Different modes offer varied settings. Therefore, ensure the camera is in the corresponding mode before configuration.

(10) Accessing the Quick Menu

To access the quick menu, swipe down or press and hold the Down button for 3 seconds from the preview screen.



(11) Wifi

The built-in Wifi connects the Keychain camera to the AKASO GO app for camera control and file download. More information can be found in the section: **Using the Camera's Wifi & AKASO GO App → Features of the Camera's Wifi.**

To turn on Wifi, simply tap the Wifi icon in the quick menu. The camera will then enter Wifi mode in 3 seconds with Wifi information displayed. To turn off Wifi, simply tap the "X" icon or press the Down button to exit the Wifi screen.

(12) Rotating the Screen

The Keychain 2 camera offers the flexibility to rotate 180° both horizontally and vertically. When the camera displays horizontally, tap the Screen Rotation icon to switch to the vertical screen. Tapping the icon again will revert the camera back to its widescreen display.

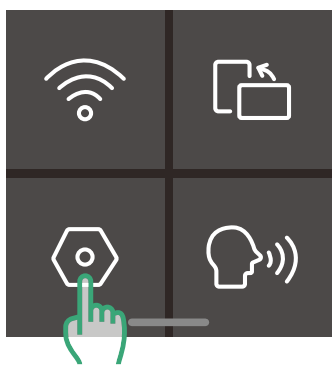
Tip: 4K30 resolution is not supported in vertical mode.

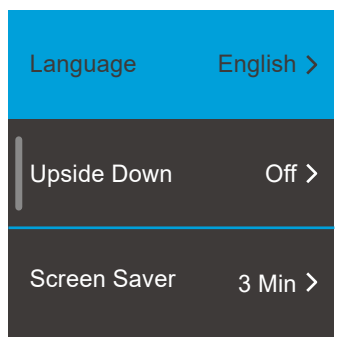
Horizontal Screen

Vertical Screen

(13) System Settings

Simply press and hold the Down button, or tap the Settings icon to enter the system settings screen and customize your Keychain 2 action camera.



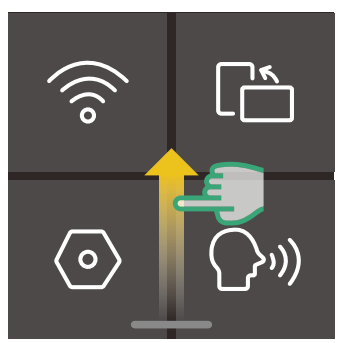


(14) Voice Broadcast

Easily toggle the voice broadcast feature on or off with a simple tap on its icon. When activated, the camera provides vocal prompts based on your actions. For instance, if you hit record to start video recording, the camera will audibly announce the prompt “Start Recording”. The Keychain 2 action camera offers 3 voice prompts: Start Recording, Stop Recording, and Take Photo.

(15) Exiting the Quick Menu

Swipe up to exit the quick menu and return to the preview screen.

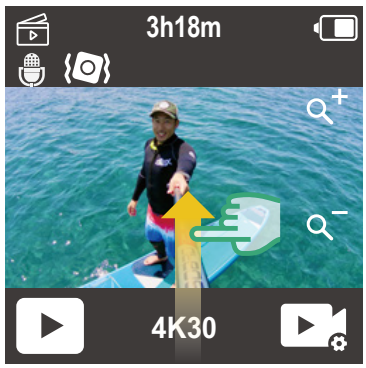


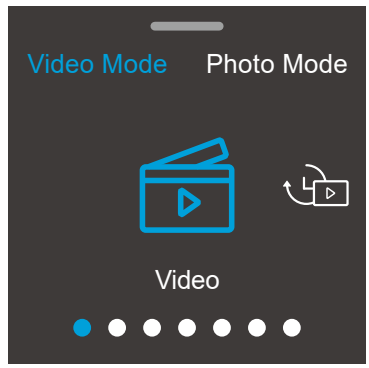
6. Recording Video

The Keychain 2 action camera boasts 7 video modes: Video, Time Lapse Video, Super Time Lapse, Slow Motion, Hyperlapse, Grabs from Video, and Driving Mode.

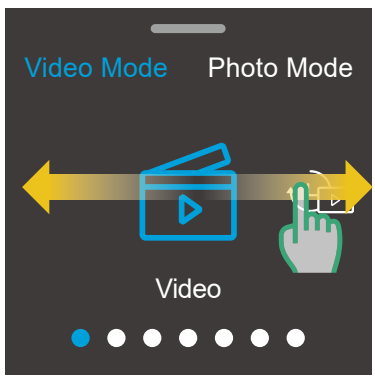
(1) Switching Video Modes

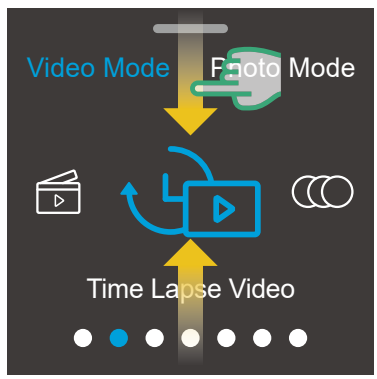
① When in Video Mode, press and hold the Up button or swipe up to enter the video mode menu.

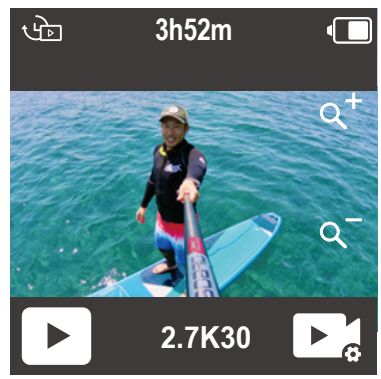




② Swipe left or right or use the Up and Down buttons to select a desired video mode. After doing so, tap the mode icon or press the Shutter button to enter the selected mode.





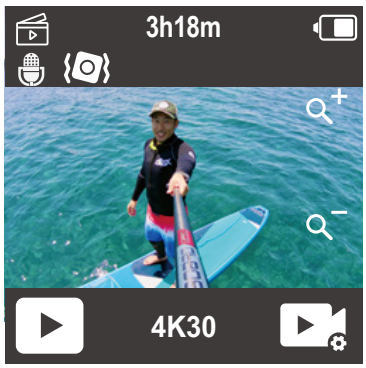


(2) Overview of Video Modes

A. Video Mode

The camera is in Video Mode by default when turned on. When in this mode, press the Shutter button to record normal video at the preset resolution and frame rate.

Choose "**Video**" to enter Video Mode.

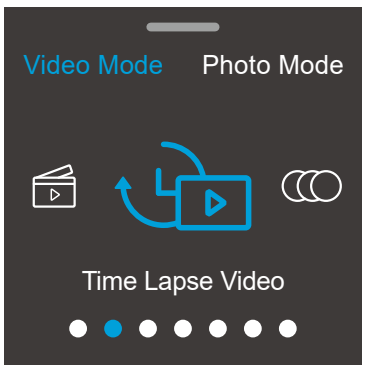


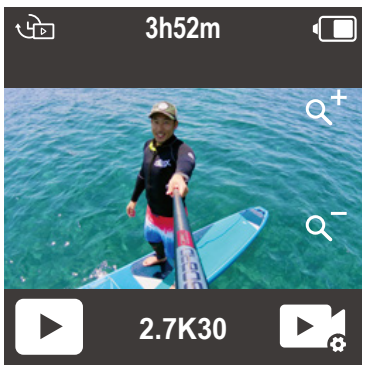
B. Time Lapse Video Mode

Time Lapse Video condenses longer events into brief clips by capturing frames at designated intervals. For instance, recording a 20-minute video at a 2-second interval produces a 20-second fast-motion video, whereas a 10-second interval results in a 4-second fast-motion clip.

Tip: Time lapse videos are captured without audio. The video length varies based on the set interval.

Select "**Time Lapse Video**" to enter Time Lapse Video Mode.



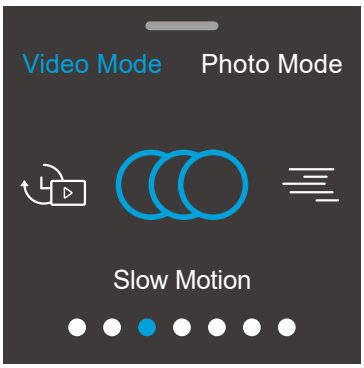


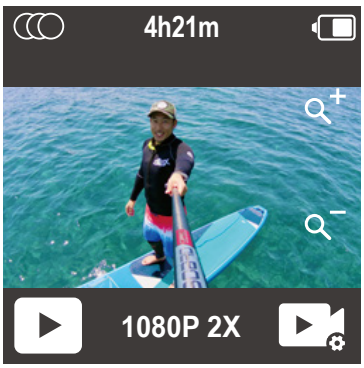
C. Slow Motion Mode

The Slow Motion mode allows the camera to capture footage at your chosen resolution and speed ratio, but it saves the video at a playback rate of 30 fps. This ensures that on playback, the video displays in a captivating slow-motion effect.

For instance, a 10-second clip shot at 720P 4X results in a 40-second video played at 720P30fps. Essentially, the video is played four times slower, making this mode perfect for capturing fast-moving scenes.

Select "**Slow Motion**" to enter Slow Motion Mode.



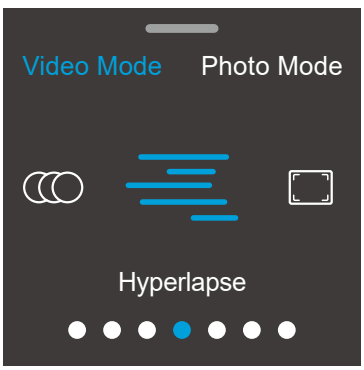


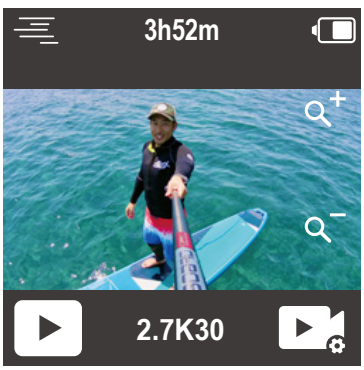
D. Hyperlapse Mode

The Hyperlapse mode enables the camera to produce steady and fluid fast-motion videos, seemingly faster than real-time. This mode is perfect for capturing dynamic scenes.

For instance, a 6-minute video captured at a 2X shutter speed results in a 3-minute fast-motion video, while using a 10X shutter speed gives a 36-second fast-motion video.

