

AKASO

# Brave 7 LE

A C T I O N   C A M E R A



USER MANUAL

580+386\_V1.0

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## Important Messages

Congratulations on your new AKASO Brave 7 LE 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 256GB (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. 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 LE action camera boasts an IPX8 waterproof rating, allowing submersion up to 1 meter (3.3 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.

## Notes on Using the Waterproof Housing

This camera is not waterproof, so it's essential to place it in the included waterproof housing before using it in wet or underwater environments. The housing protects your camera from mud, dirt, debris, and, most importantly, water during your adventures. With the camera properly secured inside, you can safely dive up to 40 meters (132 feet) without concern.

To maximize the potential of the waterproof case, follow these guidelines:

### Before Use

1. Carefully inspect the housing for any signs of wear, cracks, or damage. Replace or repair it immediately if needed to ensure proper protection.
2. Check that all buttons on the housing function correctly and examine the rubber seal for any damage or deformities that could cause leaks.
3. Clean the camera's surface thoroughly to remove dust, dirt, or oil that could compromise the waterproof seal.
4. Once the camera is inside the housing, ensure no foreign objects are trapped



around the rubber seal, and firmly close the backdoor to create a secure, watertight seal.

## During Use

1. Avoid prolonged submersion to minimize potential stress on the housing and internal components.
2. Do not exceed the maximum depth rating, as excessive pressure could cause leaks or cracks, endangering your camera.

## After Use

1. Rinse the housing thoroughly with fresh water after each use to remove salt, chlorine, or debris, then dry it completely to prevent stains or residue buildup.
2. Submerge the housing in clean water for 5–10 minutes, gently shaking it to help dislodge any trapped residue.
3. Clean and dry both the interior and exterior with a soft cloth, then leave it in a well-ventilated area to air dry completely before storing it.

### Warm tips:

1. Before using the housing, perform a waterproof test by submerging it in shallow water to check for leaks.
2. Do not use heat sources such as hair dryers to dry the housing, as excessive heat can compromise its waterproof integrity.
3. Avoid using the housing in hot springs, while bathing, or in extreme weather conditions, as exposure to high temperatures and corrosive elements can shorten its lifespan.
4. If there are sudden temperature or humidity changes, stop using the housing to prevent condensation inside, which could affect image quality.
5. Protect the housing from strong vibrations or impacts, as these may damage the seals and compromise waterproofing.
6. Never attempt to dismantle the housing, as this may impair its waterproof performance.

# 1. Specifications

Brand	AKASO
Product Name	Action Camera
Model	Brave 7 LE
Size	65 × 44 × 32mm
Net Weight	125g (with battery inserted)
Material	Plastic, silicone, glass
Battery Capacity	1350mAh
Battery Life	Around 90 minutes of recording time in 4K30. <b>Note:</b> 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. <b>Note:</b> The external microphone is sold separately.



