AKASO

Brave 7

ACTION CAMERA

USER MANUAL

19D-V1.1

EN

Content

Important Messages ----------01

Micro SD Card Use ---------- 02

IPX8 Waterproof Rating ---------- 03

1. Specifications ---------- 04

2. What's in the Box ---------- 05

3. Your Brave 7 Action Camera ---------- 06

4. First Use ---------- 07

(1) Installing the Battery ----------07

(2) Charging the Camera ----------07

(3) Installing the Memory Card ---------- 08

5. Getting Started ---------- 09

(1) Powering on and off ---------- 09

(2) Preview Screen ---------- 09

(3) Using the Shutter Button ---------- 09

(4) Button Operation Overview ----------10

(5) Indicator Overview ----------10

(6) Quickly Switching Modes ---------- 11

(7) Switching Screens ---------- 11

(8) Setting Resolution ----------12

(9) Using Image Stabilization ----------12

(10) Zooming in or out ----------13

(11) Turning Audio Recording on or off ----------13

(12) Accessing the Album ----------13

(13) Quick Operation Guide ----------14

EN

6. Quick Menu Access ----------15

(1) Using Voice Control----------15

(2) Using Auto Flip----------16

(3) Using the Device's Wifi----------16

(4) Adjusting Screen Brightness---------- 17

(5) Using Screen Lock ---------- 17

(6) Using Grid ---------- 17

(7) Using One-Click Quick Shot ---------- 17

(8) Accessing System Settings ---------- 17

7. Recording Video ----------18

(1) Switching Video Modes ----------18

(2) Overview of Video Modes ----------19

(3) Video Settings ---------- 20

(4) Video Settings Menu ----------25

8. Taking Photos ---------- 26

(1) Switching Photo Modes ----------26

(2) Overview of Photo Modes ----------26

(3) Photo Settings ----------27

(4) Photo Settings Menu ---------- 31

9. Customizing Your Brave 7 ---------- 33

(1) Configuring System Settings ----------33

(2) Configuring General Settings ---------- 34

10. Album ---------- 37

(1) Accessing the Album ----------37

(2) Overview of the Album Screen----------37

(3) Playback Files on the Camera ---------- 38

(4) Deleting Files on the Camera ---------- 38

EN

11. Data Transmission---------- 40

(1) Transferring Files to a Computer ---------- 40

(2) Using Brave 7 as a Web Camera ---------- 40

12. Using the Camera's Wifi & AKASO GO App ----------41

(1) Features of the Camera's Wifi---------- 41

(2) Features of the AKASO GO App ---------- 41

(3) Downloading the AKASO GO App---------- 41

(4) Creating an Account for the AKASO GO App ----------42

(5) Connecting to the AKASO GO App via Wifi----------43

(6) AKASO GO App Introduction ---------- 44

13. Remote ---------- 50

(1) Connecting to the Remote ---------- 50

(2) Replacing the CR2032 Battery of the Remote----------51

14. Mounting Your Brave 7 Action Camera ---------- 54

15. Troubleshooting ---------- 56

16. Battery Maintenance---------- 56

(1) Maximizing Battery Life ---------- 56

(2) Notes---------- 56

(3) Battery Storage and Handling ----------57

17. Precautions ---------- 58

18. Contact Us ---------- 58

Important Messages

Congratulations on your new AKASO Brave 7 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 waterproof, but make sure all covers are tightly closed and the lens area is free from debris 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. Avoid charging the camera for long periods of time. While charging, keep the camera away from kids and pets to prevent accidents.
7. Remove the battery from the camera if you don't plan to use it for an extended period.
8. Store the camera away from sharp objects and moisture-prone areas.

Micro SD Card Use

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

1. Rated Class V30, UHS-3, or higher
2. Capacity up to 512 GB (FAT32)

Tips:

1. Format the memory card in the camera before using it to ensure compatibility.
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. Regularly reformat your memory card for optimal performance. Remember, reformatting erases all data, so transfer your photos and videos before reformatting. 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.

IPX8 Waterproof Rating

The Brave 7 action camera boasts an IPX8 waterproof rating, allowing submersion up to 10 meters (33 feet) deep without an external case. However, always ensure the protective covers are tightly sealed to prevent any leakage. Listen for a click - this means the covers are securely fastened and you can begin your underwater adventure with peace of mind. And with the camera in the waterproof housing, you're free to dive up to 40 meters (131 feet) deep with peace of mind.

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

1. Specifications

Brand	AKASO
Product Name	Action Camera
Model	Brave 7
Product Size	66×46×33mm
Net Weight	112 g
Material	Plastic, silicone, glass
Battery Capacity	1350 mAh
Battery Life	Around 80 minutes of recording time in 4K30. Note: The actual battery life may vary based on the environment and usage.
Wireless Network	RF 2.4G+Wifi 2.4GHz
Camera Waterproof Rating	IPX8
Operating Temperature	-5°C~45°C (23°F~113°F)
External Microphone	Supported external microphones with a Type-C interface. Note: The external microphone is sold separately.

2. What's in the Box

Brave 7
× 1

Camera Frame
x 1

Battery Charger
x 1

Battery
x 2

USB Cable
x 1

Remote Control
x 1

Remote Control
Strap x 1

Spanner
× 1

Helmet Mount
x 1

Helmet Mount 2
x 1

Buckle Mount
× 1

J-Hook Mount
x 1

E Mount
× 1

C Mount
× 1

D Mount
× 1

F Mount
× 1

A Mount
× 1

H Mount
× 1

Bandage
× 4

Tether
× 5

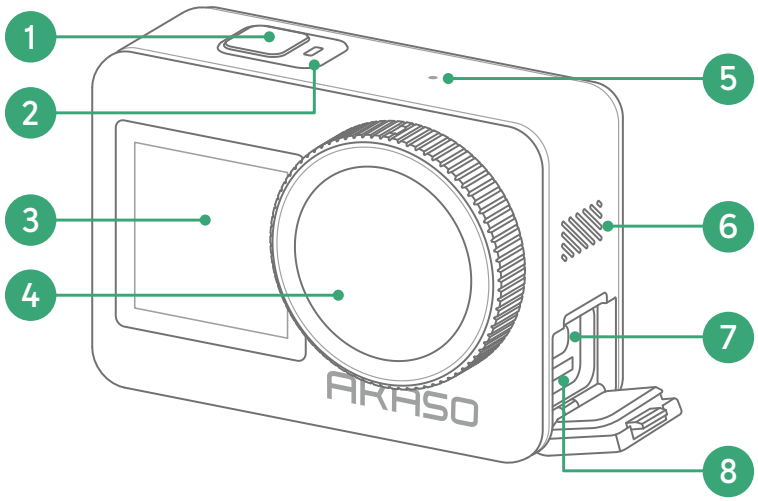
Lens Cloth
x 1

Double-Sided
Adhesive Tape × 2

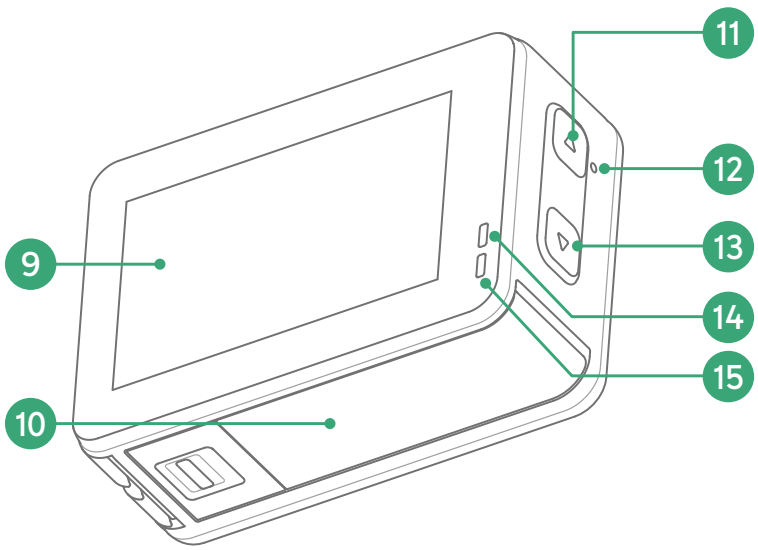
Quick Start Guide
x 1

EN

3. Your Brave 7 Action Camera



1. Power/Shutter/OK Button
2. Working Indicator
3. Front Screen
4. Lens
5. Microphone
6. Speaker
7. USB/External Mic Port
8. Micro SD Card Slot

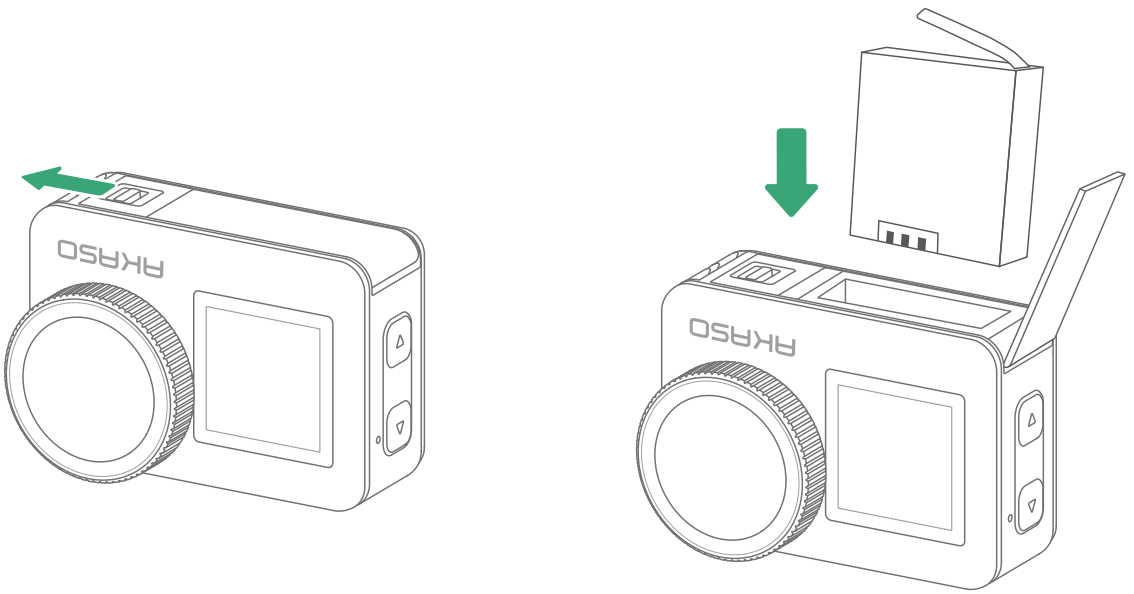


9. Touch Screen
10. Battery Cover
11. Up Button
12. Microphone
13. Down Button
14. Charging Indicator
15. Working Indicator

4. First Use

(1) Installing the Battery

To install the battery, press the buckle of the battery cover to open it, then place the battery into its slot and close the battery cover. To remove the battery, pull the battery strip.