Choose "**Hyperlapse**" to enter Hyperlapse Mode.



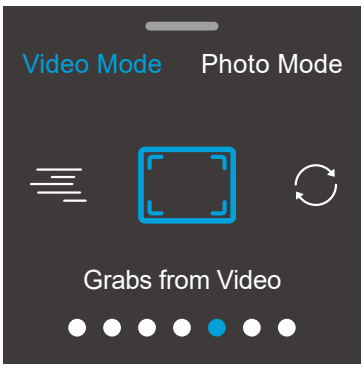


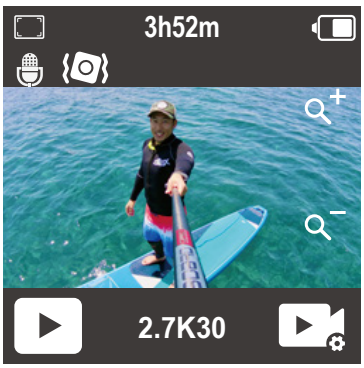
E. Grabs from Video Mode

In Grabs from Video Mode, the camera will start video recording and grab a still photo at the set photo interval when you press the Shutter button.

For instance, when recording a one-minute video at a 5-second interval, the camera grabs one still photo every 5 seconds during video recording, thereby producing 12 photos from the video.

Choose "**Grabs from Video**" to enter Grabs from Video Mode.





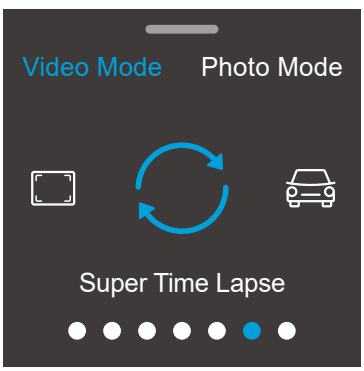
F. Super Time Lapse Mode

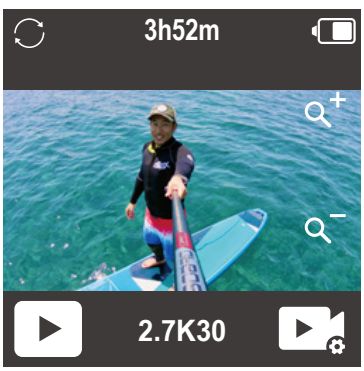
The upgraded mode of Time Lapse Video, allowing you to set a longer time lapse interval of up to 10 minutes.

For instance, recording a 1200-minute video at a 5-minute interval produces a 8-second fast-motion video, whereas a 10-minute interval results in a 4-second fast-motion clip.

Tip: Super time lapse videos are captured without audio; the video length varies based on the set interval.

Select "**Super Time Lapse**" to enter Super Time Lapse Mode.





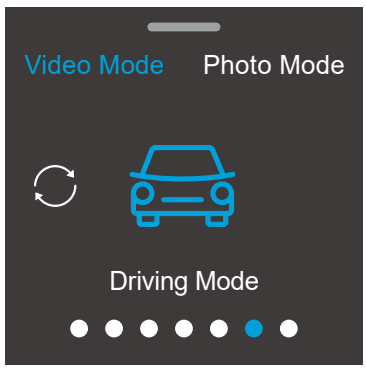
Note: To ensure uninterrupted power for super time lapse video recording, the camera is designed to automatically power off after the shutter release and then power back on to commence recording once the specified capture duration ends.

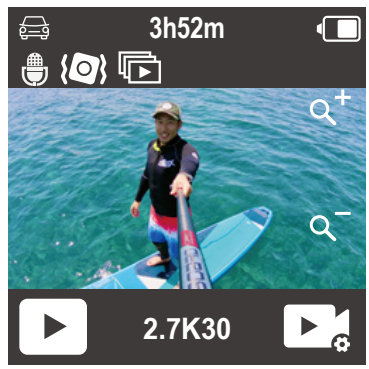
G. Driving Mode

When the camera is connected to a power source with this feature enabled in Video Mode, it will automatically power on and start recording. Upon disconnection from power, the camera will shut down and save the recorded footage. If the SD card reaches full capacity, the camera will automatically delete the oldest recordings to maintain continuous recording.

Select "**Driving Mode**" to enter Driving Mode.

Note: This feature is only available in Video Mode; to ensure proper functionality, avoid using the camera in environments exceeding 45°C, such as inside a vehicle without air conditioning during summer.

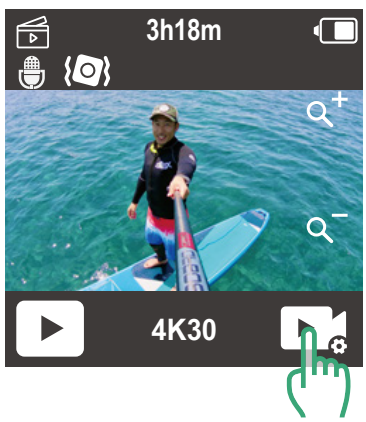


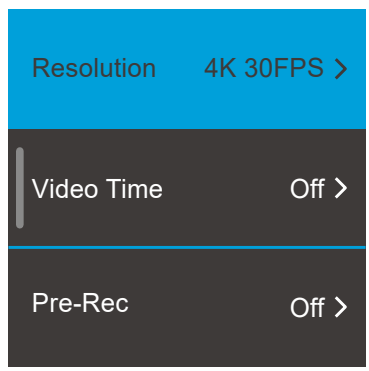


(3) Video Settings

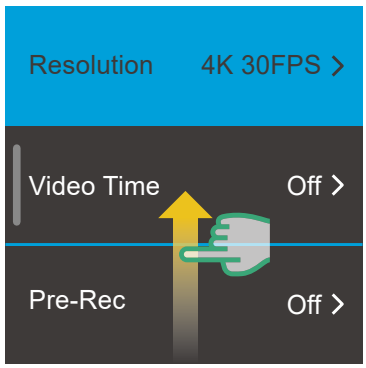
Customize your settings for an engaging video experience.

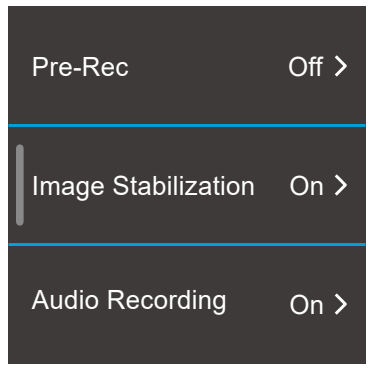
① To begin, ensure your camera is in Video Mode, then tap the Video Settings icon in the bottom right corner to enter the video settings screen.



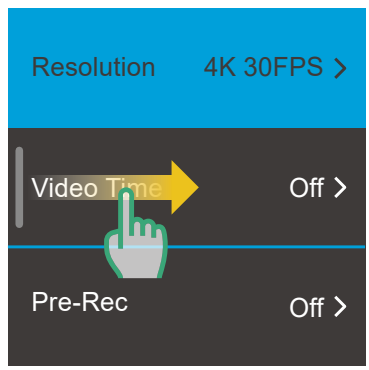


② When on this screen, swipe up to access more video settings options tailored to the chosen photo mode. For a detailed list of these settings, refer to the **Video Settings Menu** section.





③ After completing the setup, swipe right or press and hold the Up button to return to the preview screen.



A. Resolution

4K30fps (default)/2.7K30fps/1080P60fps/1080P30fps/720P120fps/720P60fps

The camera is capable of recording videos in resolutions up to 4K30fps. While higher resolutions yield clearer and more detailed footage owing to the increased pixel count, they also produce larger file sizes.

When in Video Mode, enter the video settings screen and select the “**Resolution**” option to change its settings.

Note: Capturing high-resolution or high-fps videos in warm environments can cause the camera to heat up and consume more power.

B. Video Time

Off (default)/1 Min/3 Min/5 Min

Set the video time for the camera to create video clips.

Note: Available only in Video Mode and Grabs from Video Mode.

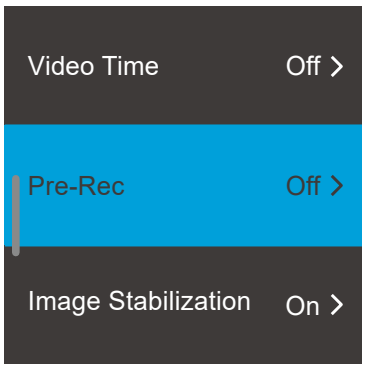
C. Pre-Rec

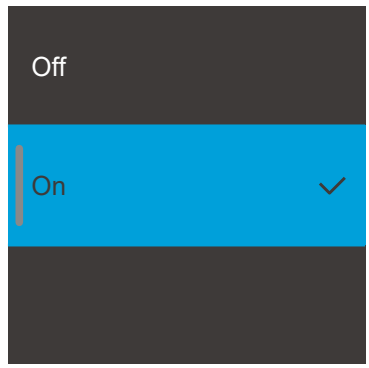
Off/On (Default setting: Off)

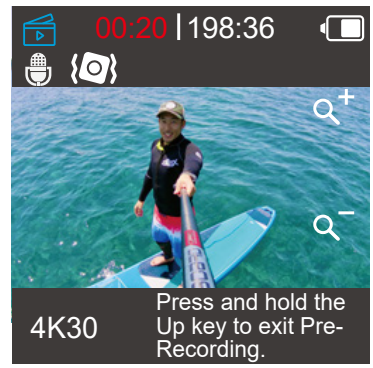
Pre-Rec can capture footage up to 30 seconds before you press the Shutter button, ensuring you never miss a moment.

Imagine you're out fishing and want to ensure you don't miss the whole exciting moment when a fish grabs your bait. With Pre-Rec enabled beforehand, you do not need to press the Shutter button until the moment has just happened, this feature will save the video before you press the Shutter button and continue recording until you turn off Pre-Rec.

① To enable the Pre-Rec feature, first make sure the camera is in Video mode, then enter the video settings screen to locate the "Pre-rec" option and select the "On" option.







Note: The video time may vary based on the resolution settings. For more details, see the table below:

Resolutions	Video Length	Resolutions	Video Length
4K30	10 Sec	1080P30	30 Sec
2.7K30	20 Sec	720P120	20 Sec
1080P60	25 Sec	720P60	30 Sec

② Once activated, return to the preview screen. The camera will start calculating for a period of 10 to 30 seconds. You can press the Shutter button when the right moment has just occurred. The camera will start recording, save the pre-recorded video, and continue recording until you cancel Pre-Rec.