## 2. What's in the Box



Brave 7 LE  
× 1



Waterproof  
Housing × 1



Battery Charger  
× 1



Battery  
× 2



USB Cable  
× 1



Remote Control  
× 1



Remote Control  
Strap × 1



Spanner  
× 1



Helmet Mount  
× 1



Helmet Mount 2  
× 1



Buckle Mount  
× 1



J-Hook Mount  
× 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  
× 1



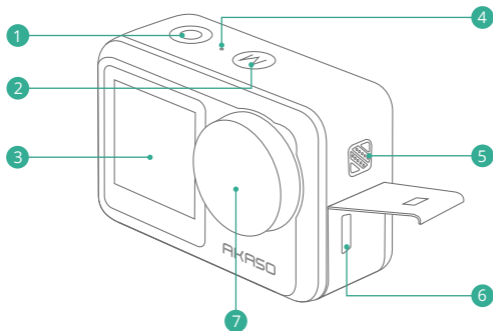
Double-Sided  
Adhesive Tape × 2



Quick Start Guide  
× 1



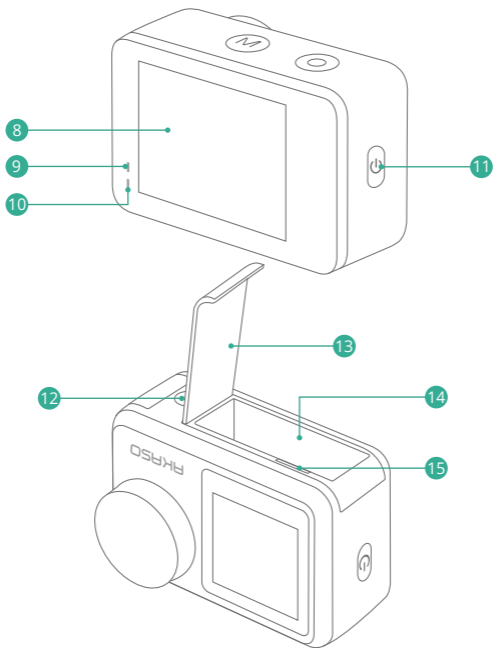
### 3. Your Brave 7 LE Action Camera



- 1 Shutter / OK Button
- 2 Mode Button
- 3 Front Screen
- 4 Microphone

- 5 Speaker
- 6 USB / External Mic Port
- 7 Lens



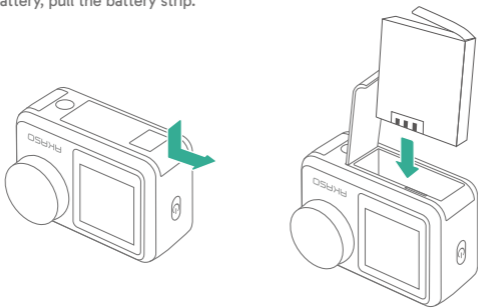


- |    |                    |    |                    |
|----|--------------------|----|--------------------|
| 8  | Touch Screen       | 12 | 1/4-Inch Nut Hole  |
| 9  | Charging Indicator | 13 | Battery Cover      |
| 10 | Working Indicator  | 14 | Battery Slot       |
| 11 | Power Button       | 15 | Micro SD Card Slot |

## 4. First Use

### (1) Installing the Battery

To install the battery, press down on the buckle of the battery cover and lift upwards 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.

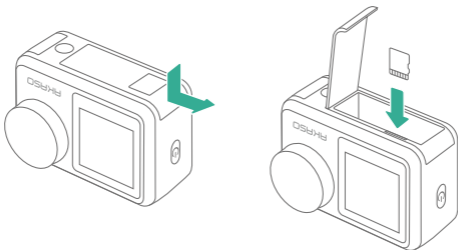
**Tip:** You can also charge the battery on the battery charger before installing it onto the camera. The battery charger indicator turns red while charging and goes out when fully charged.



### (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. We recommend you install the memory card prior to the battery.



### (4) Formatting the Memory Card

Before using, please format the memory card in the camera to ensure compatibility. Follow these steps to format your card:

Step 1: Swipe down to enter the quick menu.

Step 2: Tap the settings icon to access the settings screen.

Step 3: Tap “General Settings” to access the general settings screen.

Step 4: Scroll up to locate the “Format” option and tap on it.

Step 5: Tap the “Confirm” option to confirm formatting.

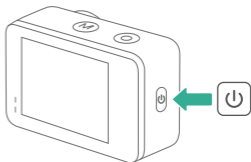
Step 6: Wait a few seconds, and your card is formatted successfully.

## 5. Getting Started

### (1) Powering on and off

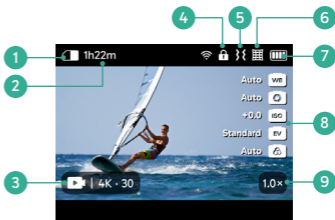
**Powering on:** While the camera is off, press and hold the Power button for 2 seconds to turn it on. When the working indicator turns blue and the display screen lights up, you know your camera is on.

**Powering off:** While the camera is on, press and hold the Power button for 2 seconds to turn it off. The display and the indicator will turn off.



### (2) Preview Screen

- 1 MicroSD Card
- 2 Remaining Capture Time
- 3 Current Shooting Mode
- 4 Screen Lock
- 5 Image Stabilization
- 6 Distortion Calibration
- 7 Battery Level
- 8 Quick Capture Settings
- 9 Zoom Level



### (3) Button Operation Overview

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

Buttons	Operation	Functions
Power Button	Press and hold	While the camera is on or off, press and hold for two seconds to turn it off or on.
	Press	When on the preview screen, press to turn on Wifi.
		While recording video, press to turn the display on or off.
Shutter / OK Button	Press and hold	When on the playback screen, press and hold to return to the previous screen.
	Press	When in Video mode, press to start video recording. Press again to stop recording; when in Photo mode, press to take a photo.
Mode 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 enter the mode menu, again to switch mode.

### (4) Indicator Overview

#### Working Indicator (Blue)

Quickly flashes three times when powering on or off.

Quickly flashes when card errors occur or Wifi is enabled but not connected.

Slowly flashes when recording video.

Flashes once when taking a photo.

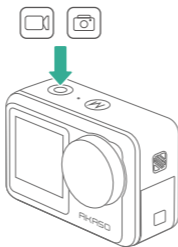
Remains on when in Standby mode or when Wifi is connected.

#### Charging Indicator (Red)

Remains on when charging; blacks out when fully charged.