(2) Charging the Camera

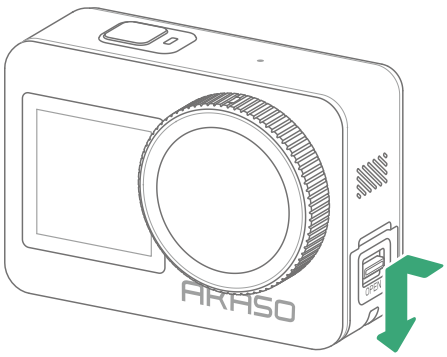
Before using the camera for the first time, please fully charge the camera. To do this, locate the USB power port, and connect the camera to a USB adapter or computer using the USB cable. Once fully charged, disconnect the cable and ensure the charging cover is securely fastened.

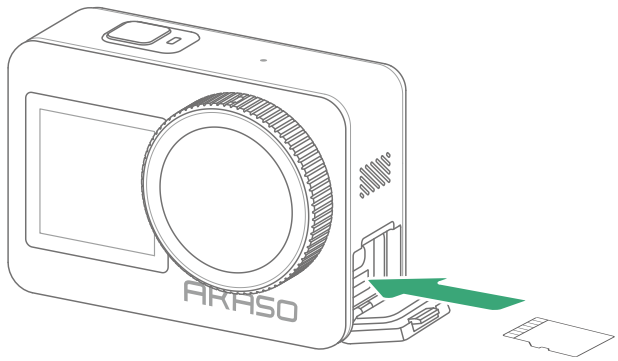
Tip: You can also charge the battery on the battery charger before installing it onto the camera. The battery charger indicator turns red while charging and blue when fully charged.

(3) Installing the Memory Card

First locate the memory card slot, then insert the memory card in the illustrated direction. 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.



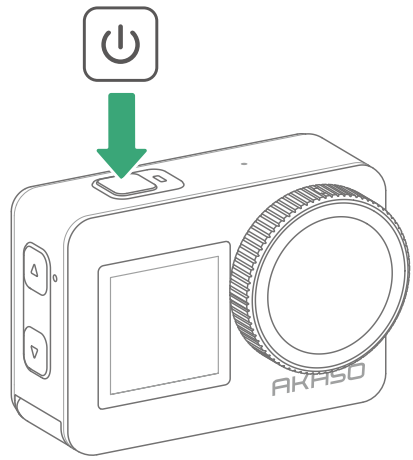


5. Getting Started

(1) Powering on and off

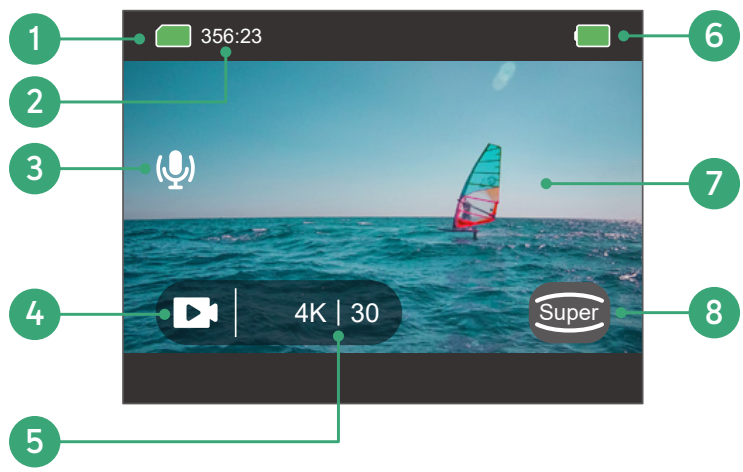
Powering on: While the camera is off, press and hold the Power button for three seconds to turn it on.

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



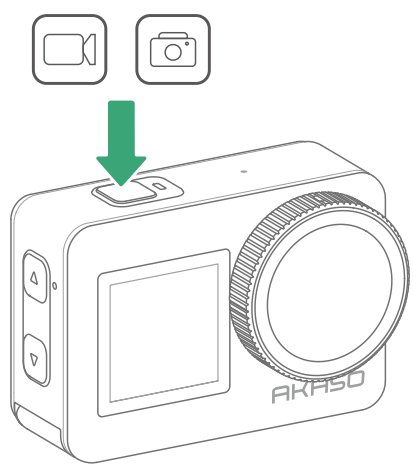
(2) Preview Screen

1. SD Card Capacity
2. Remaining Card Capacity
3. Audio Recording Status
4. Current Shooting Mode
5. Current Resolution
6. Battery Level
7. Preview Screen
8. Zoom



(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) Button Operation Overview

Using different buttons allows you to perform various operations. For more details, see the table below:

Buttons	Operation	Functions
Power/ Shutter/ OK Button	Press and hold	While the camera is on or off, press and hold for one second to turn it off or on.
	Press	When the camera is in Settings mode, press to confirm.
		When in Video mode, press to start video recording. Press again to stop recording; when in Photo mode, press to take a photo.
Up Button	Press and hold	When on the preview screen, press and hold to toggle between Video and Photo modes.
	Press	When on the preview screen, press to zoom in; when in Wifi mode, press to quit Wifi.
		While the camera is off with One-Click Quick Shot enabled, press to turn on the camera and start recording.
Down Button	Press and hold	When on the preview screen, press and hold to switch between the front and touch screen.
	Press	When on the preview screen, press to zoom out.

(5) Indicator Overview

Working Indicator (Blue)

Quickly flashes twice and remains on when powering on; quickly flashes twice and blacks out when powering off.

Flashes every second when recording video; remains on when stopping recording.

Flashes once when taking a photo; flashes each time the photo is taken in Burst mode.

Charging Indicator (Red)

Remains on when charging; blacks out when fully charged.

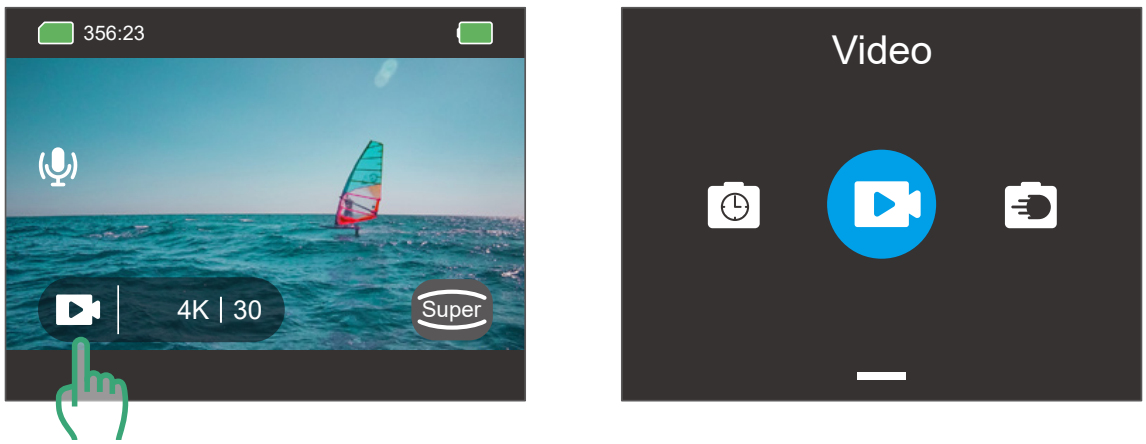
Wifi Indicator (Green)

Flashes slowly when Wifi is enabled, goes out when disabled, and remains on when connected.

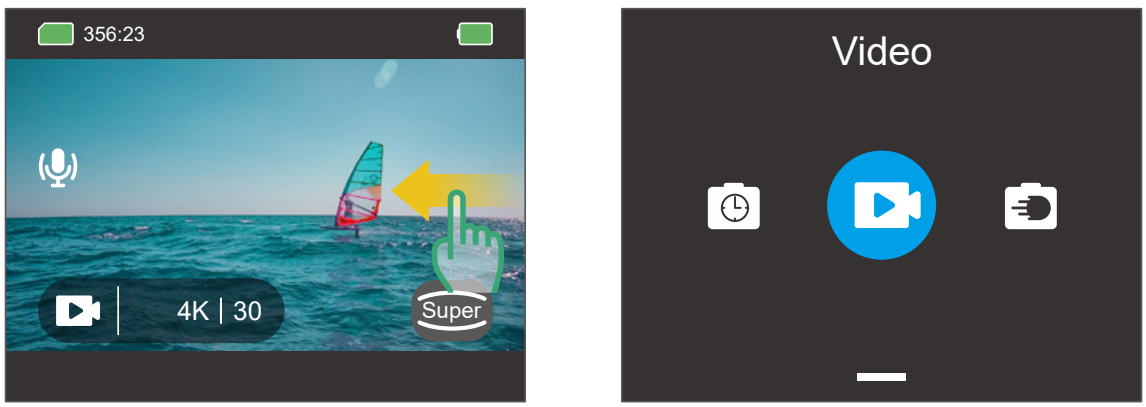
(6) Quickly Switching Modes

There are two ways to quickly switch modes.

Method 1: When on the preview screen, tap the current mode icon to access the mode menu screen, then swipe left or right to select a desired mode.



Method 2: When on the preview screen, swipe left to access the mode menu screen, then swipe left or right to select a desired mode.



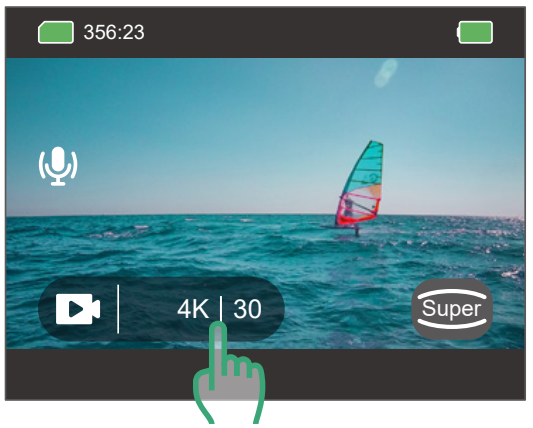
(7) Switching Screens

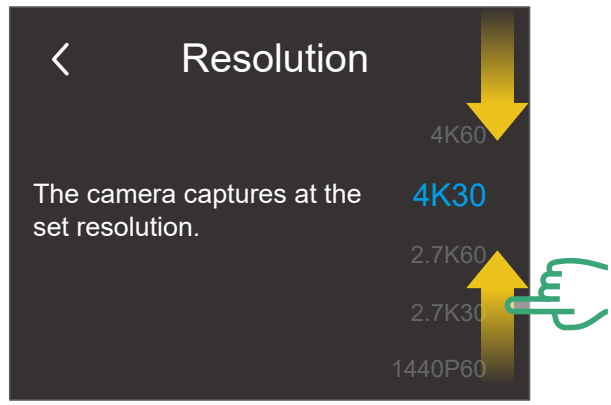
When on the preview screen, press and hold the Down button to switch between front and touch screens.

Note: Touch operation is not supported on the front screen.