③ To pause recording, press and hold the Up button for 3 seconds.

Note: ① Pre-Rec is available only in Video mode.

② Make sure you have configured the settings you want before starting Pre-Rec. You won't be able to change settings once Pre-Rec is turned on.

③ Using this feature will consume more power. So disable Pre-Rec if not needed.

D. Image Stabilization

Off/On (default)

Electronic Image Stabilization can efficiently smooth out the lens shakes, resulting in smooth and clear videos. This feature is ideal for use in capturing scenes involving activities like riding, skating, and handheld use.

Note: Image Stabilization is only available in Video Mode, Grabs from Video Mode,

and Driving Mode. It is also disabled when recording 120pfs videos.

E. Interval (Time Lapse)

1 Sec (default)/3 Sec/5 Sec/10 Sec/30 Sec/1 Min

Set the interval at which the camera captures frames in Time Lapse Video mode. The camera will capture frames at the predefined interval and seamlessly compile them into a short video.

Note: Available only in Time Lapse Video Mode.

F. Ratio (Slow Motion)

1080P 2X/720P 4X (default)/720P 2X

Set the speed by which the video is slowed down in Slow Motion Mode.

Note: Available only in Slow Motion Mode.

G. Ratio (Hyperlapse)

2X (default)/4X/6X/10X/15X

Set the speed by which the video is sped up in Hyperlapse Mode.

Note: Available only in Hyperlapse Mode.

H. Photo Interval

5 Sec (default)/10 Sec/30 Sec/1 Min

Set the interval at which the camera grabs a still photo during video recording.

Note: Available only in Grabs from Video Mode.

I. Capture Interval

10 Sec/30 Sec/1 Min (default)/2 Min/5 Min/10 Min

Set the interval at which the camera captures a scene in Super Time Lapse mode. The camera will capture scenes at the predefined interval and seamlessly compile them into a video.

Note: Available only in Super Time Lapse Mode.

J. Looping Duration

1 Min/2 Min (default)/3 Min

Set the length of videos captured in Driving Mode. For instance, if you set “Looping Duration” to "1 Min", the camera will save videos every minute. When the memory is full, the camera will automatically delete the earliest videos to continue recording.

Note: Available only in Driving Mode.

K. Audio Recording

Off/On (default)

Turn Audio Recording on or off. With Audio Recording disabled, the camera records video without audio.

Note: Available only in Video Mode, Grabs from Video Mode, and Driving Mode.

L. Volume

Low/Medium (default)/High

Adjust the level of the camera’s system volume.

Note: Available only in Video Mode, Grabs from Video Mode, and Driving Mode.

M. Microphone

Built-in (default)/External

You have the option to select either a built-in microphone or an external one. To use an external microphone for better sound quality, select the “External” option first. Then, connect a compatible external microphone to the camera’s USB port.

Tip: Available only in Video Mode, Grabs from Video Mode, and Driving Mode. If you do not wish to use an external microphone, be sure to select the "Built-in" in case the camera does not properly record sound during video recording.

N. Date Stamp

Off/On (default)

With Date Stamp enabled, the camera will add a time and date watermark to your videos or photos.

O. Bit Rate

High (default)/Medium/Low

Bit Rate directly influences both the file size and image quality. A higher bit rate yields superior image quality but results in larger files.

P. EV

-2/-1/0 (default)/1/2

EV (Exposure Value) lets you adjust the brightness of your photos and videos. A higher EV value creates a brighter image, while a lower value results in a darker image.

Q. Motion Detection

Off (default)/On

When Motion Detection is enabled during video recording, the camera automatically detects moving objects and captures an additional 10 seconds of footage each time motion is detected. This process repeats until no movement is detected within the 10-second interval, or until you manually pause the recording.

Note: Motion Detection is available only in Video Mode. Video lengths will follow the preset looping duration. Pausing the recording will disable Motion Detection, and you'll need to re-enable it in the settings to resume its use.

R. Wind Noise Reduction

Off (default)/On

This feature helps minimize the wind noises produced in fast-moving movements, making it ideal for use in riding.

Note: Available only in Video Mode, Grabs from Video Mode, and Driving Mode.

S. Dark Light Mode

Off (default)/On

This feature uses a longer shutter speed to allow more light to enter the camera sensor, resulting in sharper, clearer images in low-light conditions.

Note: Dark Light Mode is only available in Video Mode and Grabs from Video Mode. It is also disabled when recording 4K or 2.7K videos.

T. Metering

Center/Average (default)

The Keychain 2 action camera offers two metering modes to optimize your shot based on different scenes.

Center: Emphasizes the scene's center, making it ideal for close-up shots, like flowers and grass.

Average: Evaluates the entire scene's brightness to ensure well-balanced exposure and avoid overexposure, making it ideal for selfies.

(4) Video Settings Menu

Settings	Video	Time Lapse Video	Slow Motion	Hyperlapse	Grabs from Video	Super Time Lapse	Driving Mode
Resolution	4K30fps (default)/2.7K30fps/1080P60fps/1080P30fps/720P120fps/720P60fps Note: 4K30 is not available for vertical recording. Only 1080 P and 720 P resolutions are available in Slow Motion mode.						
Video Time	Off (default)/ 1 Min/3 Min/ 5 Min	×	×	×	Off (default)/ 1 Min/3 Min/ 5 Min	×	×
Pre-Rec	Off (default)/ On	×	×	×	×	×	×
Image Stabilization	Off/ On (default)	×	×	×	Off/ On (default)	×	Off/ On (default)
Interval (Time Lapse)	×	1 Sec (default)/ 3 Sec/ 5 Sec/ 10 Sec/30 Sec/ 1 Min	×	×	×	×	×
Ratio (Slow Moion)	×	×	1080P 2X/720P 4X (default)/720P 2X	×	×	×	×

Settings	Video	Time Lapse Video	Slow Motion	Hyperlapse	Grabs from Video	Super Time Lapse	Driving Mode
Ratio (Hyperlapse)	×	×	×	2X (default)/ 4X/6X/10X/15X		×	×
Photo Interval	×	×	×	×	5 Sec (default)/10 Sec/30 Sec/1 Min	×	×
Capture Interval	×	×	×	×	×	10 Sec/30 Sec/ 1 Min(default)/ 2 Min/5 Min/ 10 Min	×
Looping Duration	×	×	×	×	×	×	1 Min/2 Min (default)/3 Min
Audio Recording	Off/ On (default)	×	×	×	Off/ On (default)	×	Off/ On (default)
Volume	Low/Medium (default)/High	×	×	×	Low/Medium (default)/High	×	Low/Medium (default)/High
Microphone	Built-in (default)/ External	×	×	×	Built-in (default)/ External	×	Built-in (default)/ External
Date Stamp	Off (default)/On						
Bit Rate	High (default)/Medium/Low						
EV	-2/-1/0 (default)/1/2						
Motion Detection	Off (default)/ On	×	×	×	×	×	×
Wind Noise Reduction	Off (default)/ On	×	×	×	Off (default)/ On	×	Off (default)/ On
Dark Light Mode	Off (default)/ On	×	×	×	Off (default)/ On	×	×
Metering	Center/Average (default)						

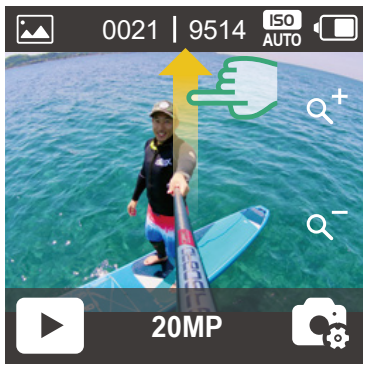
Note: Video Time and Pre-Rec can't be used at the same; Image Stabilization is not available when recording 120pfs videos; Dark Light Mode is not available when recording 4K or 2.7K videos; The "X" icon in this table indicates that the video setting is not available for the mode.

7. Taking Photos

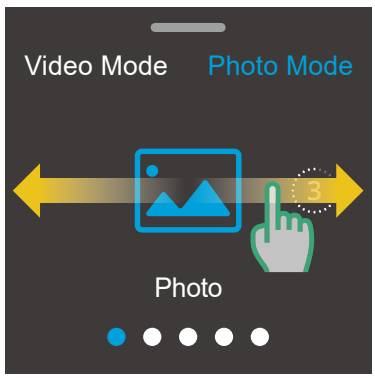
This camera boats 5 photo modes: Photo, Photo Timer, Time Lapse Photo, Burst Photo, and Light Painting.

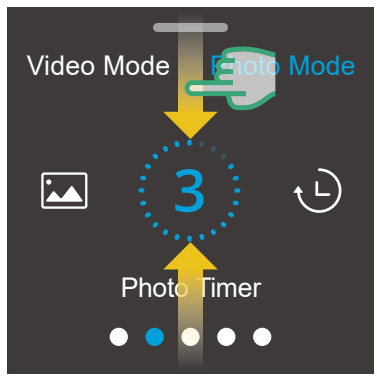
(1) Switching Photo Modes

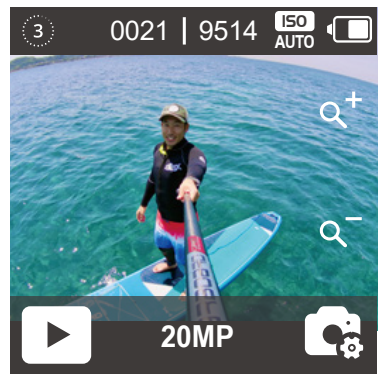
① When in Photo Mode, press and hold the Up button or swipe up to enter the photo mode menu.



② Swipe left or right or use the Up and Down buttons to select a desired photo mode. After doing so, tap the mode icon or press the Shutter button to enter the selected mode.





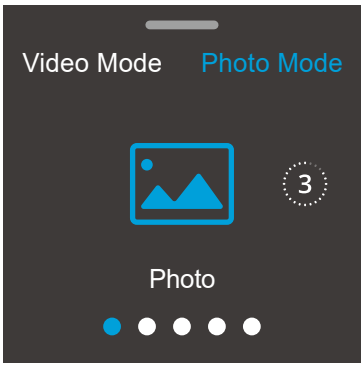


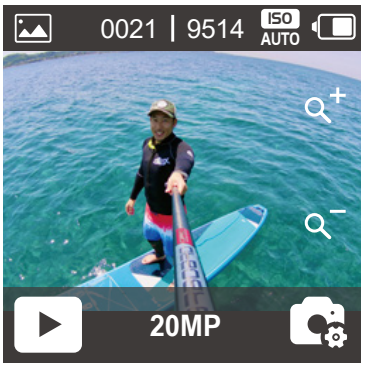
(2) Overview of Photo Modes

A. Photo Mode

When in this mode, press the Shutter button to take a photo at the preset resolution.