## (5) Using the Shutter Button

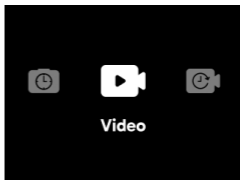
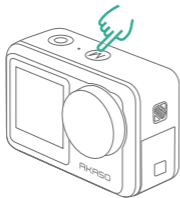
When in Photo or Video mode, press the Shutter button to capture photos or start video recording. To stop recording in Video Mode, press the Shutter button again.



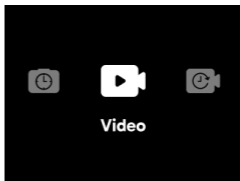
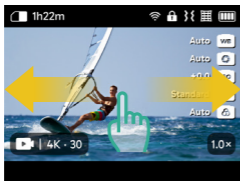
## (6) Quickly Switching Modes

There are two ways to quickly switch modes.

**Method 1:** When on the preview screen, press the Mode button to access the mode menu, then press the Mode button again to select a desired mode.



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



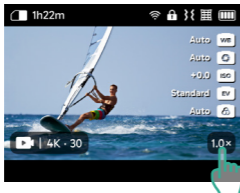
## (7) Switching Screens

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

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

## (8) Zooming in or out

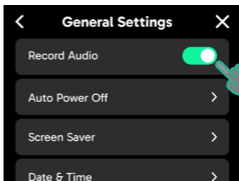
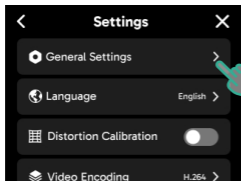
To adjust the viewing angle, simply tap the Zoom icon in the bottom right corner, then tap the semicircle icon. The Brave 7 LE action camera supports up to 5x zoom.



**Tip:** The zoom feature is automatically disabled when Image Stabilization and Distortion Calibration are activated. It is also unavailable when 4K60, 1080P120, or 720P120 are selected in Video Mode, or when 1080P and 720P are chosen in Slow Motion Mode.

## (9) Turning Audio Recording on or off

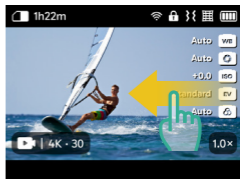
When disabled, the camera will record video without audio, and vice versa. To turn this feature on or off, simply access the general settings on the system settings screen and tap the slider switch.



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

## (10) Accessing Quick Capture Settings

When on the preview screen, swipe from the right edge of the screen to the left to access the quick capture settings, including WB, ISO, EV, Scene, Shutter, and Sharpness for better image quality.



**Note:** The available options vary based on the selected mode. For details, please consult the table below:

Modes	Auto Settings	Manual Settings
Photo	Scene/EV	Shutter Speed/ISO/WB/EV/Sharpness
Time Lapse Photo	Scene/EV	Shutter Speed/ISO/WB/EV/Sharpness
Video	Scene/EV/Dark Light Mode	ISO/WB/EV/Sharpness

Time Lapse Video	Scene/EV	ISO/WB/EV/Sharpness
Hyperlapse	Scene/EV	ISO/WB/EV/Sharpness
Slow Motion	Scene/EV	ISO/WB/EV/Sharpness

## WB

Auto (default)/2000K/2200K/2400K/2600K/2800K/3000K/3200K/3400K/3600K/3800K/4000K/4500K/5000K/5500K/6000K/6500K/7000K/7500K/8000K/8500K/9000K/9500K/10000K

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

## 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.

**Note:** ISO is automatically set to Auto and cannot be changed when you're configuring Shutter Speed.

## EV

-3/-2.5/-2/-1.5/-1/-0.5/0 (default)/+3.0/+2.5/+2.0/+1.5/+1.0/+0.5

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.

## Scene

Standard (default)/Vivid/B & W/Riding/Night Scene/Snow View/Diving

Enhance your footage using various filter options.

## Sharpness

Strong/Standard (default)/Soft

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

## Shutter Speed

Auto (default)/1/30s/1s/2s/5s/10s/20s/30s

Set 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:** This setting and ISO cannot be used at the same time. Shutter Speed is automatically set to "Auto" and cannot be changed when Burst Photo is enabled.

## Dark Light Mode

Off (default)/On

This mode uses a longer shutter speed to allow more light to enter the camera sensor. But it's not suitable for action-packed activities.

**Note:** This setting is available only in Video Mode with 30 frame rate selected. It's also automatically disabled when Image Stabilization is enabled.

## (11) Accessing the Album

Access videos or photos captured by your camera.

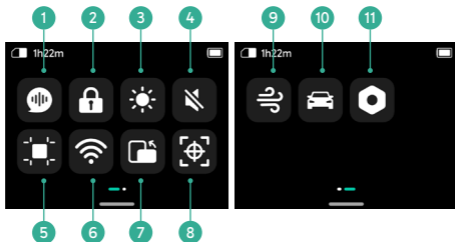
To access the album, swipe right on the preview screen to bring up the recently captured file, then tap the icon in the upper left corner to access all the video and photo files.