(8) Setting Resolution

When on the preview screen, tap the resolution icon to access the resolution settings screen, then swipe up or down to select a desired resolution.





(9) Using Image Stabilization

With Image Stabilization enabled, the camera will deliver smooth and pristine videos by smoothing out camera shakes with its Electronic Image Stabilization algorithm. This feature is ideal for capturing scenes involving activities like riding, skating, and handheld use. To turn this feature on or off, swipe up from the preview screen to enter the video settings screen and tap the “Image Stabilization” option.

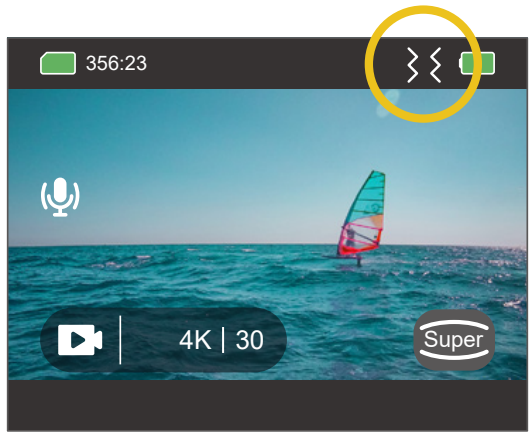
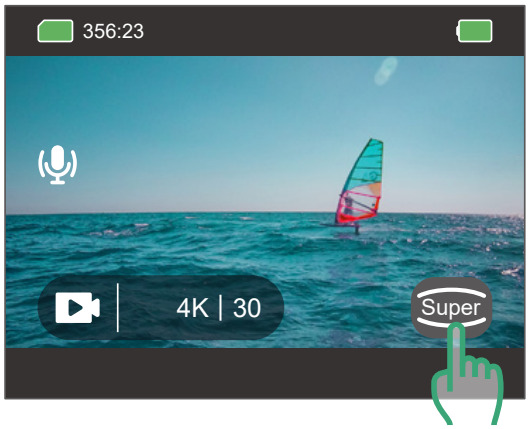


Image Stabilization Enabled

Note: This feature is available only in Video Mode.

(10) Zooming in or out

You can adjust viewing angles by tapping the Zoom icon in the bottom right corner or using the Up/Down button. There are four options to choose from: Super Wide, Wide, Portrait Perspective, and Narrow.



(11) Turning Audio Recording on or off

When disabled, the camera will record video without audio, and vice versa. To turn this feature on or off, simply tap the Microphone icon on the screen or enter the video settings screen to locate the Audio Recording setting.

Note: This feature is available only in Video Mode; the camera does not record sound when it's in the waterproof case.

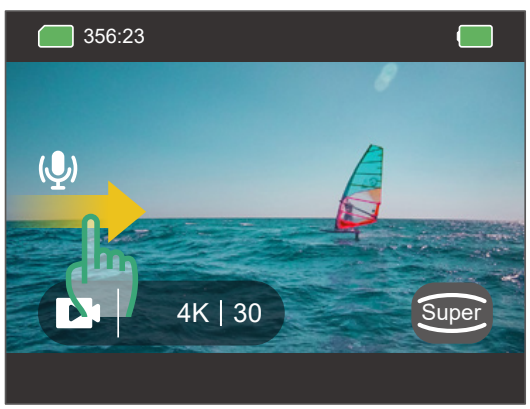
Audio Recording On

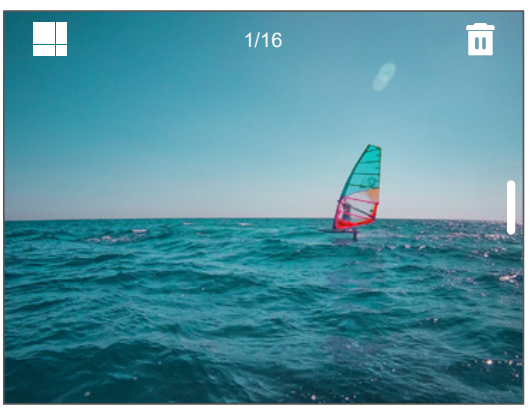
Audio Recording Off

(12) Accessing the Album

Access videos or photos captured by your camera.

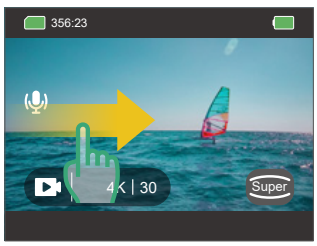
To access the album, simply swipe right on the preview screen.

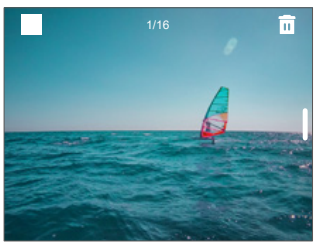




EN

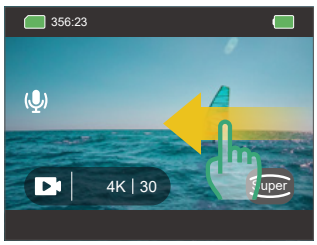
(13) Quick Operation Guide

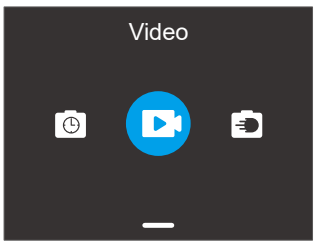




Swipe right to access the album

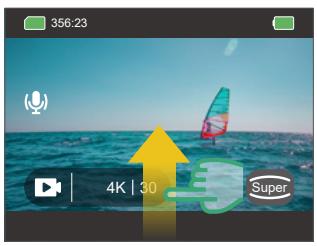
When on the preview screen, swipe right to preview all captured videos and photos.

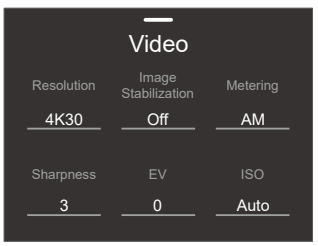




Swipe left to access the mode menu

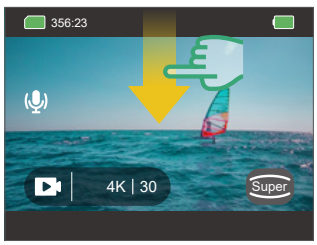
Swipe left to enter the mode menu. Swipe left or right to select your desired shooting mode.

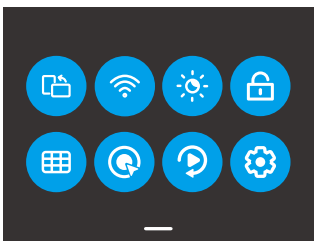




Swipe up to access the video/photo settings

Swipe up to navigate to the video or photo settings screen.



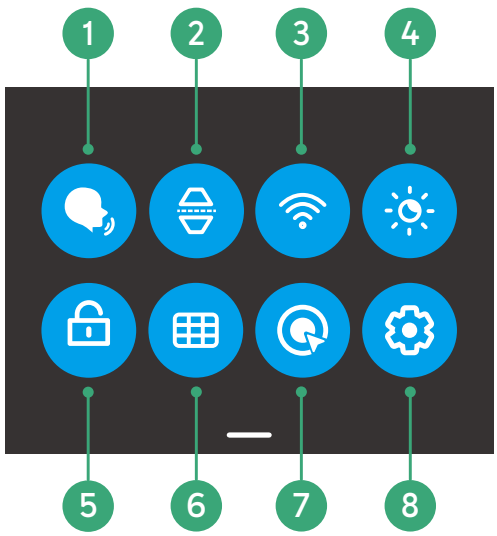


Swipe down to access the quick menu

Simply swipe down to open the quick menu.

6. Accessing the Quick Menu

To access the quick menu, simply swipe down from the preview screen. When in the quick menu, tap any of the icons to quickly turn a feature on or off.

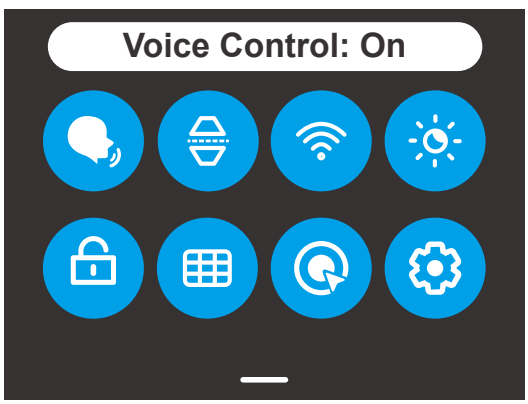


1. Voice Control
2. Auto Flip
3. Wifi
4. Screen Brightness
5. Screen Lock
6. Grid
7. One-Click Quick Shot
8. Settings

(1) Using Voice Control

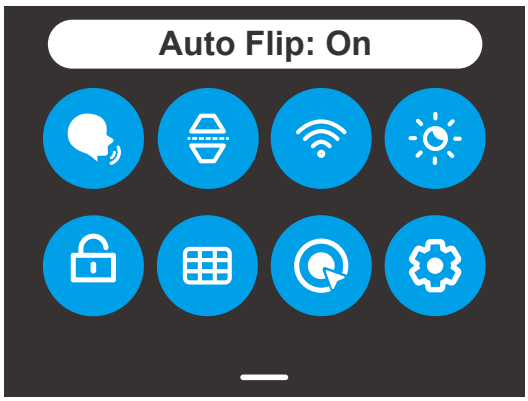
Voice Control offers hands-free operation using supported voice commands. With Voice Control enabled, you can issue any supported voice command to the camera. The camera will respond to the given voice commands and execute various functions. For a comprehensive list of voice commands, see the section **System Settings → General Settings → Voice Commands.**

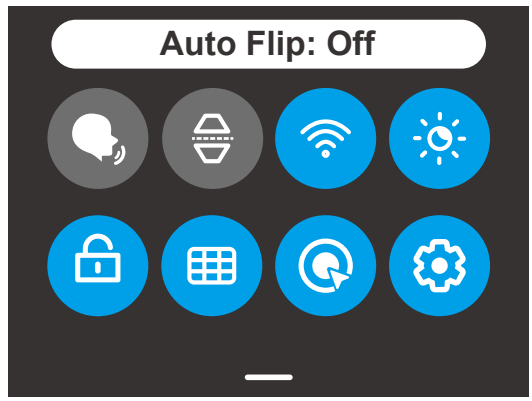
Tap the Voice Control icon on the quick menu to toggle this feature. A blue icon indicates it's active; a gray one means it's off.



(2) Using Auto Flip

Turn this feature on or off by tapping its icon in the quick menu. With this feature enabled, the camera intuitively captures vertical shots when held upright, and switches to wide screen when held sideways, allowing for a more pleasant capture experience.