Select “**Photo**” to enter Photo Mode.

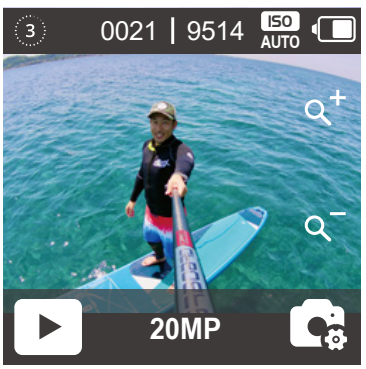




B. Photo Timer Mode

In this mode, the camera will start a preset countdown and then automatically trigger the shutter to take a photo after the Shutter button is pressed.

Select “**Photo Timer**” to enter Photo Timer Mode.

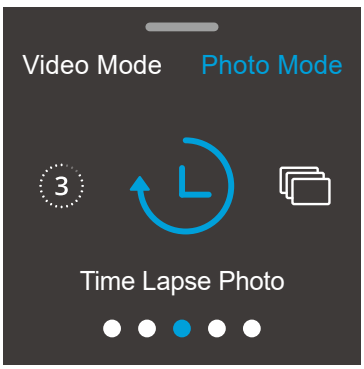


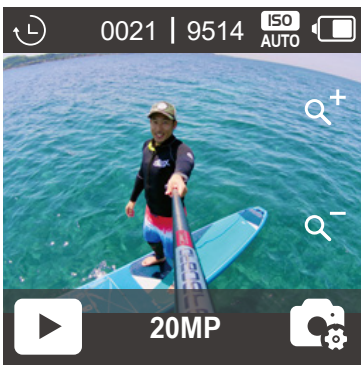
C. Time Lapse Photo Mode

In this mode, the camera automatically starts the preset countdown to take a photo when the shutter button is pressed. The process repeats continuously until you press the shutter button again.

For instance, when you set “**Interval**” to "**5 Sec**", then press the Shutter button, the camera will count down 5 seconds and take a photo, then repeat this process continuously. To stop capturing, press the Shutter button again.

Select “**Time Lapse Photo**” to enter Time Lapse Photo Mode.

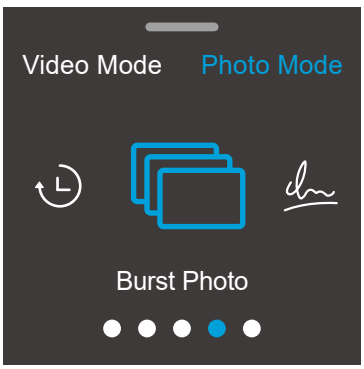


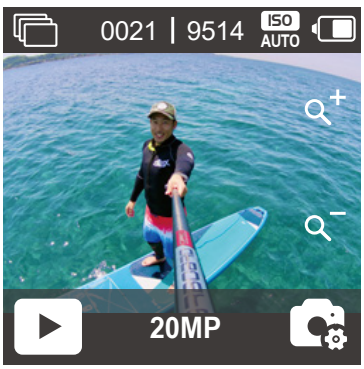


D. Burst Photo Mode

In this mode, the camera continuously takes photos at the set shot when the Shutter is released.

Select “**Burst Photo**” to enter Burst Photo Mode.



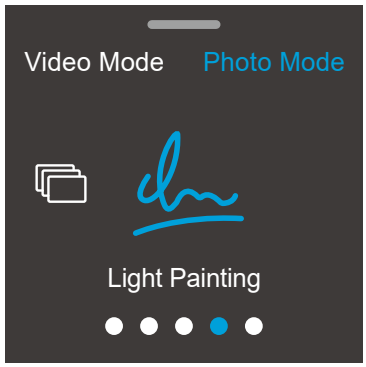


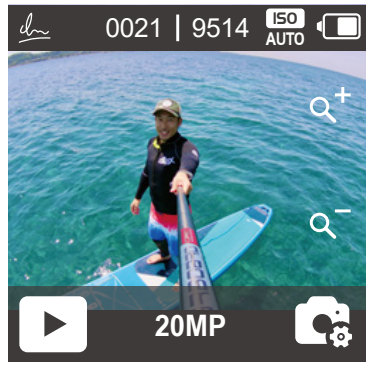
E. Light Painting Mode

Light Painting uses long exposure to let you create stunning brush strokes with dazzling visual effects, making it ideal for use in low-light situations such as at night, underwater, and for capturing light trails.

Note: Ensure camera stability while using this mode.

Select “**Light Painting**” to enter Light Painting Mode.

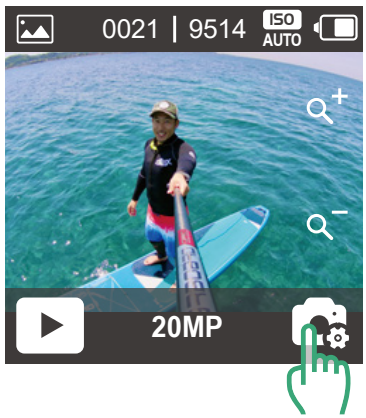


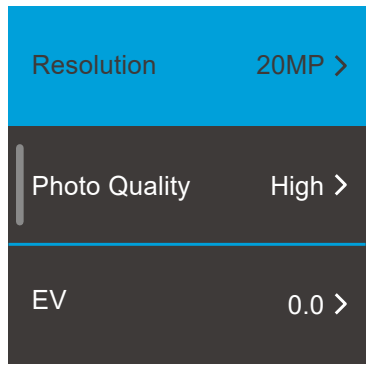


(3) Photo Settings

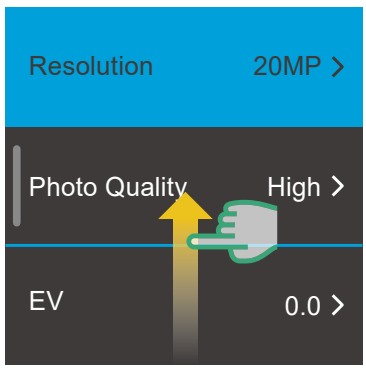
Fine-tune your settings to capture the perfect shot.

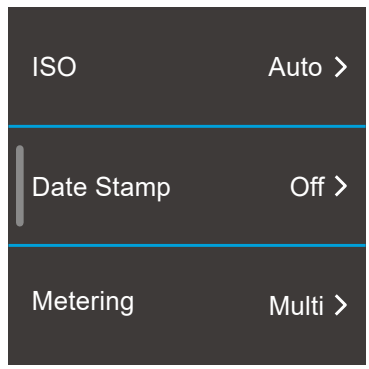
① To begin, ensure your camera is in Photo mode, then tap the Photo Settings icon in the bottom right corner to enter the photo settings screen.



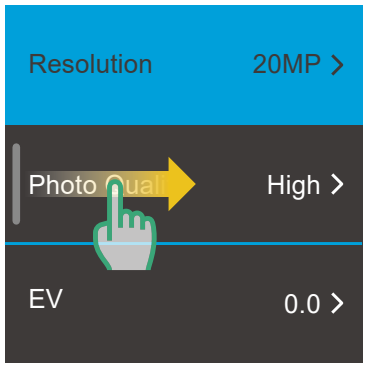


② When on this screen, swipe up to access more photo settings tailored to the chosen photo mode. For a detailed list of these settings, refer to the **Photo Settings Menu** section.





③ After completing the setup, swipe right or press and hold the Up button to return to the preview screen.

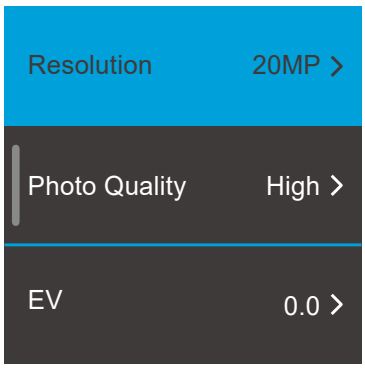


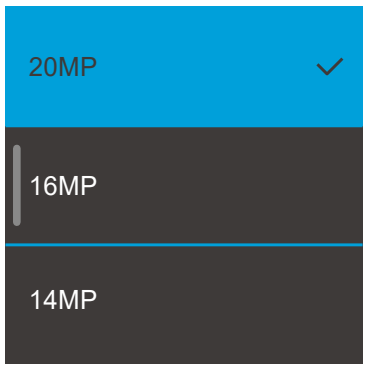
A. Resolution

20MP/16MP/14MP/10MP (default)/8MP/5MP/2MP

This camera is capable of capturing 20MP photos. While higher resolutions yield clearer and more detailed photos owing to the increased pixel count, they also produce larger file sizes.

To adjust the resolution, tap the "**Resolution**" option to access its settings screen.





B. Timer

3 Sec (default)/5 Sec/10 Sec

Set the countdown time in Photo Timer Mode.
Note: This feature is only available in Photo Timer Mode.

C. Interval (Time Lapse)

3 Sec (default)/5 Sec/10 Sec/30 Sec/1 Min

Set the interval at which the camera captures photos in Time Lapse Photo mode. For instance, if you select the “3 Sec” option, then press the Shutter button, the camera will count down 3 seconds and take a photo. The process repeats continuously until you press the Shutter button again.

Note: This feature is only available in Time Lapse Photo Mode.

D. Burst

3 shots (default)/7 shots/15 shots/30 shots

Set the number of photos to be taken continuously in Burst Photo Mode.

Note: This feature is only available in Burst Photo Mode.

E. Exposure Time

1 Sec (default)/2 Sec/3 Sec

Set the duration of exposure while capturing with Light Painting Mode.

Note: This feature is only available in Light Painting Mode.

F. Photo Quality

High (default)/Middle/Low

Adjust the level of detail in your photos. A higher photo quality yields better image quality with more details but results in a large file size.

G. EV

-2/-1/0 (default)/1/2

EV (Exposure Value) lets you adjust the brightness of your photos and videos. A higher EV value creates a brighter image, while a lower value results in a darker image.