## 6. Accessing the Quick Menu

To access the quick menu, simply swipe down on the preview screen.



- 1 Voice Broadcast
- 2 Screen Lock
- 3 Screen Brightness
- 4 Sounds
- 5 Grid
- 6 Wifi
- 7 Auto Flip
- 8 Metering
- 9 Wind Reduction
- 10 Driving Mode
- 11 System Settings

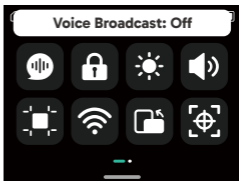
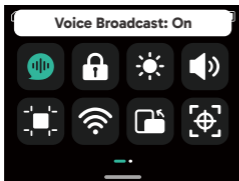


## (1) Turning Voice Broadcast on or off

With Voice Broadcast enabled, 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 Brave 7 LE action camera offers 3 voice prompts: Start Recording, Stop Recording, and Take Photo.

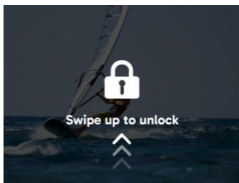
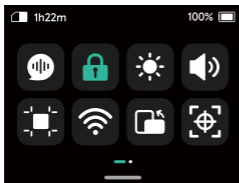
**Note:** The camera issues prompts in English and Chinese only.

To turn this feature on or off, simply tap its icon in the quick menu. A blue icon indicates it's active; a gray one means it's off.



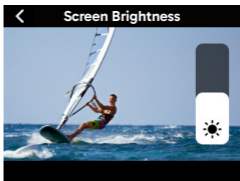
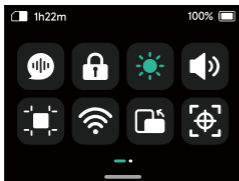
## (2) Using Screen Lock

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, making it ideal for underwater scenarios.



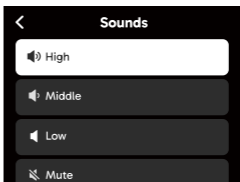
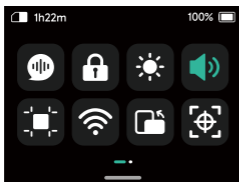
### (3) Adjusting Screen Brightness

To modify screen brightness to an acceptable level, tap the screen brightness in the quick menu and drag the brightness bar.



### (4) Adjusting the Volume Level

To adjust the camera's volume to an acceptable level, tap the volume icon in the quick menu to configure the settings.




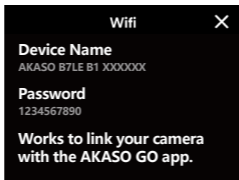
### (5) Using Grid

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.

## (6) Using the Device's Wifi

Turn on the camera's Wifi by tapping the Wifi icon in the quick menu or pressing the Power button. The built-in Wifi connects the Brave 7 LE 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 a few seconds. To turn off Wifi, simply press the Power button or tap the  Back icon to exit the Wifi screen.



**Tip:** The display will turn off during the app connection to save power. 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; Wifi cannot be activated when 4K60fps is selected. To activate Wifi, first change the resolution.

## (7) Turning Auto Flip on or off

Turn this feature on or off by tapping its icon in the quick menu. With this feature enabled, the camera intuitively rotates 180°, allowing for a more enjoyable capture experience. To flip the camera back into its normal display, tap the icon again.

**Tip:** The screen layout will adapt as you turn it. With this feature disabled, the camera will automatically lock the screen.

## (8) Selecting Metering Mode

To select a desired metering mode, simply tap the Metering icon in the quick menu. The Brave 7 LE action camera offers three metering modes to optimize your shot based on different scenes. The default setting is Average Metering.

**AM (Average Metering):** A metering mode that evaluates the entire scene.

**CAM (Central Average Metering ):** Prioritizes the scene's center but also considers surrounding areas. Best for scenes with uniform lighting conditions.

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

## (9) Turning Wind Reduction on or off

Turn this feature on or off by tapping its icon in the quick menu. The default setting is On. With this feature enabled, wind noises produced during video recording will be reduced, allowing for better audio quality, making it ideal for use in riding.

## (10) Turning Driving Mode on or off

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 feature is only available in Video Mode. You can't not switch modes when it's enabled; to ensure proper functionality, avoid using the camera in environments exceeding 45°C, such as inside a vehicle without air conditioning during summer.

## (11) Accessing System Settings

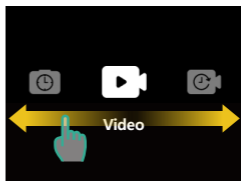
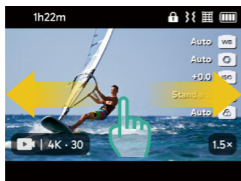
Simply tap the Settings icon to enter the system settings screen and customize your Brave 7 LE action camera.