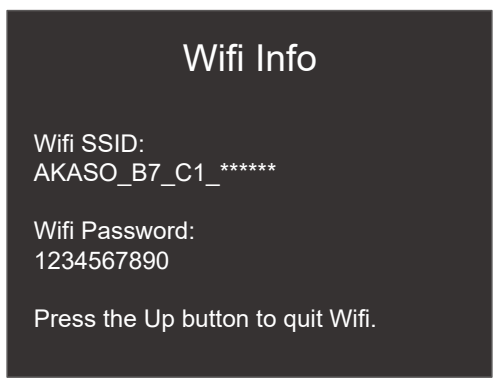


Tip: The screen layout will adapt as you turn it. 4K60fps resolution and the JPEG+DNG format are not supported in Vertical Mode.

(3) Using the Device's Wifi

Turn on the camera's Wifi by tapping the Wifi icon in the quick menu. The built-in Wifi connects the Brave 7 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.**

With Wifi enabled, the camera will then enter Wifi mode with Wifi information displayed in seconds. To turn off Wifi, simply press the Up button to exit the Wifi screen.



Note: If the camera's Wifi is activated but not linked to the app within 3 minutes, it will auto-disable. Re-activate the camera's Wifi to reconnect to the app.

(4) Adjusting Screen Brightness

Modify screen brightness by tapping its icon in the quick menu. With Screen Brightness enabled, the screen brightness is adjusted to the highest level. While disabled, the screen brightness is set to the normal level.

(5) Using Screen Lock

Tap the screen lock icon in the quick menu to lock the camera screen. To unlock the screen, tap the Lock icon and swipe the slider upwards. This feature ensures the camera remains locked—ideal for underwater scenarios.

(6) Using Grid

Turn this feature on or off by tapping its icon in the quick menu. The grid feature can enhance video quality by helping you properly compose shots and select optimal viewing angles.

(7) Using One-Click Quick Shot

Turn this feature on or off by tapping its icon in the quick menu. When enabled, the camera will automatically turn on and start recording as soon as you press the Up button in the power-off state. To stop recording, simply press the Shutter button. The camera will then save the video file and power off. If you do not want to use this feature anymore, press and hold the Shutter button to turn on the camera and disable it in the quick menu.

(8) Accessing System Settings

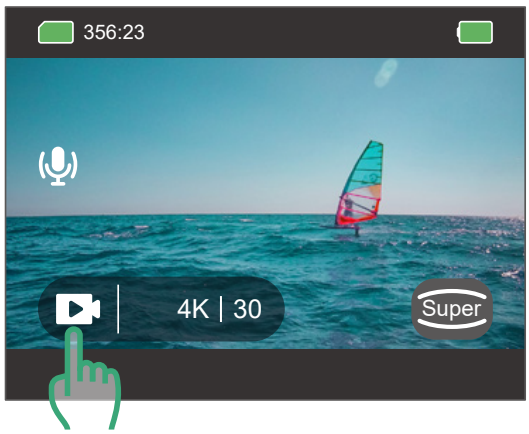
Simply tap the Settings icon to enter the system settings screen and customize your Brave 7 action camera.

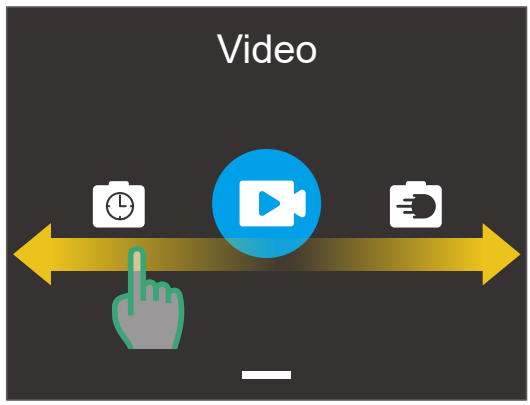
7. Recording Video

The Brave 7 action camera boasts four video modes: Video, Time Lapse Video, Hyperlapse, and Slow Motion. The camera is turned on in Video mode by default.

(1) Switching Video Modes

① When on the preview screen, tap the mode icon in the bottom left corner or swipe left to enter the mode menu, then swipe left or right to navigate among the available options.





② Once you've selected your mode, wait 5 seconds for the camera to automatically transition to the chosen 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.

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 span 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.

C. 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.

D. Slow Motion Mode

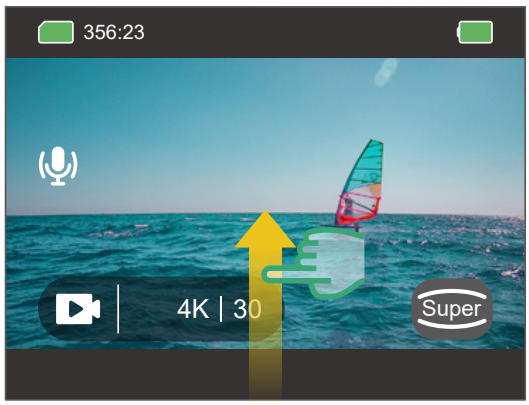
The Slow Motion mode allows the camera to capture footage at your chosen resolution and speed ratio, but it saves the video at a playback rate of 30 fps. This ensures that on playback, the video displays in a captivating slow-motion effect.

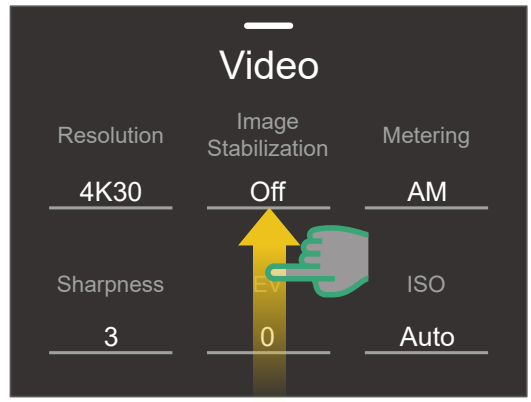
For instance, a 10-second clip shot at 720P 4X results in a 40-second video played at 720P30fps. Essentially, the video is played four times slower, making this mode perfect for capturing fast-moving scenes.

(3) Video Settings

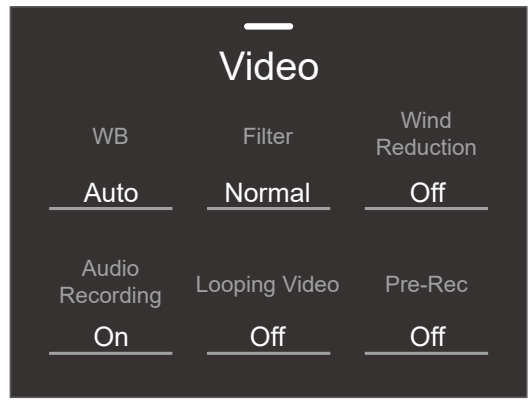
Customize your settings for an engaging video experience.

① To begin, ensure your camera is in any of the available video modes, then swipe up to enter the video settings screen.

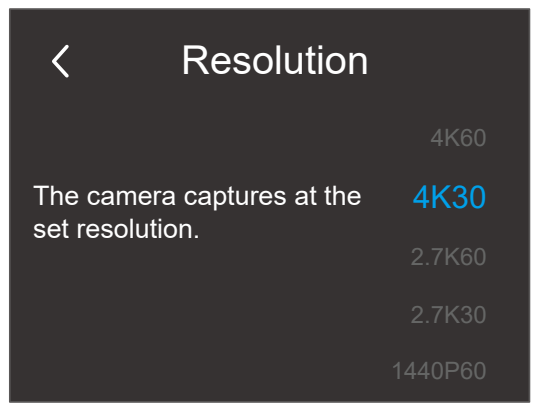




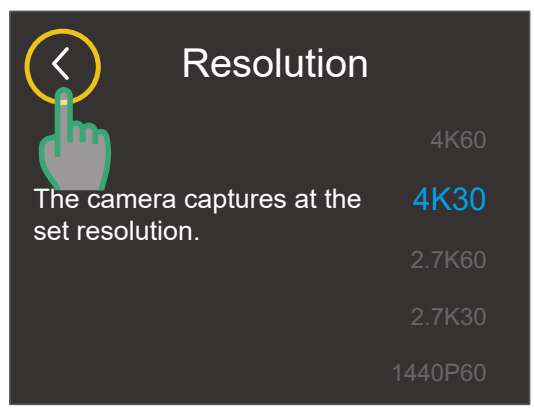
② When on this screen, swipe up to access more video settings options tailored to the chosen video mode.



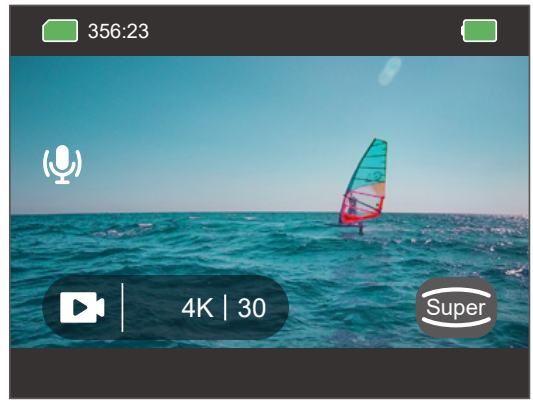
③ When on each settings screen, swipe up or down to select a desired setting.



④ Once you've adjusted your settings, tap the “<” icon located at the top left to save your modifications and return to the video settings screen.



⑤ After completing the setup, swipe down to return to the preview screen.



A. Resolution

The camera is capable of recording videos in resolutions up to 4K60fps. While higher resolutions yield clearer and more detailed footage owing to the increased pixel count, they also produce larger file sizes.

B. Interval (Time Lapse)

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

For instance, if the "Interval" is set to "2 Sec", the camera will record a scene every two seconds, converting longer footage into a 20-second video. This mode is ideal for capturing mesmerizing transitions like sunrises, sunsets, blossoming flowers, and more.
Note: Available only in Time Lapse Video mode.

C. Duration (Time Lapse)

Set the length of time for the camera to capture video in Time Lapse Video mode.
Note: Available only in Time Lapse Video mode.

D. Ratio (Hyperlapse)

Set the speed by which the video is sped up in Hyperlapse Mode.
Note: Available only in Hyperlapse Mode.

E. Ratio (Slow Motion)

Set the speed by which the video is slowed down in Slow Motion Mode.
Note: Available only in Slow Motion mode.

F. Image Stabilization

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. It is also disabled when recording 1080P120 and 720P120 videos.

G. Metering

The Brave 7 action camera offers three metering modes to optimize your shot based on different scenes.

CM (Central Metering): Emphasizes the scene's center, making it ideal for selfies or close-up shots, like flowers.

AM (Average Metering): Sometimes referred to as matrix metering, this mode evaluates the entire scene's brightness, ensuring well-balanced exposure and avoiding overexposure, especially in evenly lit settings.

SM (Spot Metering): Targets a specific spot in the scene to determine exposure, perfect for detailed close-ups.

H. Sharpness

Sharpness controls the quality of details captured in your video footage or photos.

I. EV

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.

J. ISO

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.

K. WB

WB (White Balance) fine-tunes the color temperature of your videos and photos, ensuring optimal color accuracy in both warm and cool lighting conditions.
Note: WB and Filter cannot be used at the same time. Be sure to set WB to “Auto” before configuring Filter.