H. ISO

Auto (default)/100/200/400/800/1600/3200

ISO controls the image sensor’s sensitivity to light. A higher ISO increases sensitivity, making it valuable in dimly lit conditions, though it may introduce graininess. A lower ISO is ideal for bright conditions, producing clearer images with reduced noise.

I. Date Stamp

Off (default)/On

With Date Stamp enabled, the camera will add a time and date watermark to your photos.

J. Metering

Center/Average (default)

The Keychain 2 action camera offers two metering modes to optimize your shot based on different scenes.

Center: Emphasizes the scene's center, making it ideal for close-up shots, like flowers and grass.

Average: Evaluates the entire scene's brightness to ensure well-balanced exposure and avoid overexposure, making it ideal for selfies.

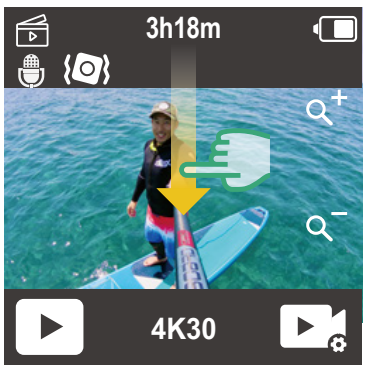
(4) Photo Settings Menu

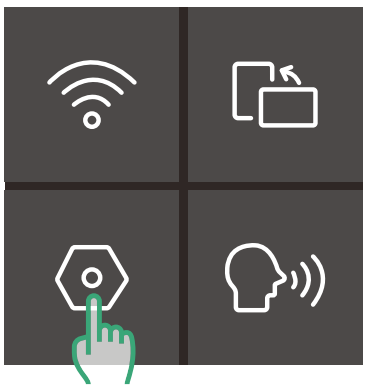
Settings	Photo	Photo Timer	Time Lapse Photo	Burst Photo	Light Painting
Resolution	20MP/16MP/14MP/10MP (default)/8MP/5MP/2MP				
Timer	×	3 Sec (default) /5 Sec/10 Sec	×	×	×
Interval	×	×	3 Sec (default)/ 5 Sec/10 Sec/ 30 Sec/1 Min	×	×
Burst	×	×	×	3 shots (default)/ 7 shots/15 shots/ 30 shots	×
Exposure Time	×	×	×	×	1 Sec (default)/ 2 Sec/3 Sec
Photo Quality	High (default) Middle/Low				
EV	-2/-1/0 (default)/1/2				
ISO	Auto (default)/100/200/400/800/1600/3200				
Date Stamp	Off (default)/On				
Metering	Center (default) Average				

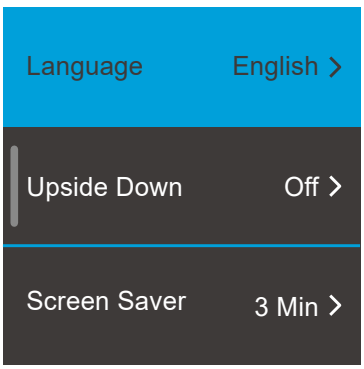
8. System Settings

(1) Accessing System Settings

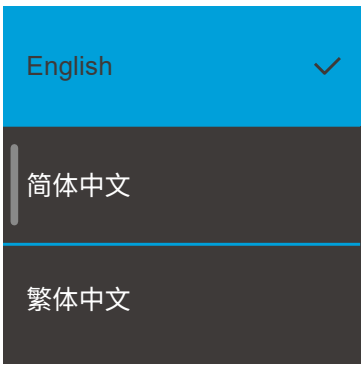
① When on the preview screen, swipe down or press and hold the Down button for 3 seconds to enter the quick menu, then tap the Settings icon to enter the system settings screen for system setup.

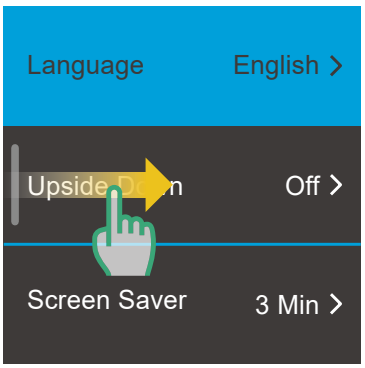


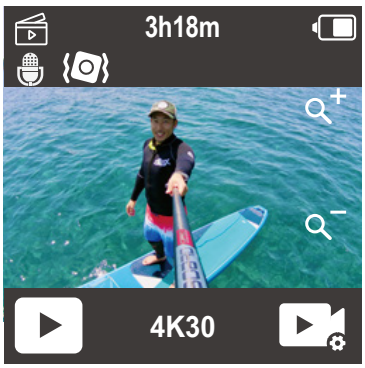




② After completing the setup, swipe right or press and hold the Up button for 3 seconds to return to the preview screen.







(2) Quick Settings Guidance

To exit any screen, press and hold the Up button for 3 seconds or swipe right.

To save and exit the current setting, tap the selected setting or press the OK button.

To return to the preview screen, swipe right from the settings screen.

A. Language

English (default)/简体中文/繁體中文/Deutsch/Français/Italiano/Español/Português/Polski/Dutch/Русский/日本語/한국어/Bahasa Indonesia/Čeština/Română/Dansk/Svenska/Nederlands/Türkçe/ภาษาไทย/Magyar/Suomi/Norsk/Български

Set the system language that appears on the camera screen.

B. Upside Down

Off (default)/On

With Upside Down enabled, the camera can rotate 180 degrees, providing you with different user experiences.

Note: The user interface will also be upside-down when this feature is enabled.

C. Screen Saver

Off/1 Min/3 Min (default)/5 Min

Determine when the camera's display should go dormant to conserve battery. If you need the screen back on, just tap it or press any button.

D. Auto Power Off

Off/1 Min/3 Min (default)/5 Min

Set the duration of inactivity after which the camera automatically powers off. If not operated within the chosen duration, the camera will shut down.

E. Angle

Wide (default)/Medium/Narrow

Adjust the shooting angle. The wide angle captures expansive scenes with a slight trade-off in image quality, while the narrow angle captures the least with intricate detail offered.

F. Filter

Normal (default)/Black & White/Negative/Warm/Brightness Contrast

Choose the tonal quality for your photos or videos to enhance their appeal.

G. Distortion Calibration

Off (default)/On

Correct the fisheye effect common in wide-angle captures, providing images without distortion.

H. WB

Auto (default)/Daylight/Cloudy/Tungsten/Fluorescent/Underwater

WB (White Balance) fine-tunes the color temperature of your videos and photos, ensuring optimal color accuracy in both warm and cool lighting conditions.

I. Anti-Flicker

50Hz/60Hz (default)

Select the frequency for which the video recorded or played back on the TV according to your region. If you live in the northeastern area, please set the power frequency to 60Hz. If you live outside this area, set it to 50Hz. Be sure to select the correct format to avoid the light waves while capturing indoors.

J. One-Click Quick Shot

Off (default)/Last Settings/Video/Time Lapse

Disable this feature or select the video mode in which the camera is to record when this function is activated. The camera will automatically turn on and start recording as soon as you press the Shutter button in the power-off state. To stop recording, simply press the Shutter button again. The camera will then save the video file and power off.

Tip: The camera will count down 3 seconds before it powers off. This lets you swipe up to cancel this recording and continue to use the camera. To disable this feature, simply enter the camera's settings screen.

K. Voice Broadcast

Off (default)/On

Turn the voice broadcast feature on or off. When enabled, the camera provides vocal prompts based on your actions. For instance, if you press the Shutter button during video recording, the camera will announce the prompt “Stop Recording”. The Keychain 2 action camera offers 3 voice prompts: Start Recording, Stop Recording, and Take Photo.

Note: The camera will announce prompts based on its system language. Supported languages include Chinese, English, Japanese, and Russian. If the system language is not set to one of these options, the camera will provide prompts in English by default.

L. Remote Control

Off/On (default)

Turn the remote control feature on or off. you can pair your camera with the included remote for remote operation.

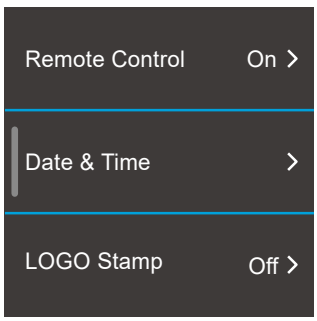
M. Date & Time

YY/MM/DD, MM/DD/YY (default), DD/MM/YY

Manually set your camera’s date and time.

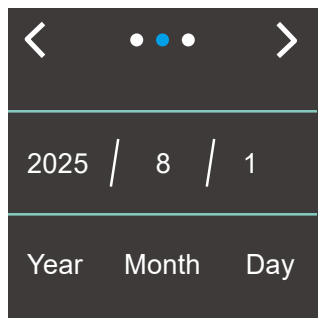
Tip: The camera’s date and time will sync with your phone when it’s connected to the AKASO GO app.

Tap “**Date & Time**” to configure the date format, date, and time. After selecting the settings you want to configure, swipe up or down to change the settings.

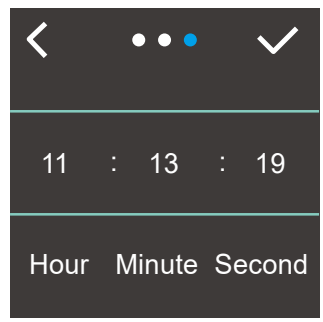


Select “Date & Time”.

Setting Date format.



Setting Date.



Setting Time.

N. LOGO Stamp

Off/On (default)

With this feature enabled, the camera will add a Logo watermark to your videos or photos.

O. Sounds

Turn the shutter, boot-up, and beep tones on or off or adjust the level of the camera's system volume.

① **Shutter**

Off/On (default)

Refers to the tone emitted during photo capturing. The icon turns green when enabled and gray when disabled.

② **Boot-up**

Off/On (default)

Refers to the tone emitted during powering on or off. The icon turns green when enabled and gray when disabled.

③ **Beep**

Off/On (default)

Refers to the tone that is emitted when the button is pressed. The icon turns green when enabled and gray when disabled.

④ **Volume**

0/1/2 (default)/3

Adjust the level of the camera's system volume.

P. Format

Yes/No (default)

Erase all data on your memory card. Formatting will delete all the media files stored in the memory card. Ensure important files are saved elsewhere before proceeding.

Tap the “Format” option to enter the formatting screen. The screen displays “Format? Yes/No”. Tap the “Yes” option to complete formatting.

Q. System

View system or memory card information or reset the camera.