## 7. Recording Video

The Brave 7 LE 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

- When on the preview screen, swipe left or right from the center, or simply press the Mode button to enter the mode menu, then swipe left or right to navigate among the available options.



- Once you've selected your mode, wait a few seconds for the camera to automatically enter 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.

**Tip:** When in Video Mode, you can access the video settings to enable the Pre-Rec or looping video feature.

#### 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.

### 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.

**Tip:** Hyperlapse videos are captured without audio.

### 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.

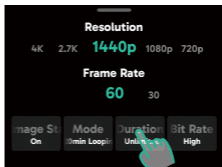
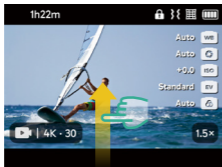
For instance, a 10-second clip shot at 720P 4X results in a 40-second video played at 720P30fps. Essentially, the video is played four times slower, making this mode perfect for capturing fast-moving scenes.

**Tip:** Slow motion videos are captured without audio.

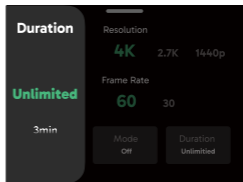
## (3) Video Settings

Customize your settings for an engaging video experience.

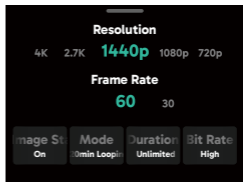
- To begin, ensure your camera is in any of the available video modes, then swipe up to enter the video settings screen.



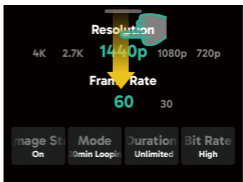
- ② When on this screen, tap any of the available settings options tailored to the chosen video mode, and swipe up or down to select a desired setting.



- ③ Once you've adjusted your settings, tap any part of the screen to save your changes and return to the video settings screen.



- ④ After completing the setup, swipe down to return to the preview screen.



## A. Resolution

The camera is capable of recording up to 4K60 videos. While higher resolutions yield clearer and more detailed footage owing to the increased pixel count, they also produce larger file sizes.

**Note:** The device's Wifi, H.264 video encoding, zoom feature, Distortion Calibration, Dark Light Mide, and 15s Pre-Rec are automatically disabled when 4K60fps is selected.

## B. Frame Rate

Set the number of individual images or frames displayed per second in a video. A higher frame rate results in a smoother, clearer video.

## C. Interval

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.

## D. Duration

Set the length of time for the camera to capture video in the selected mode. The camera stops recording when the preset duration ends.

**Note:** This setting is automatically set to "Unlimited" and cannot be configured when Looping Video is enabled.

## E. Ratio (Hyperlapse)

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

**Note:** Available only in Hyperlapse Mode.

## F. Ratio (Slow Motion)

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

**Note:** Available only in Slow Motion Mode.

## G. 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:** This setting is available only in Video Mode; it's also automatically disabled when 4K60, and 1080P 120, 720P120 are selected; you cannot use Dark Light Mode when this setting is enabled.

## H. Bit Rate

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

## I. Mode

Choose to use the Pre-Rec or Looping Video feature based on your needs.

**Note:** Available only in Video Mode.

## J. Pre-Rec

5s/10s (default)/15s

Pre-Rec can capture footage up to 15 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 15s Pre-Rec is automatically disabled when 4K60, 4K30, 1080P120, and 720P120 are selected.
- ③ 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.
- ④ Using this feature will consume more power. So disable Pre-Rec if not needed.

## K. Looping Video

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

Set the loop duration for the camera to capture short video clips. The camera continuously captures up to 10 minutes of video clips. It will delete the earliest videos when the SD card is full for continuous recording.

**Note:** You cannot use this setting and Duration at the same time. The Duration setting is automatically set to "Unlimited" and cannot be configured when this setting is enabled.

## (4) Video Settings Menu

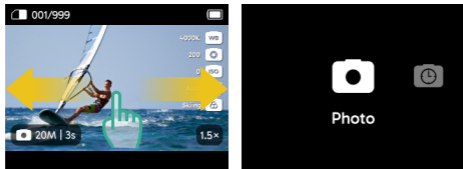
Settings	Video	Time Lapse Video	Hyperlapse	Slow Motion
Resolution	4K60/4K30(default)/2.7K60/2.7K30/1440P60/1440P30/1080P120/ 1080P60/1080P30/720P120/720P60/720P30			
Interval (Time Lapse)	x	1s /3s/ 5s (default)/10s/30s/1 min/2 min/5 min	x	x
Duration	Unlimited (default) /3 min/5 min/10 min/30 min/1h/2h/5h/10h			
Ratio (Hyperlapse)	x	x	2X/5X (default) /10X/15X/30X	x
Ratio (Slow Motion)	x	x	x	1440P 2X/1080P 4X (default)/720P 8X
Bit Rate	High (default)/Medium/Low			
Image Stabilization	Off (default)/On	x	x	x
Mode	Off (default)/Pre- Rec/Looping Video	x	x	x

## 8. Taking Photos

This camera boasts two photo modes: Photo and Time Lapse Photo.