L. Filter

Enhance your footage using various filter options.
Note: Filter and WB cannot be used at the same time. Be sure to set Filter to “Normal” before configuring WB.

M. Wind Reduction

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

N. Audio Recording

Turn this feature on or off. With this feature disabled, the camera records video without audio and vice versa.
Note: This feature is available only in Video Mode; the camera does not record sound when it’s in the waterproof case.

O. Looping Video

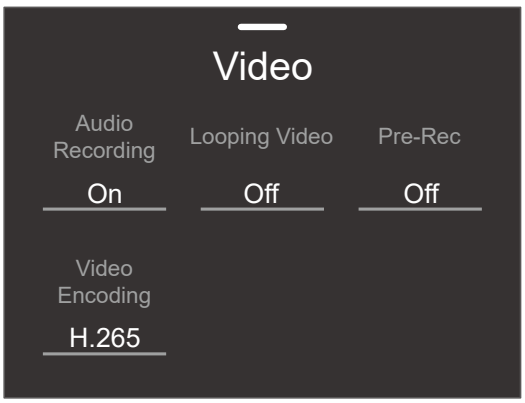
Set the loop duration for the camera to capture short video clips. The camera captures 3- or 5-minute video clips continuously. It will delete the earliest videos when the SD card is full for continuous recording.

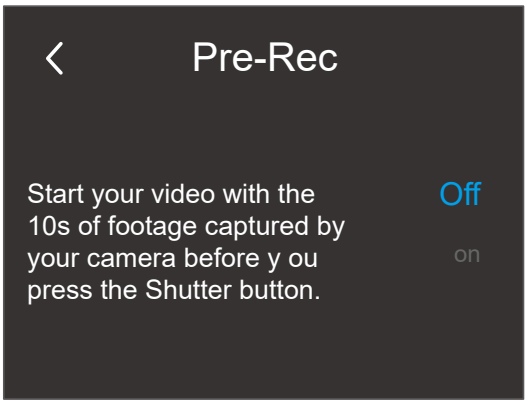
P. Pre-Rec

Pre-Rec can capture footage up to 10 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.

Tip: To pause recording or turn off this feature, simply tap the Recording icon at the bottom.





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.

R. Video Encoding

Select between H.265 and H.264 video codecs, each offering different image effects and compression ratios. H.265 videos take up less storage space than H.264 videos due to their more efficient compression algorithms.

Note: H.264 video encoding is automatically disabled when 4K60 resolution is selected.

S. Dark Light Mode

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 available only for 2.7K60, 1440P60, 1080P120, 1080P60, 720P120, and 720P60. It's also disabled when Image Stabilization is turned on.

(4) Video Settings Menu

Settings	Video	Time Lapse Video	Hyperlapse	Slow Motion
Resolution	4K60/4K30 (default)/2.7K60/2.7K30/1440P60/1440P30/1080P120/1080P60/ 1080P30/720P120/720P60/720P30			

Interval (Time Lapse)	×	1 Sec (default)/2 Sec/ 5 Sec/ 10 Sec/15 Sec/30 Sec/1 Min	×	×
Duration (Time Lapse)	×	Off (default)/5 Min/10 Min/ 15 Min/20 Min/30 Min/60 Min	×	×
Ratio (Hyperlapse)	×	×	2X (default)/3X/ 6X/10X/15X/30X Resolutions: 4K/2.7K/1080P	
Ratio (Slow Motion)	×	×	×	2X/4X (default)/8X Resolutions: 1080P120/1080P60/ 720P240/720P120/ 720P60
Image Stabilization	Off (default)/On	×	×	×
Metering	CM/AM (default)/SM			
Sharpness	1/2/3 (default)/4/5/6			
EV	-2/-1/0 (default)/+1/+2			
ISO	Auto (default)/100/200/400/800/1600/3200/6400			
WB	Auto (default)/2300K/2800K/3200K/4000K/4500K/5000K/5500K/6000K/6500K			
Filter	Normal (default) /B & W/Sepia/Warm/Cold/Red/Green/Blue/Retro/Vivid/Diving			
Noise Reduction	Off (default)/On	×	×	×
Audio Recording	On (default)/Off	×	×	×
Looping Video	Off (default)/ 3Min/5Min	×	×	×
Pre-Rec	On/Off (default)	×	×	×
Video Encoding	H.264/H.265 (default)			
Dark Light Mode	On/Off (default)	×	×	×

Note:

① Image Stabilization is available only in Video Mode. It is also disabled when 1080P120 and 720P120 are selected.

② 4K60fps resolution is not supported in Vertical Mode or when H.264 video encoding is selected.

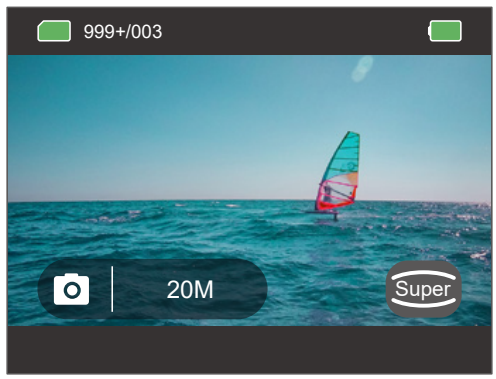
③ WB and Filter cannot be used at the same time.

8. Taking Photos

This camera boasts two photo modes: Photo and Interval Photo.

(1) Switching Photo Modes

① When on the preview screen, tap the mode icon in the bottom left corner or swipe left to enter the mode menu, then swipe left or right to navigate among the available options.



② Once you've selected your mode, wait 5 seconds for the camera to automatically transition to the chosen 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.

B. Interval 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 the preset duration ends or you press the shutter button again.

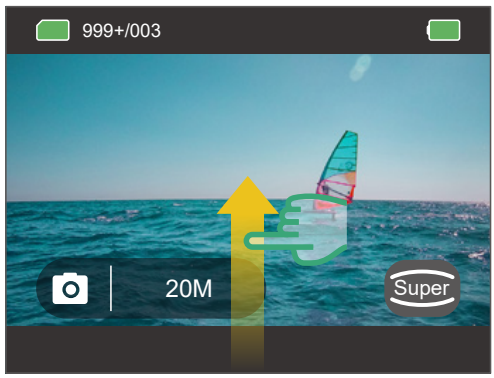
For instance, when you set “Interval” to "5 Sec", then press the Shutter button, the camera will count down 5 seconds and take a photo, then repeat this process continuously. To stop capturing, press the Shutter button again.

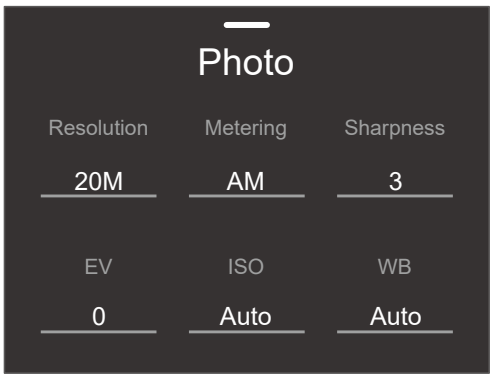
Note: Output Format and Shutter are automatically disabled in Interval Photo.

(3) Photo Settings

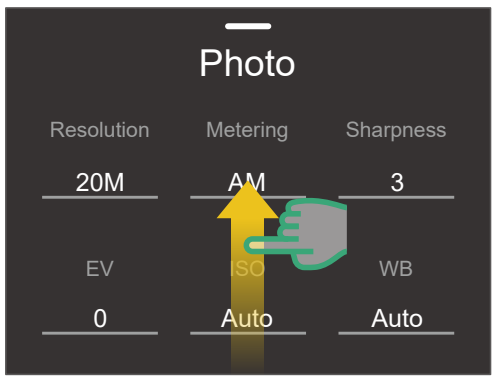
Fine-tune your settings to capture the perfect shot.

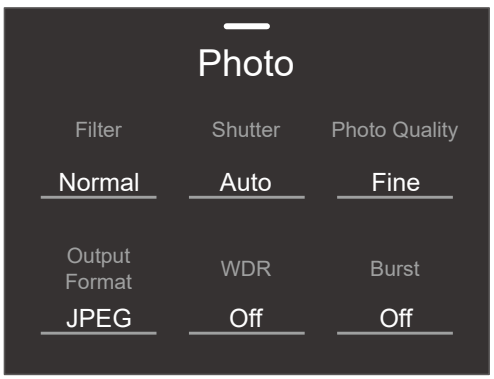
① To begin, ensure your camera is in any of the available photo modes, then swipe up to enter the photo settings screen.



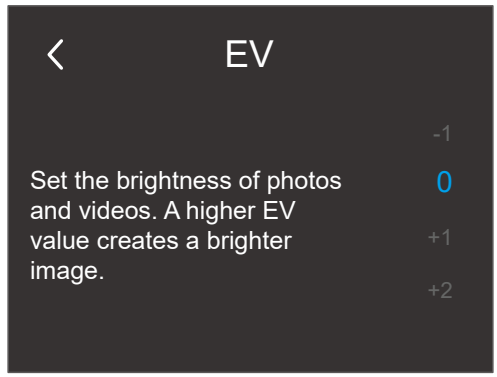


② When on this screen, swipe up to access more photo settings options tailored to the chosen photo mode.

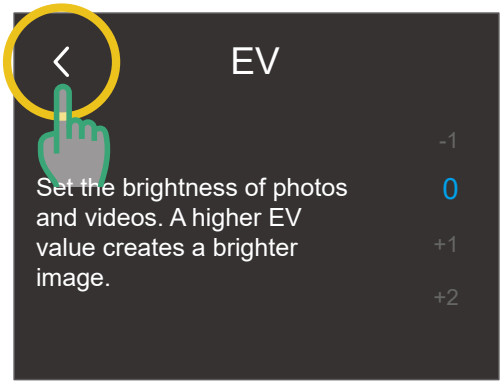




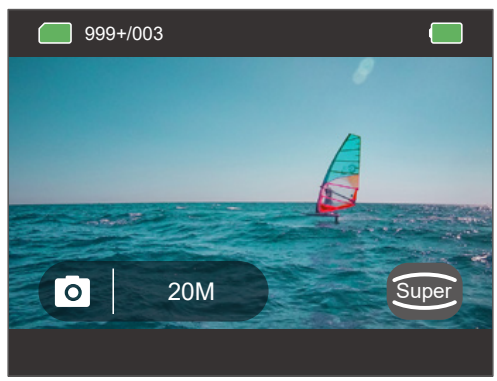
③ When on each settings screen, swipe up or down to select a desired setting.



④ Once you've adjusted your settings, tap the "<" icon located at the top left to save your modifications and return to the photo settings screen.



⑤ After completing the setup, swipe down to return to the preview screen.



A. Resolution

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.

B. Interval

Set the interval at which the camera captures photos in Interval 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 the preset duration ends, or until you press the shutter button again.

Note: Only available in Interval Photo mode.