① **Reset**

Yes/No (default)

Reset all settings to their default values, and disconnect any current connection.

② **System info**

View details about your camera, including brand, model, and firmware.

③ **Memory info**

View details about the SD card’s total or remaining storage.

④ **Authentication Info**

View details about the authentication information, including camera model, IC, and FCC ID.

9. Album

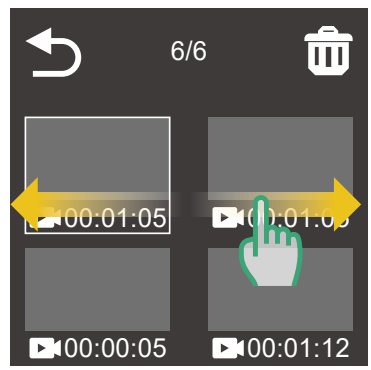
The album allows you to view all the video and photo files stored on the memory card.

(1) Accessing the Album

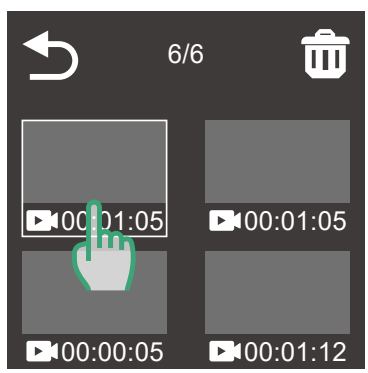
When on the preview screen, tap the Playback icon in the bottom left corner to enter the camera's playback screen, then tap the "Video" or "Photo" icon to access all the video or photo files.

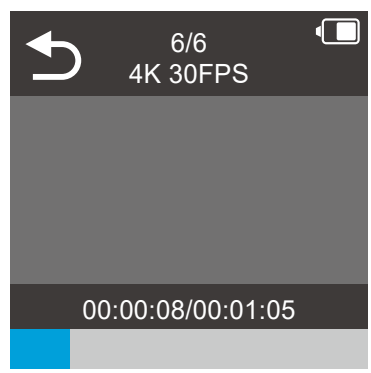
(2) Playback Files on the Camera

① When on the playback screen, tap the **"Video"** or **"Photo"** icon to enter the video or photo set, then swipe left or right to view the previous or next file.

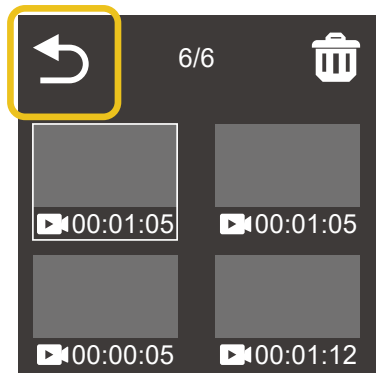


② When in File Thumbnail mode, select the file you want to playback, then tap it in full-screen view. And the selected file will play.





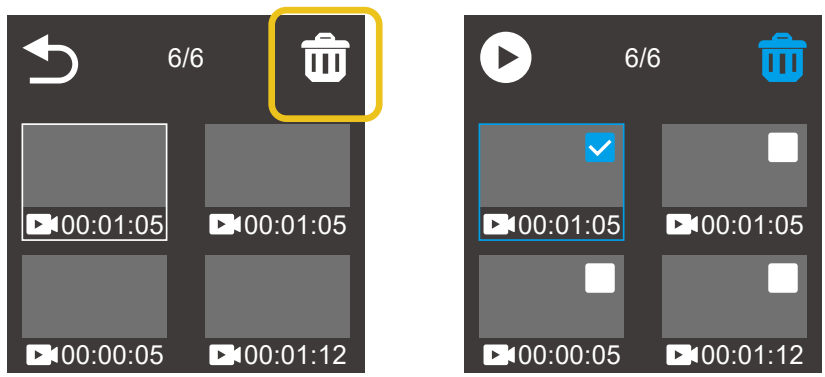
③ To return to the playback screen, tap the “**Return**” icon in the upper left corner or press and hold the Up button for 3 seconds.



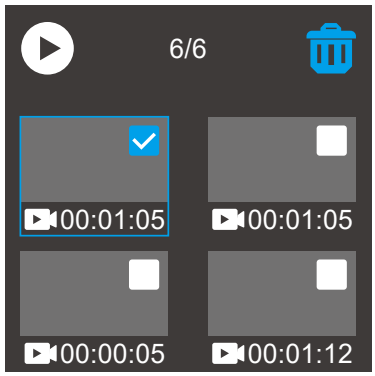
④ To return to the preview screen, tap the “X” icon in the upper right corner or press the Up button.

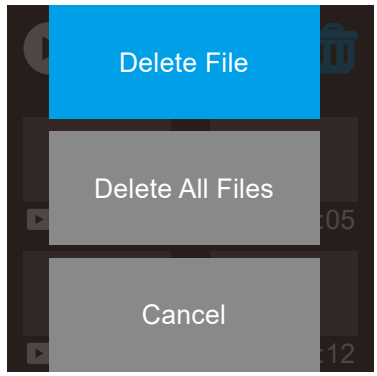
(3) Deleting Files on the Camera

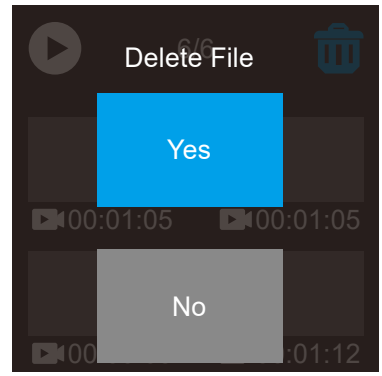
① When in File Thumbnail mode, tap the “**Delete**” icon in the upper right corner to select file you want to delete.



② Tap the “**Delete**” icon again, choose "**Delete File**” or "**Delete All Files**" to delete, then tap "**Yes**" to confirm deletion. The selected file is successfully deleted.







10. Data Transmission

(1) Transferring Files to a Computer

Method 1: Transferring files via a card reader.

① Ensure the camera is turned off, then carefully remove the SD card.

② Insert the SD card into a card reader.

③ Connect the card reader to your computer's USB port.

④ Copy files to your computer for playback or editing.

Method 2: Transferring files via a data cable.

① Connect your camera to the computer using a USB data cable.

② When prompted, select "Mass Storage" as your connection preference. You'll be notified that your camera is now connected to the computer.

③ Navigate to the memory card drive on your computer, then transfer files as desired for playback or editing.

Note: Ensure you're using a USB data cable, not just a charging cable, to enable data transfer.

(2) Using Keychain 2 as a Web Camera

① Connect your camera to the computer using a USB data cable.

② When prompted, select "PC Camera" as your connection preference.

③ Activate your camera as a Webcam. (Some computers may require enabling the "USB Video Device" setting first.)

Note: As a Webcam, the camera's default recording resolution is 1080P at 30fps. Adjust resolution settings using a Webcam tool on your computer; ensure you're using a USB data cable, not just a charging cable, to enable data transfer.

11. Using the Camera's Wifi & AKASO GO App

(1) Features of the Camera’s Wifi

The camera Wifi works to connect the camera to the AKASO GO app to preview or transfer files.

Note: The camera's Wifi will not be connected to the internet. Disconnect it to restore internet access.

(2) Features of the AKASO GO App

① View the camera’s status on your phone.

② Remotely control the camera with your phone.

③ Preview videos and photos stored on the SD card.

④ Edit or share videos or photos captured by your camera.

⑤ Update the camera’s firmware.

Tips:

① Ensure the camera’s Wifi is active before connecting to the AKASO GO app.

② The camera cannot be operated in Wifi mode. Exiting the Wifi screen disconnects the camera Wifi automatically.

③ While connecting the camera Wifi, a “No Internet Connection” or “Weak Security” notification will appear since the phone’s data is paused. Disconnect the app to restore internet access.

(3) Downloading the AKASO GO App

① To sync your camera with the app, download the AKASO GO app from the App Store (iOS) or Google Play (Android) by searching for “AKASO GO”. Alternatively, use the provided QR code.

AKASO GO

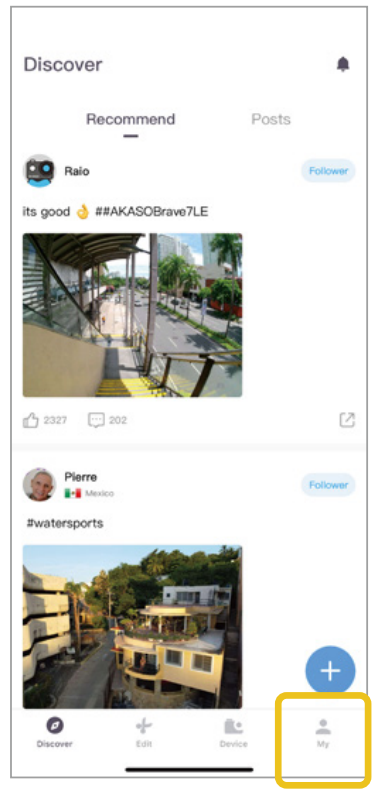
Android

iOS

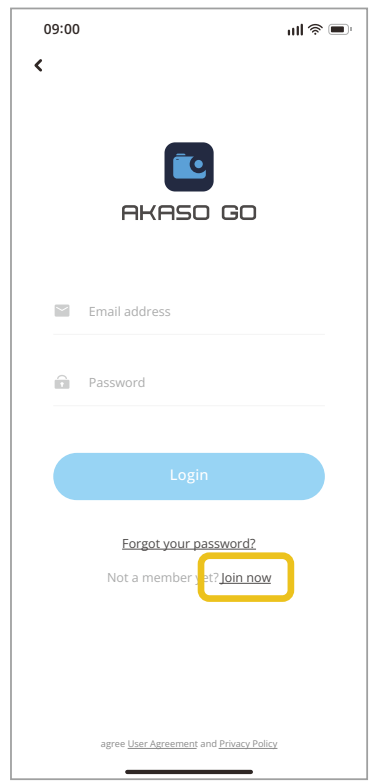
② Access all app features by registering and logging into your AKASO GO account.

(4) Creating An Account for the AKASO GO App

① Open the AKASO GO app, then tap “**My**” in the bottom right corner to enter the registration page.



② Tap “**Join Now**” to enter the required information for login, then tap the “**Log in**” option. Now you successfully create the app account.