### (1) Switching Photo Modes

- When on the preview screen, swipe from the center to the left or press the Mode button to enter the mode menu, then swipe left or right to navigate among the available options.



- Once you've selected your mode, wait a few seconds for the camera to automatically enter 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. Time Lapse Photo Mode

In this mode, when you press the Shutter button, the camera automatically starts the preset countdown to take a photo and repeats this process continuously until the preset duration ends or 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.

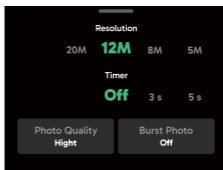
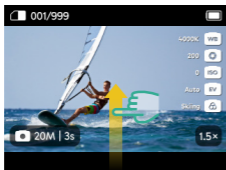
**Note:** Time Lapse photos are output in JPEG format.



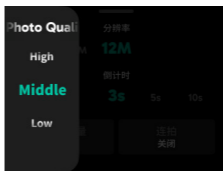
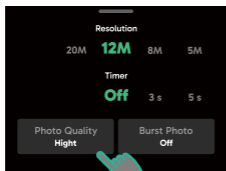
### (3) Photo Settings

Fine-tune your settings to capture the perfect shot.

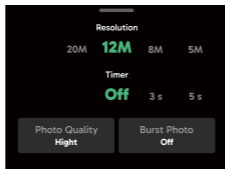
- To begin, ensure your camera is in any of the available photo modes, then swipe up to enter the photo settings screen.



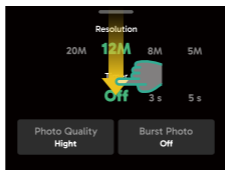
- When on this screen, tap any of the available settings options tailored to the chosen photo mode, and swipe up or down to select a desired setting.



- Once you've adjusted your settings, tap any part of the screen to save your changes and return to the photo settings screen.



- ④ 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 (Time Lapse)

Set the interval at which the camera captures photos in Time Lapse Photo mode.

For instance, if you select the 3 seconds option, then press the Shutter button, the camera will count down 3 seconds and take a photo, then repeat this process continuously. To stop capturing, press the Shutter button again.

**Note:** Only available in Time Lapse Photo mode.

### C. Duration (Time Lapse)

Set the length of time for the camera to capture photos in Time Lapse Photo mode. The camera stops capturing when the preset duration ends.

**Note:** Only available in Time Lapse Photo mode.

### D. 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.

## E. Burst Photo

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

**Note:** This setting is available only in Photo Mode; Shutter Speed is automatically set to "Auto" and cannot be configured when this setting is enabled.

## F. Timer

Set the countdown time to take a photo.

**Note:** Available only in Photo Mode.

## (4) Photo Settings Menu

Settings	Photo	Time Lapse Photo
Resolution	20M (default)/12M/8M/5M	
Interval (Time Lapse)	/	3s (default)/5s/10s/15s/30s/60s/120s
Duration (Time Lapse)	/	Unlimited (default)/3 min/5 min/ 10 min/30 min/1h/2h/5h/10h
Photo Quality	High/Middle (default)/Low	
Burst Photo	Off (default)/3/5/10/15	x
Timer	Off (default)/3s/5s/10s	x

## 9. Customizing Your Brave 7 LE

### (1) Configuring System Settings

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

#### A. General Settings

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

#### B. Language

English (default)/Français/Deutsch/Español/Italiano/日本語/简体中文/繁體中文/한국어/Русский/Português/Malese/Bahasa Indonesia

Set the system language that appears on the camera screen.

#### C. 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.

**Note:** This setting is automatically disabled when 1080P120 and 720P 120 are selected in Video Mode or when 1080P and 720P are selected in Slow Motion Mode; the zoom feature is unavailable when this setting is enabled.

#### D. Video Encoding

H.265/H.264 (default)

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:** The H.264 video encoding is automatically disabled when 4K60fps is selected.



## E. Anti-flicker

60Hz (default)/50Hz 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.

## F. External

Off (default)/On

Turn this setting on or off by tapping the slider switch. To use an external microphone for better sound quality, turn on this feature first. Then, connect a compatible external microphone to the camera's USB port.

**Tip:** This setting is only available in Video Mode; if you do not wish to use an external microphone, be sure to turn off this setting 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.