C. Duration

Set the length of time for the camera to capture photos in Interval Photo mode.

Note: Only available in Interval Photo mode.

D. Metering

The Brave 7 action camera offers three metering modes to optimize your shot based on different scenes.

CM (Central Metering): Emphasizes the scene’s center, making it ideal for selfies or close-up shots, like flowers.

AM (Average Metering): Sometimes referred to as matrix metering, this mode evaluates the entire scene’s brightness, ensuring well-balanced exposure and avoiding overexposure, especially in evenly lit settings.

SM (Spot Metering): Targets a specific spot in the scene to determine exposure, perfect for detailed close-ups.

E. Sharpness

Sharpness controls the quality of details captured in your video footage or photos.

F. EV

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.

G. ISO

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.

H. WB

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

Note: WB (White Balance) and Filter cannot be used at the same time. Be sure to set WB to "Auto" before configuring Filter.

I. Filter

Enhance your footage using various filter options.

Note: Filter and WB (White Balance) cannot be used at the same time. Be sure to set Filter to "Normal" before configuring WB.

J. Shutter

Determine the length of time that a shutter remains open. By keeping the shutter open throughout the desired exposure time, the camera can continue recording. This feature is ideal for capturing scenes involving low-light conditions, illuminated subjects, or water elements.

Note: Shutter is automatically disabled in Interval Photo. You cannot configure Shutter when Burst is enabled.

K. Photo Quality

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.

L. Output Format

Image Format refers to the output format of a photo. This camera supports two formats: JPEG and JPEG+DNG.

JPEG provides a compressed format that minimizes file size at the expense of some detail. In contrast, DNG maintains the image's full data without any compression, ensuring maximum quality while taking up more storage space than JPEG images.

Note: Only available in Photo Mode. The JPEG+DNG format is not supported in Vertical Mode. You cannot configure this setting when Burst is enabled.

M. WDR

WDR (Wide Dynamic Range) can enhance details in both dark and bright areas of an image, especially in high-contrast scenes.

N. Burst

Set how many consecutive shots the camera captures with a single shutter press.

Note: You cannot configure Burst when Shutter or Output Format is enabled.

O. Timer

Set the countdown time to take a photo.

(4) Photo Settings Menu

Settings	Photo	Interval Photo
Resolution	20MP (default)/12MP	
Interval	×	3 Sec (default)/5 Sec/10 Sec/30 Sec /1 Min
Duration	×	Off (default)/5 Min/10 Min/15 Min /20 Min/30 Min/60 Min
Metering	CM/AM (default)/SM	
Sharpness	1/2/3 (default)/4/5/6	
EV	-2/-1/0 (default)/1/2	
ISO	Auto (default)/100/200/400/800/1600/3200/6400	

WB	Auto (default)/2300K/2800K/3200K/4000K/4500K/5000K/5500K/6000K/6500K	
Filter	Normal (default) /B & W/Sepia/Warm/Cold/Red/Green/Blue/Retro /Vivid/Diving	
Shutter	Auto (default)/1 Sec/2 Sec/5 Sec/8 Sec/30 Sec/60 Sec	×
Photo Quality	Fine (default)/Normal/Economy	
Output Format	JPEG (default)/JPEG+DNG	×
WDR	Off (default)/On	
Burst	Off (default)/3/5/10/15	×
Timer	Off (default)/3 Sec/5 Sec/10 Sec/30 Sec	×

Note:

① Shutter and Burst cannot be used at the same time; you cannot configure Shutter and Output Format when Burst is enabled.

② The JPEG+DNG format is not supported in Interval Photo and Vertical modes. You can't not configure Burst when the JPEG+DNG format is selected.

9. Customizing Your Brave 7

(1) Configuring System Settings

When in the quick menu, tap the Settings icon to enter the system settings screen for quick setup.

A. About

View details about the camera, including brand, model, and firmware version.

B. General Settings

Access more settings to set up your Brave 7 camera. For more details, consult the section: Configuring General Settings.

C. Language

English (default)/Français/Deutsch/Español/Italiano/日本語/简体中文/繁體中文/ 한국어

Set the system language that appears on the camera screen.

D. Sound

Adjust the camera's system volume or turn Key Tone, Touch Tone, and On/Off Tone on or off.

① **Volume**
Adjust the overall volume from 0% to 100% by dragging the volume bar.

② **Key Tone**
Off /On (default)
Refers to the sound emitted when you press the camera's buttons.
To turn the key tone on or off, tap the Key Tone slider switch.

③ **Touch Tone**
Off /On (default)
Refers to the sound emitted by the camera during operations like configuring settings.

④ **On/Off Tone**
Off /On (default)
Refers to the sound emitted by the camera when powering on/off.

E. Microphone

Built-in (default)/External

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: This setting is available only in Video 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; the microphone icon on the preview screen will vary based on your selection.

F. Distortion Calibration

Off (default)/On

Turn Distortion Calibration on or off by tapping the slider switch. This feature corrects the fisheye effect that can occur in wide-angle captures, providing images without distortion.

G. Driving Mode

Off (default)/On

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.

Note: This setting is available only 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.

H. Remote

Off (default)/On

Turn Remote on or off by tapping the slider switch. By enabling this feature, you can pair your camera with the included remote for remote operation.

(2) Configuring General Settings

When on the settings screen, tap “General Settings” to enter the general settings screen for setup.

A. 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.

B. 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.

C. Screen Saver

Off/1 Min (default)/3 Min/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. Date & Time

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.

When on the Date & Time settings screen, tap the “Date” or “Time” option to set the camera’s system date and time respectively. After selecting the settings you want to configure, tap the “√” icon to save your change.

Note: The camera supports both 12-hour and 24-hour formats.

E. Date Stamp

Off (default)/Date & Time

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

F. Format

Confirm/Cancel (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.

G. Reset

Confirm/Cancel (default)

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

H. Voice Commands

Check all the supported voice commands under this setting. The camera will respond to the given voice commands and execute various functions. For example, saying "AKASO Power Off" to the camera will prompt it to turn off.

No.	Voice Commands	Descriptions
1	AKASO Video Start	Brave 7 action camera starts recording video.
2	AKASO Stop Video	Brave 7 action camera stops recording video.
3	AKASO Take Photo	Brave 7 action camera takes a photo.
4	AKASO Power Off	Brave 7 action camera shuts down.

Tips:

① This camera only supports voice commands in Chinese, English, German, Spanish, Italian, French, and Japanese. It will only respond to English voice commands if the system language is not set to one of the supported languages.

② Stop video recording before giving a new command.

③ Speak clearly and naturally at a normal speed. There is no need to slow down.

④ Emphasize the end of the command.

⑤ Performance might vary with distance, environmental noise, and wind. Ensure the device is kept clean and clear of debris.

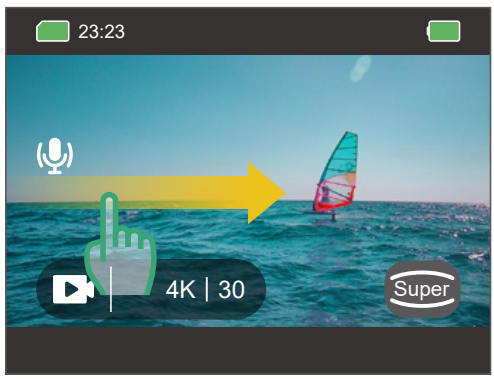
⑥ Voice commands are most effective within 3 meters.

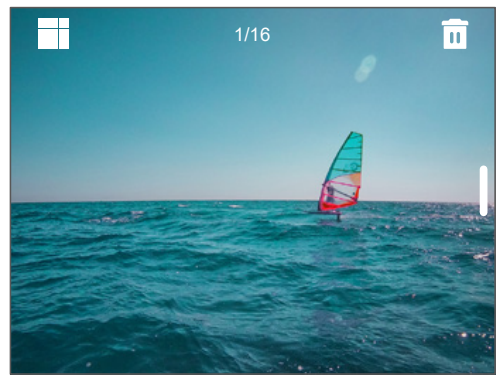
10. Album

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

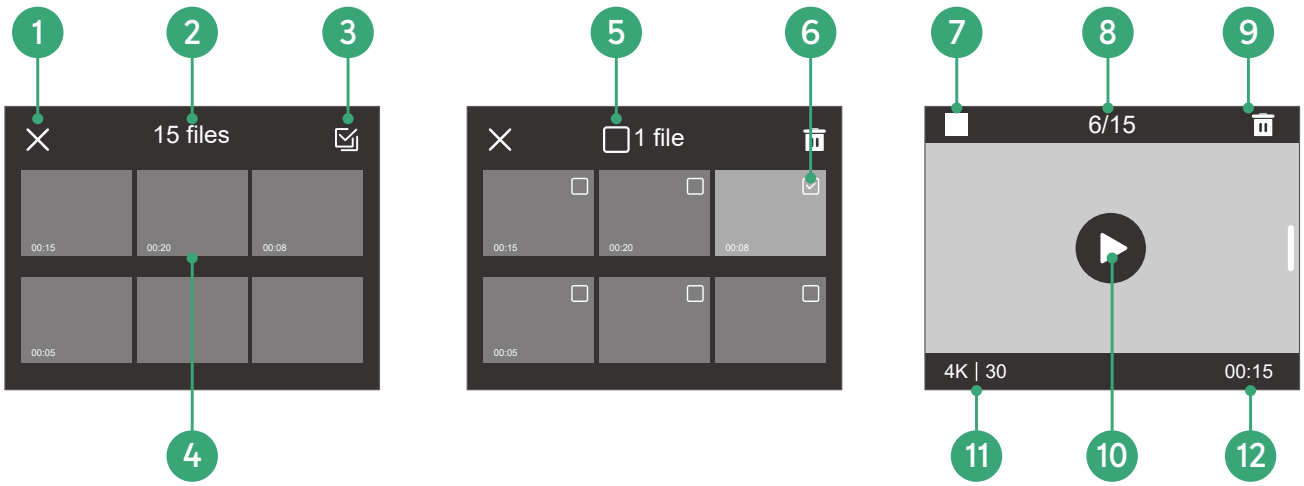
(1) Accessing the Album

When on the preview screen, swipe right to access the album screen and view all the video or photo files.





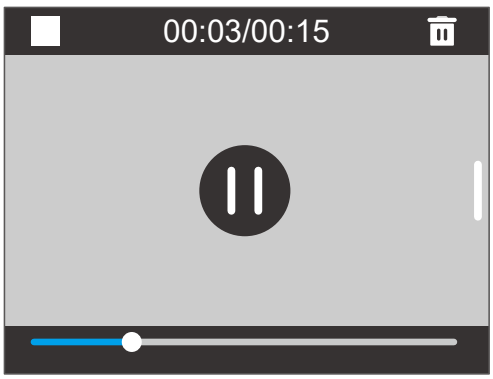
(2) Overview of the Album Screen



1. Exit Album
2. Number of Total Files
3. Select File
4. File Thumbnail
5. Number of Selected Files
6. Selected
7. Return to the Album Screen
8. Number of Current File
9. Delete
10. Play/Pause
11. Current Resolution
12. Current Playtime

(3) Playback Files on the Camera

When on the album screen, select the file you want to play and tap it in full-screen mode, then tap the Play icon. The file will then be played.