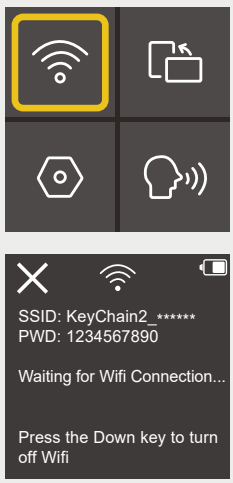


(5) Connecting to the AKASO GO App via Wifi

Please follow the steps below to connect your camera to the AKASO GO app.

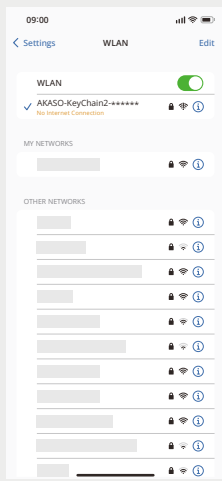
Note: For a successful connection, first allow the app to access your Location and Local Network.

①



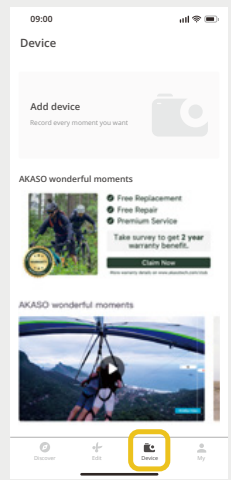
Swipe down to enter the quick menu and tap the Wifi icon to turn on Wifi. The camera will enter Wifi mode and display Wifi information in seconds.

②



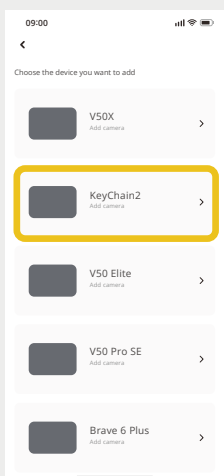
Enter your phone's Wifi settings page, find the camera's Wifi SSID and tap on it, then enter the default password 1234567890 for connection.

③



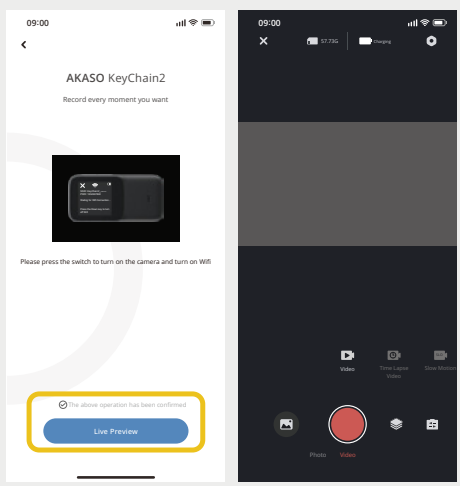
Open the AKASO GO app on your smartphone, tap "Device" at the bottom, then tap "Add Device" in the upper left corner.

④



Select "Keychain 2" from the list to establish a connection.

⑤



Tick "The above operation has been confirmed", and tap "Live Preview". Your camera will be connected to the AKASO GO app in seconds.

Tips:

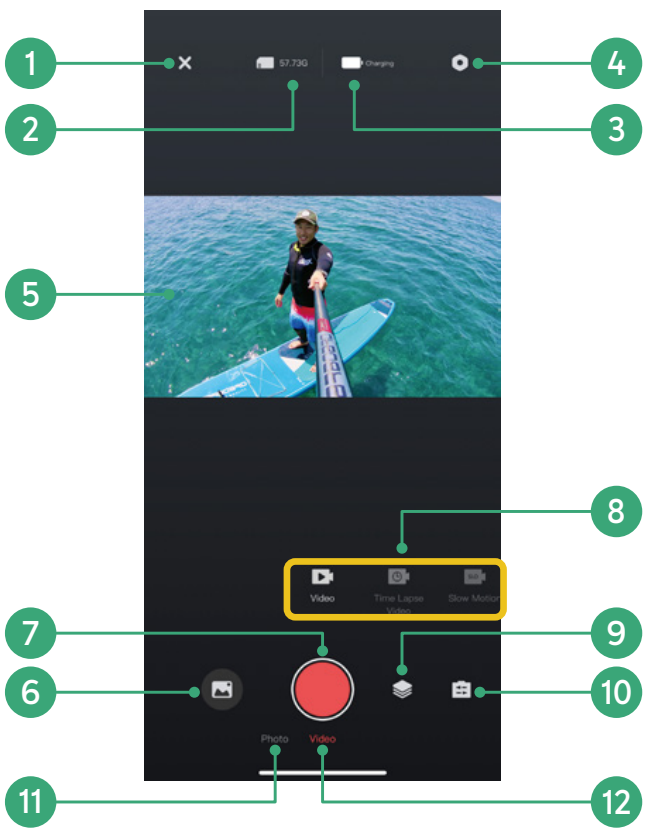
① If you failed to connect the camera's Wifi, please confirm if you successfully turned on the camera's Wifi. Please tap the "Research" option if you can't find the camera's Wifi.

② While connecting the camera's Wifi, a "No Internet Connection" or "Weak Security" notification will appear since the phone's data is paused.

③ The screenshots and steps above are for your reference only.

(6) AKASO GO App Introduction

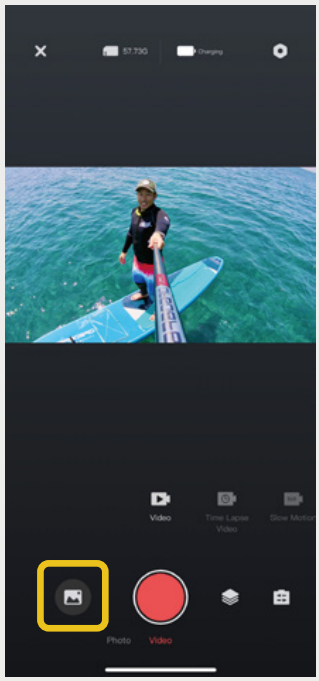
A. User Interface



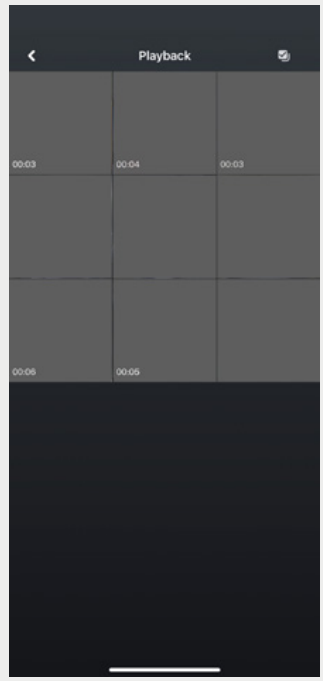
1. Disconnect from the app
2. Remaining Card Capacity
3. Battery Status
4. System Settings
5. Live Feed
6. Album Access
7. Shutter
8. Modes Available
9. Video/Photo Settings
10. Angle Settings
11. Photo Modes
12. Video Modes

B. Album

① Accessing the Album



Step 1: Tap the “Album” icon in the bottom left corner to view videos and photos stored on the SD card.



Step 2. Once inside, swipe up to see all files. Select any file to play it.

Tip: To access files captured by the camera, first allow the app to access your phone's album in Settings → AKASO GO → Photos → All Photos.

② Downloading Files to Your Phone

You can download video or photo files stored in the memory card via the AKASO GO app.

Follow the steps below to download files from the app to your phone.

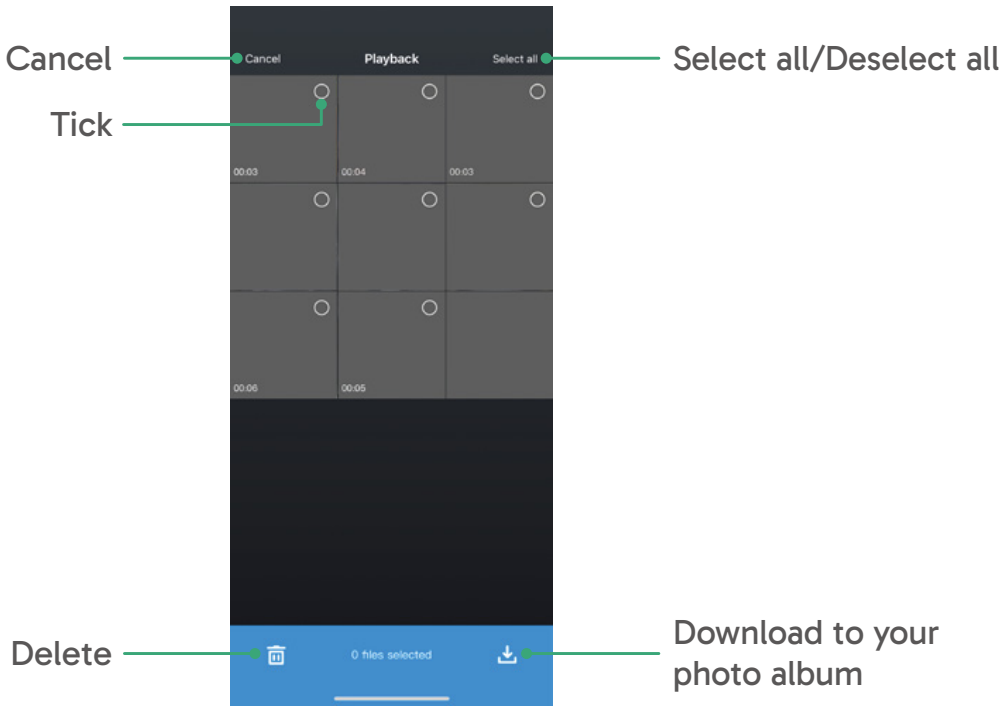
Step 1: Access the album and tap the “Select” icon in the upper right corner.

Step 2: Select the file you want to download.

Step 3: Tap the “Download” icon in the bottom right corner and confirm the download.

Step 4: The file will be saved to your phone’s gallery once the download completes.

Note: Do not alter Wifi settings or disconnect from the app during download.