External Mic Enabled

## G. 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.

## H. Format

Confirm/Cancel (default)

Regularly reformat your memory card for optimal performance. Formatting will delete all the media files stored in the memory card. Ensure important files are saved elsewhere before proceeding.

## I. Reset

Confirm/Cancel (default)

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

## J. About

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

## (2) Configuring General Settings

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

### A. Audio Recording

On (default)/Off

Turn this setting on or off by tapping the slider switch. With this feature disabled, the camera will record video without audio, and vice versa.

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

### 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)/On

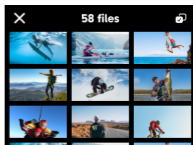
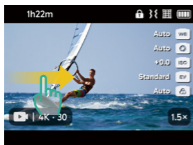
Turn Date Stamp on or off by tapping the slider switch. With this feature enabled, the camera will add a date and time watermark to your videos or photos.

## 10. Album

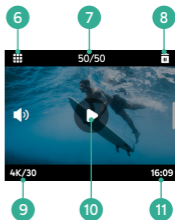
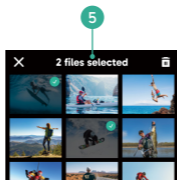
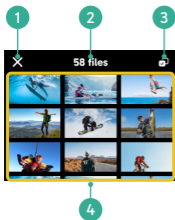
The album allows you to view all the video and photo files stored on the memory card.

### (1) Accessing the Album

When on the preview screen, swipe right to bring up the most recently captured file, then press the icon in the upper left corner to access all video and photo files.



### (2) Overview of the Album Screen



1 Exit Album

2 Number of Total Files

3 Select

4 File Thumbnail

5 Number of Selected Files

6 Return to the Album Screen

7 Number of Current File

8 Delete

9 Current Resolution

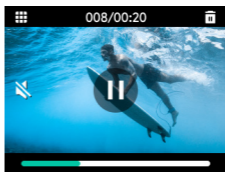
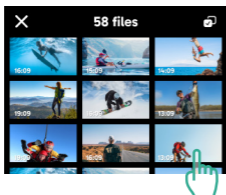
10 Play / Pause

11 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.

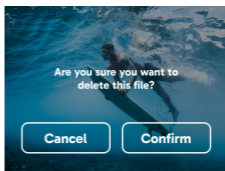
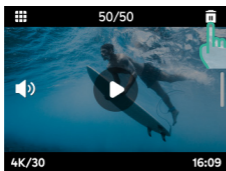


### (4) Deleting Files on the Camera

There are two ways to delete video or photo files.

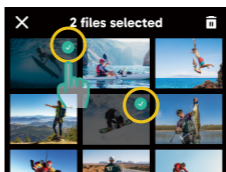
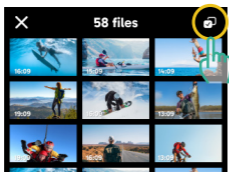
**Method 1: Delete on the current file screen.**

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.

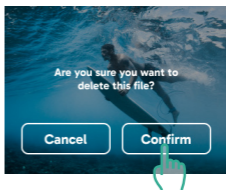
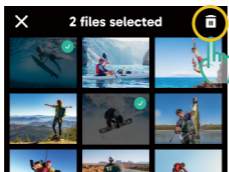


**Method 2: Delete files from the album screen.**

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



- ② Tap the “Delete” icon and select the “Confirm” option to confirm deletion. The selected files are 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 LE 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 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.



## 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 Wifi will not be connected to the internet.

### (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



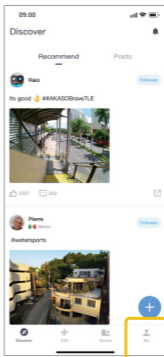
iOS

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

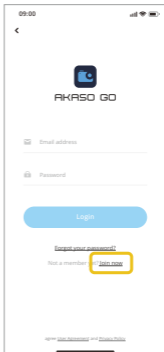


## (4) Creating An Account for the AKASO GO App

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



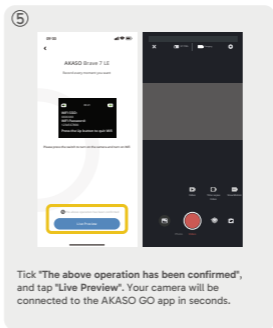
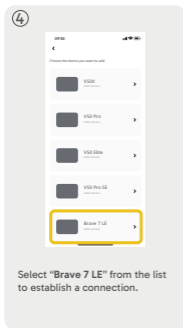
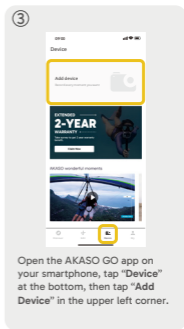
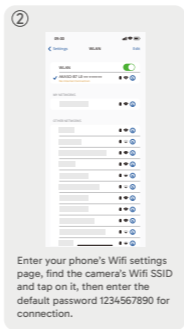
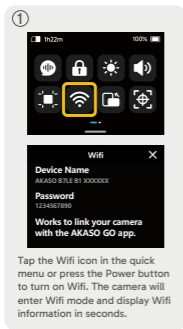
- ② Tap “Join Now” to enter the required information for login, then tap the “Log in” option. Now you successfully create the app account.