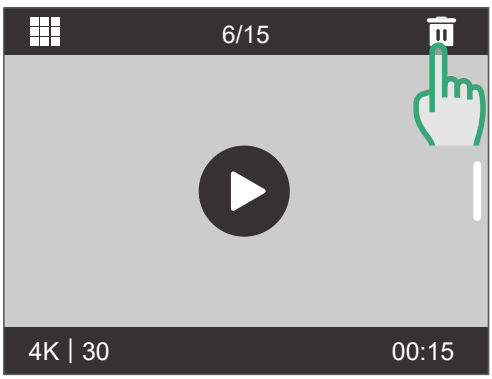


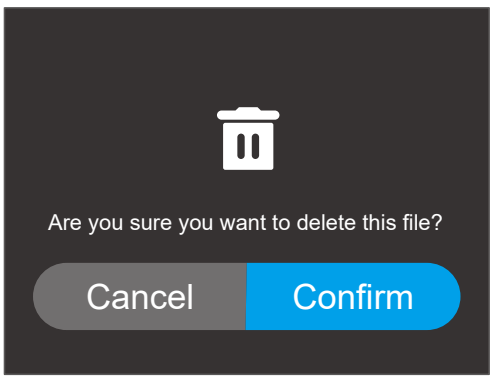
(4) Deleting Files on the Camera

There are two ways to delete video or photo files.

Method 1: Delete on the current file screen.

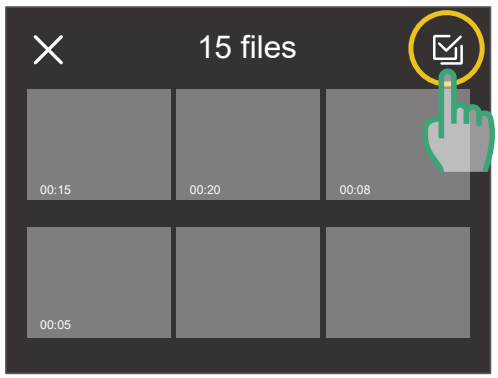
When on the current file screen, tap the Delete icon in the upper right corner, and select the “Confirm” option to complete the deletion of the file.

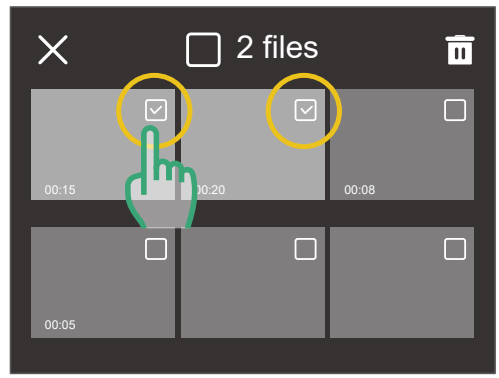




Method 2: Delete files from the album screen.

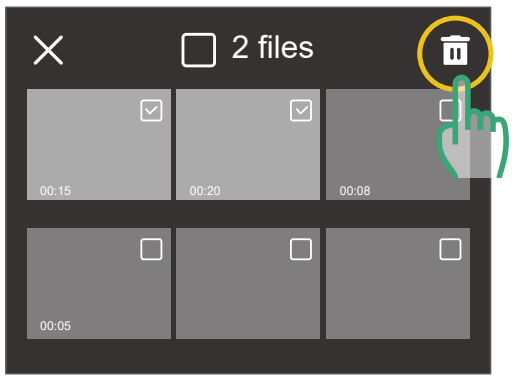
① When in File Thumbnail mode, tap the Select icon in the upper right corner to select files for deletion.

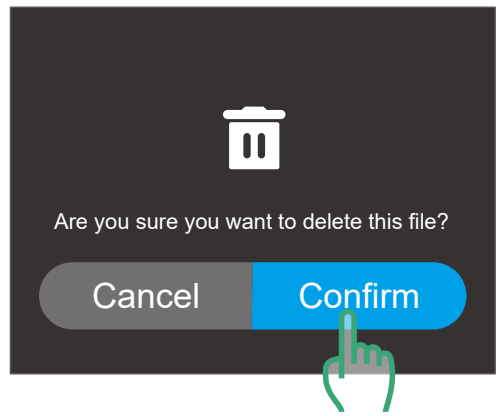




Tip: Tap the Select icon in the upper right corner to choose the files you want to delete. To select or deselect all files, tap the icon at the top.

② Tap the **"Delete"** icon and select the **"Confirm"** option to confirm deletion. The selected file is successfully deleted.





11. 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 "USB 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 Brave 7 as a Web Camera

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

② When prompted, select "**Webcam**" 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 4K 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.

12. 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) 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

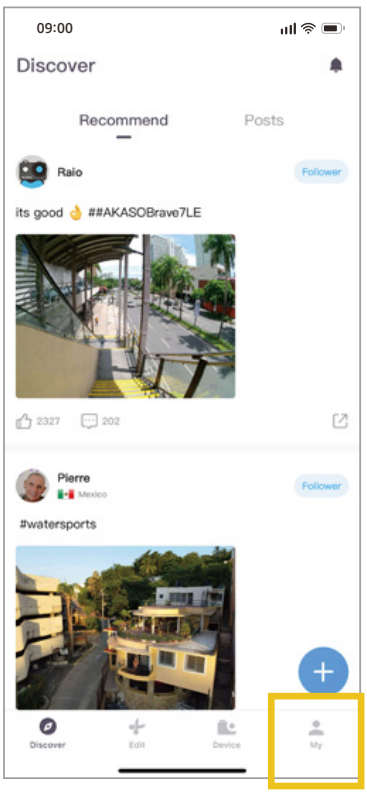
iOS

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

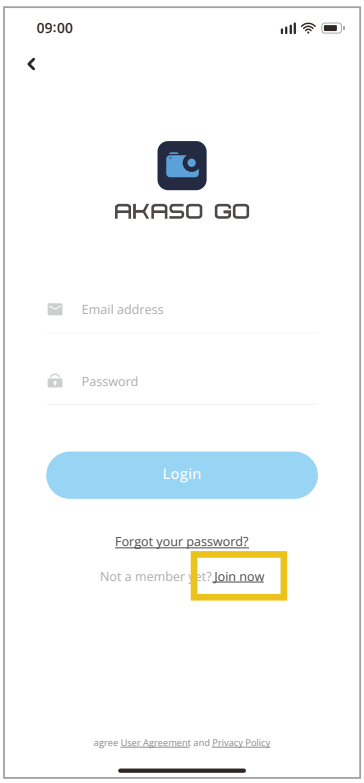
EN

(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.



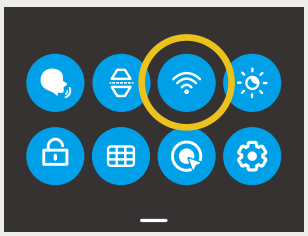
EN

(5) Connecting to the AKASO GO App via Wifi

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

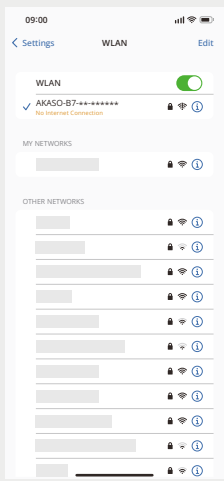
Note: For a successful connection, first allow the app to access your Location and Local Network.

①



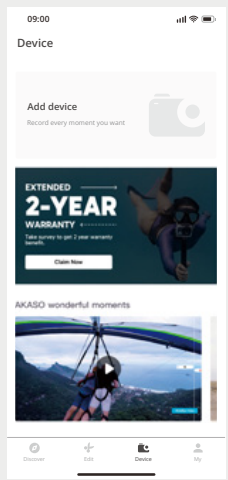
Swipe down to enter the quick menu and tap the Wifi icon to turn on Wifi. The camera will enter Wifi mode and display Wifi information in seconds.

②



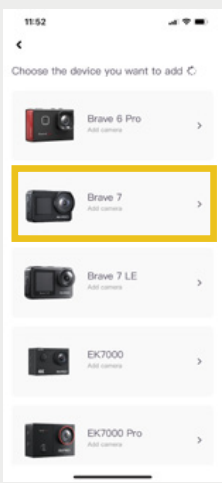
Enter your phone's Wifi settings page, find the camera's Wifi SSID and tap on it, then enter the default password 1234567890 for connection.

③



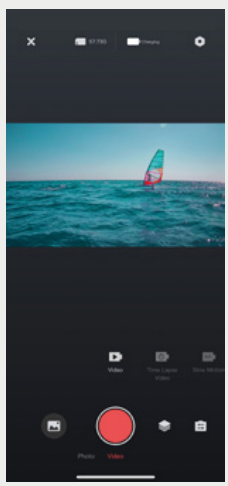
Open the AKASO GO app on your smartphone, tap "Device" at the bottom, then tap "Add Device" in the upper left corner to add your camera.

④



Select "Brave 7" 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:

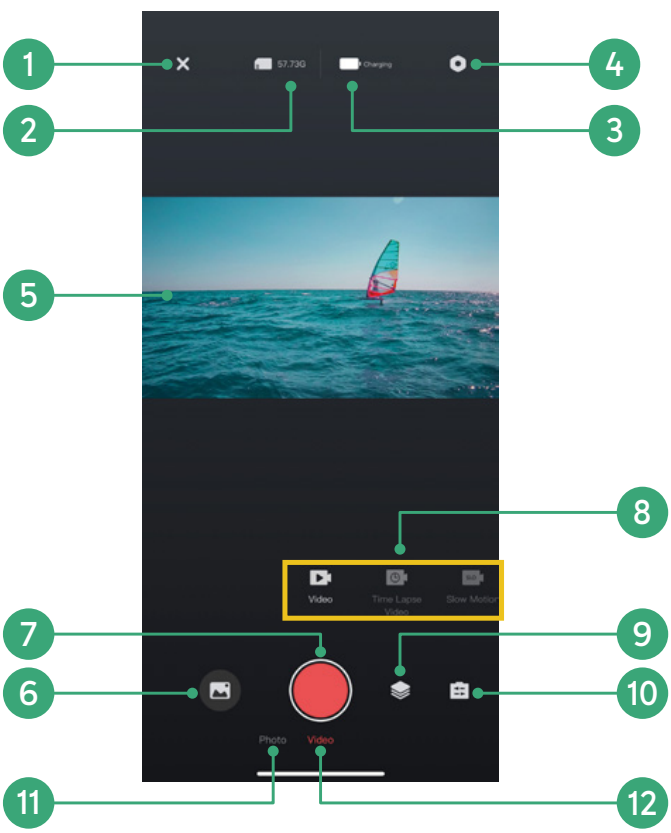
① If you failed to connect the camera's Wifi, please confirm if you successfully turned on the camera's Wifi. Please tap the "Research" option if you can't find the camera's Wifi.