③ Delete Files on the App

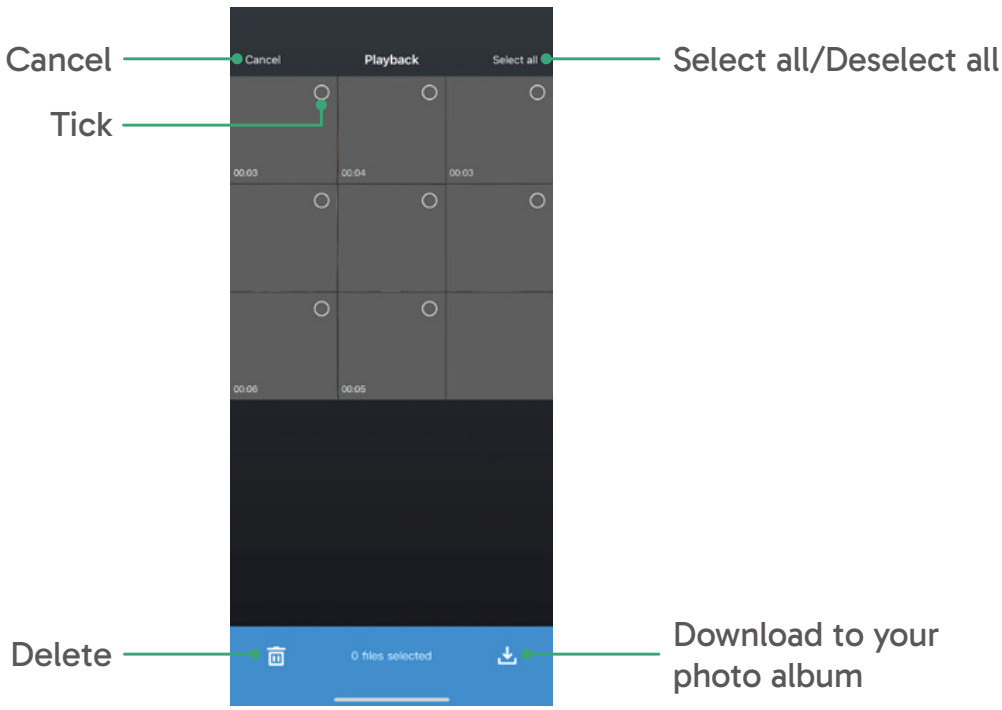
Follow the steps below to delete files on the app.

Step 1: Access the album and tap the “Select” icon in the upper right corner.

Step 2: Select the file you want to delete.

Step 3: Tap the “Delete” icon in the bottom left corner and confirm the deletion.

Step 4: The selected file is now deleted.



Note: Do not alter Wifi settings or disconnect from the app during deletion.

C. OTA Upgrade

Why do you need to perform OTA updates?

OTA updates are of great importance to enhance your user experience, expand the camera's capabilities, and improve its performance and responsiveness. It is strongly recommended that you perform regular OTA updates via the AKASO GO app, as new upgrade packages for your camera are released frequently.

What do you need to do before an OTA update?

Before initiating an OTA update, ensure:

① Your camera's firmware supports OTA updates.

② You've installed the latest AKASO GO app on your smartphone.

③ A functional Micro SD card is in the camera.

④ Your phone has sufficient available memory.

What do you need to pay attention to before the OTA update?

Before initiating an OTA update, please note the following precautions:

① Review these guidelines thoroughly.

② Always keep the AKASO GO app updated.

③ Use a camera-compatible Micro SD card to prevent update glitches. (The card's ability to record guarantees compatibility.)

④ Maintain a camera battery charge above 60%.

⑤ Set "Auto Power Off" and "Screen Saver" to "Off", ensuring no disruptions during the update.

⑥ Conduct the update in areas with robust network coverage to prevent upgrade failures caused by poor network conditions.

⑦ Stay connected to the app and the internet throughout the update process.

⑧ Avoid operating the camera during the upgrade, including actions like inserting or

removing the SD card, powering the camera on or off, and any other interactions that might disrupt the update.

How to perform the OTA update?

① Download the latest firmware. (**Hint:** If your phone has 4G or 5G network enabled, you can skip Steps 3 and 4 since the firmware will automatically download without requiring a network switch.)

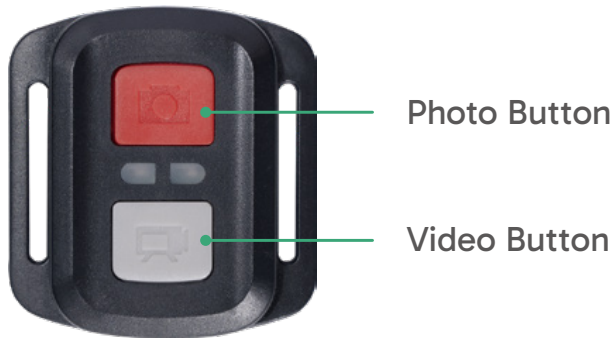
Step 1: In the app's System Settings, tap "Firmware update" to access the download screen.	Step 2: Verify the firmware update version, then tap "Download".	Step 3: Upon receiving a "Connected to the Internet" prompt, select "Switch Networks". This will prompt network settings.	Step 4: Switch to an available network and tap "Completed".	Step 5: The app will automatically download the firmware upgrade package. Ensure a stable network connection until the download is complete.

② Upgrade the firmware. (After the update, activate your camera and verify its version: **System→System info.**)

Step 6: After successfully downloading the firmware upgrade package, tap "Connect to the Camera". A "Connect to the Camera Wifi" prompt will appear.	Step 7: Tap the "Connect" option on the prompt.	Step 8: Once connected to the camera's Wifi, the app will display "Please Wait", and the camera screen shows "Firmware upgrading", indicating the upgrade is in progress. The camera's blue indicator light will flash after remaining steady. Note: This usually takes about one minute. Please be patient.	Step 9: The app will show "Update Completed" when the upgrade is done. The camera will be powered off with the blue indicator light turning off.

12. Remote Control

With the camera connected to the included remote, you can remotely control the camera to take photos or record videos.



Note: The remote is splashproof only.

(1) Connecting to the Remote

Follow the steps below to connect your camera to the remote control.

Step 1: Swipe down from the preview screen to enter the quick menu, and scroll down to find the “Remote Control” option.

Step 2: Select the "On" option to enable this feature.

Step 3: Return to the preview screen. You’re all set for the remote control.

Note: To ensure successful remote control, make sure the remote has sufficient battery charge and is used within a 10-meter range when operating your camera.

Video

To record video, first make sure the camera is in Video mode, then press the Video button. The camera's working indicator will be flashing during video recording. To stop recording, press the Video button again.

Photo

To capture a photo, first make sure the camera is in Photo mode, then press the Photo button. The camera will emit a shutter sound indicating the completion of the shot.

Burst Photo

To capture burst photos, first verify the camera is in Burst Photo mode, then press the Photo button. The camera will emit a shutter sound indicating the completion of the shot.

Time Lapse

To capture time lapse photos or videos, first verify the camera is in Time Lapse mode, then press the Photo or Video button.

(2) Replacing the CR2032 Battery of the Remote

① Use a screwdriver to remove the 4 screws on the back cover of the remote, allowing you to open it.

② Remove another 4 screws on the remote's circuit board.

③ Lift the circuit board and slide out the battery, as shown below.

Note: Avoid rotating the circuit board to prevent reversing the remote control buttons.

④ Install the new battery, keeping the “+” pole facing up.

⑤ Install all the 4 screws back onto the circuit board.

(6) Install all the 4 screws back into the cover.

⚠ WARNING

- **INGESTION HAZARD:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH of CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.

a) Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.

b) Even used batteries may cause severe injury or death.

c) Call a local poison control center for treatment information.

d) CR2032

e) DC 3V

f) Non-rechargeable batteries are not to be recharged.

g) Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating 60°C) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

h) Ensure the batteries are installed correctly according to polarity (+ and -).

Do not mix old and new batteries, different brands or types of batteries, such as alkaline, carbon-zinc, or rechargeable batteries.

Remove and immediately recycle or dispose of batteries from equipment not used for an extended period of time according to local regulations.

Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the product, remove the batteries, and keep them away from children.

13. Mounting Your Keychain 2 Action Camera

Enhance your user experience by mounting the camera to various gear like helmets and more. Here's a quick guide.

Note: Always ensure the camera is securely placed in the protective camera frame; if you plan a deep dive, pop the Keychain 2 action camera in a waterproof housing to prevent it from getting soaked.

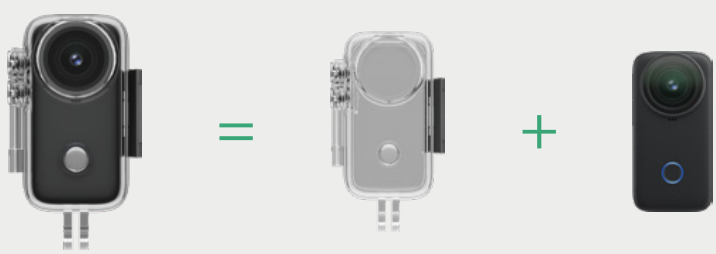
Mount the Camera onto the Camera Frame

Mount the Camera onto the Handlebar

Note: The handlebar mount is sold separately.

Mount the Camera onto the Helmet

Mount the Camera onto the Waterproof Housing



To get more accessories and extend your setup for more fun, visit this link: https://www.akasotech.com/category/Accessories?c=6.

14. Troubleshooting

For in-depth troubleshooting guidance, please refer to AKASO official technical support page: https://support.akasotech.com/hc/en-us.

15. Expanding Camera Lifespan

(1) Charge fully the Keychain 2 action camera before using it for the first time.

(2) Use the Screensaver setting or capture at lower resolutions and frame rates.

(3) Charge the camera fully before storage.

(4) Use the camera within its operating temperature, as its performance may be its impacted if used in excessively high or low temperatures.

16. Notes

(1) To prevent potential damage, use only AKASO charging cables.

(2) Capturing at higher resolutions or frame rates, especially in warmer conditions may cause the camera to consume more and heat up.

(3) The AKASO GO app might generate extra heat and drain power faster in areas with unstable network connectivity.

(4) If the camera overheats, let it cool down before using it again. Additionally, record videos at lower resolutions and frame rates or try to use features that consume less power.

17. Precautions

(1) We do not guarantee any reason to give returns within 7 days from the date of purchase.

(2) Products damaged by misuse are not eligible for returns.

(3) The product must be returned brand new, together with all its accessories, including paperwork, in its complete original packaging. Please do not dismantle the product for checking, or destroy the packaging.

(4) Incomplete, lost, or damaged original packaging may render the product ineligible for returns.

(5) Using the camera while bathing or in hot springs may result in water damage.

18. Contact Us

(888) 466-9222 (US) cs@akasotech.com www.akasotech.com

For any inquiries about AKASO products, please feel free to contact us.
We will respond within 24 hours.