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

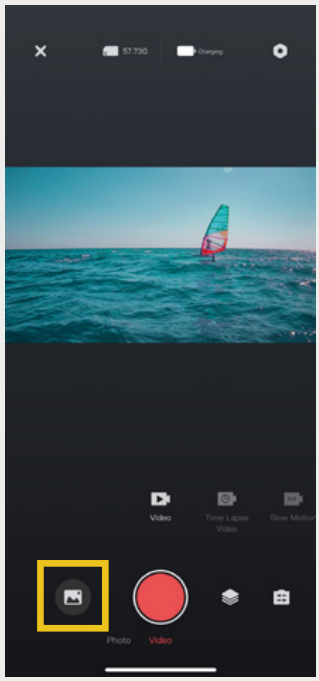
A. User Interface



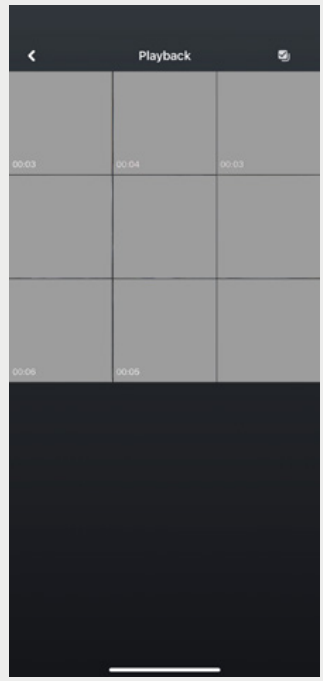
1. Disconnect from the app
2. Remaining Card Capacity
3. Battery Status
4. System Settings
5. Live Feed
6. Album Access
7. Shutter
8. Modes Available
9. Video/Photo Settings
10. Angle Settings
11. Photo Modes
12. Video Modes

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.

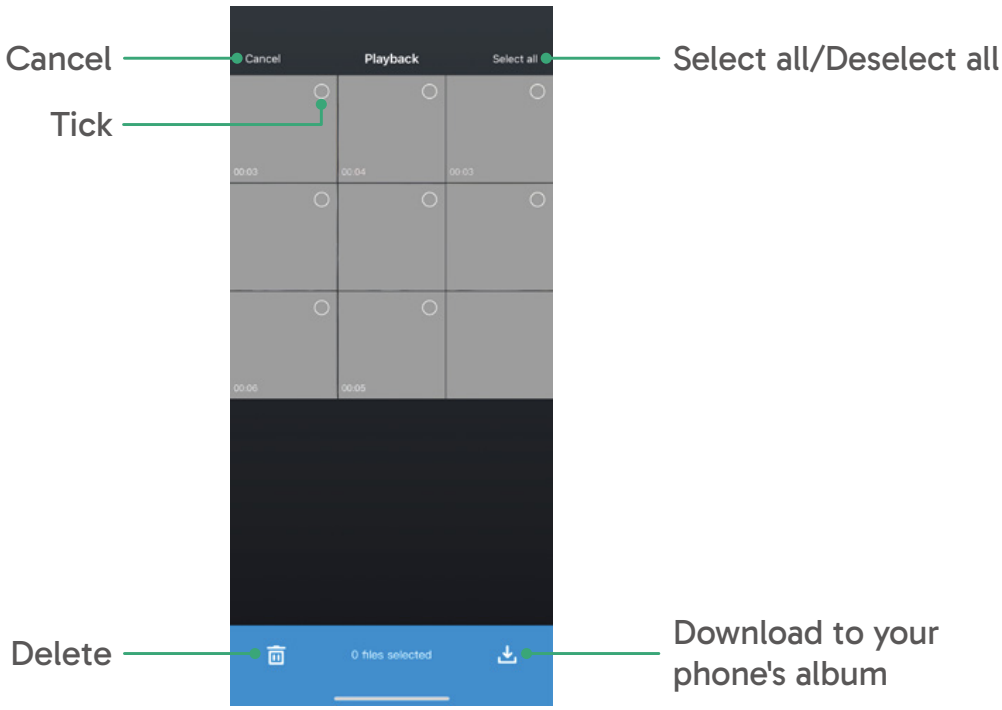
Step 1: Access the album and tap the “Select” icon in the upper right corner.

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

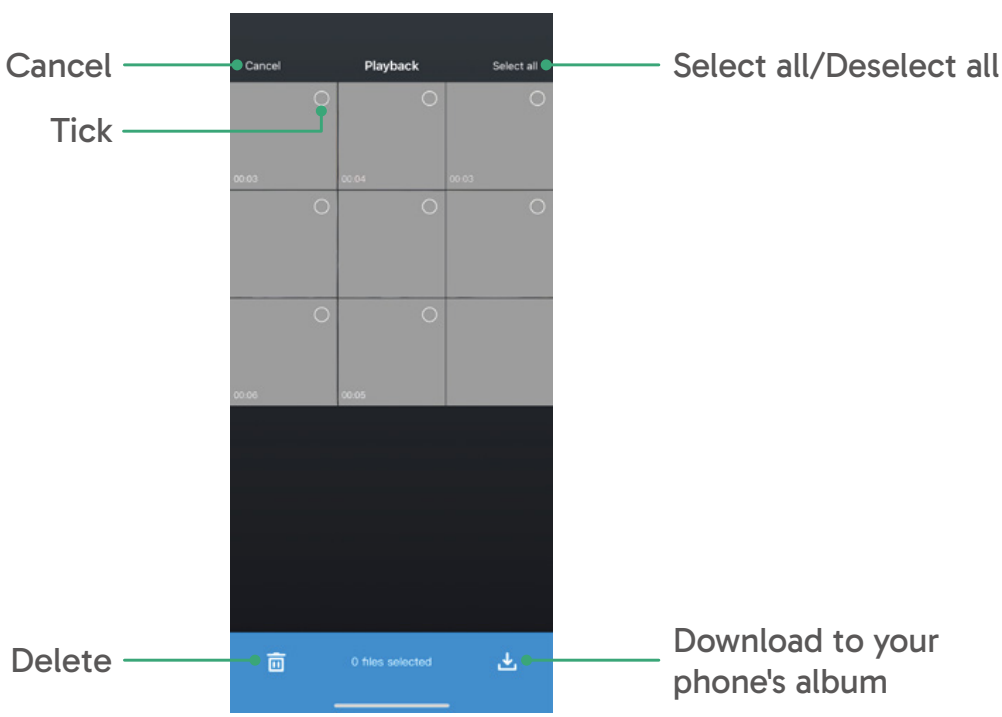
Follow the steps below to delete files on the app.

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.

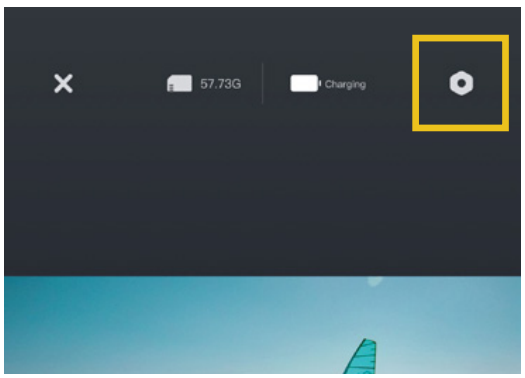


Note: Do not alter Wifi settings or disconnect from the app during deletion.

C. System Settings

Accessing System Settings Screen

Tap the Settings icon in the upper right corner to access the AKASO GO app's settings screen.



System Settings Menu

You can configure photo, video, and system settings within the System Settings screen. For more details about these settings, please refer to sections Video Settings, Photo Settings, and System Settings.

D. Firmware Update

A firmware update can resolve compatibility issues, improve the camera's functions, and enhance the Wifi connection. A firmware update will be pushed whenever a new version is available. If no new firmware is available, you will be notified that your firmware is up to date.

Why do you need to perform firmware updates?

Firmware 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 firmware updates via the AKASO GO app, as new upgrade packages for your camera are released frequently.

What do you need to do before a firmware update?

Before initiating a firmware update, ensure:

① Your camera's firmware supports firmware 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 firmware update?

Before initiating a firmware 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 firmware 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.)

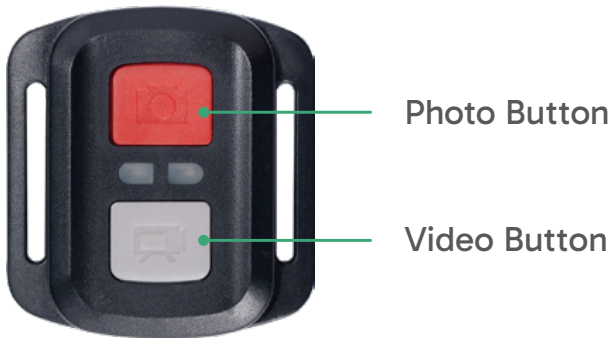
Step 1: In the app's System Settings, tap "Firmware update" to access the download screen.	Step 2: Verify the firmware update version, then tap "Download".	Step 3: Upon receiving a "Connected to the Internet" prompt, select "Switch Networks". This will prompt network settings.	Step 4: Switch to an available 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: **Settings→About.**)

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.

13. 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: Tap the Settings icon in the quick menu, scroll down to find the “Remote” option.

Step 2: Tap the slider 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, ensure the remote is sufficiently charged and operated with 10 meters of distance when using it to control 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.

14. Mounting Your Brave 7 Action Camera

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

Note: If you plan a deep dive, securely install the camera onto a waterproof housing (sold separately) to prevent it from getting soaked.

15. Troubleshooting

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

16. Battery Maintenance

(1) Maximizing Battery Life

1) Before using the Brave 7 action camera for the first time, charge the battery fully and secure it in its slot.

2) Use the Screen Saver setting or capture at lower resolutions and frame rates.

3) Charge the battery fully before storage.

4) To ensure optimal performance, replace the battery annually.

(2) Notes

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

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.

(3) Battery Storage and Handling

1) If storing for extended periods, maintain a battery charge of 50-60%. Charge every 3 months and discharge the battery every 6 months.

2) Do not store the battery with metal objects such as coins, keys, or necklaces. If the battery terminals come close to metal objects, a short circuit may cause fire.

3) Store in dry areas, safe from potential physical damage caused by squeezing or collision.

4) Avoid using or storing the battery at high temperatures, such as in direct sunlight or a hot compartment. The battery will heat up, malfunction, or have its service life shortened in these conditions.

5) Avoid using or storing the battery in low-temperature environments, as this will shorten the battery life or cause it to malfunction.

6) Avoid environments with strong static or magnetic fields; these can compromise the battery's protective unit, posing safety risks.

7) If the battery emits an odor, overheats, changes color, gets distorted, or exhibits any anomalies, discontinue use and remove it immediately from the camera or the battery charger whether it is being used, charged, or stored.

8) Safely insulate used electrodes to prevent potential hazards.

9) Never discard batteries in fire to prevent the risk of explosion.

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.