## (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.

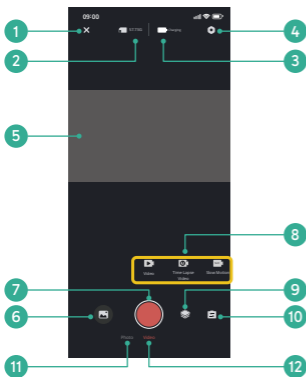


## Tips:

- 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. You can continue the connection.
- ③ The screenshots and steps above are for your reference only.

## (6) AKASO GO App Introduction

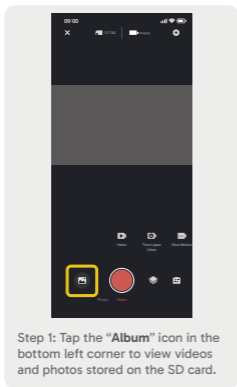
### A. User Interface



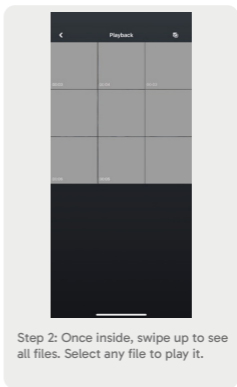
- ① Disconnect from the App
- ② Remaining Card Capacity
- ③ Battery Status
- ④ System Settings
- ⑤ Real-Time Preview
- ⑥ Album Access
- ⑦ Shutter
- ⑧ Modes Available
- ⑨ Video / Photo Settings
- ⑩ Angle Settings
- ⑪ Photo Modes
- ⑫ Video Modes

## 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.

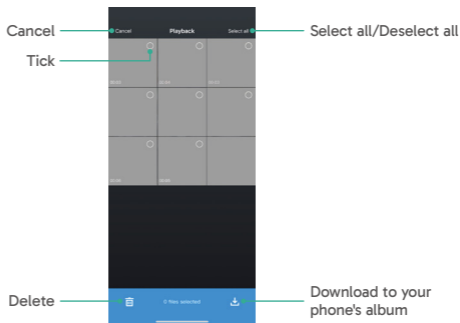
**Step 1:** Access the album and tap the “Select” icon  in the upper right corner.

**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

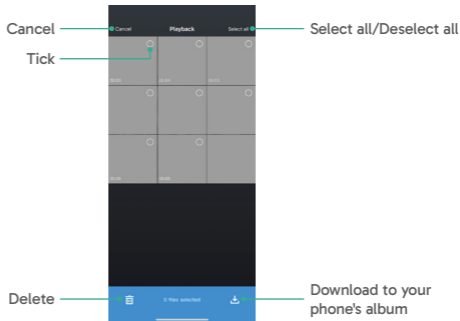
Follow the steps below to delete files on the app.

**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.

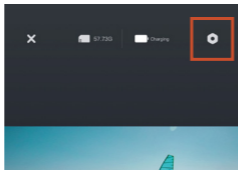


**Note:** Do not alter Wifi settings or disconnect from the app during deletion.

## 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.)

<p><b>Step 1:</b> In the app's System Settings, tap "Firmware update" to access the download screen.</p>	<p><b>Step 2:</b> Verify the firmware update version, then tap "Download".</p>	<p><b>Step 3:</b> Upon receiving a "Connected to the Internet" prompt, select "Switch Networks". This will prompt network settings.</p>	<p><b>Step 4:</b> Switch to an available network and tap "Completed".</p>	<p><b>Step 5:</b> The app will automatically download the firmware upgrade package. Ensure a stable network connection until the download is complete.</p>
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② Upgrade the firmware. (After the update, activate your camera and verify its version: **Settings**→**About**.)

<p><b>Step 6:</b> After successfully downloading the firmware upgrade package, tap "Connect to the Camera". A "Connect to the Camera Wifi" prompt will appear.</p>	<p><b>Step 7:</b> Tap the "Connect" option on the prompt.</p>	<p><b>Step 8:</b> 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. <b>Note:</b> This usually takes about one minute. Please be patient.</p>	<p><b>Step 9:</b> The app will show "Update Completed" when the upgrade is done. The camera will be powered off with the blue indicator light turning off.</p>
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## 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 splash-proof 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, 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.



## 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 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 LE 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 the included waterproof housing 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 LE 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](mailto:cs@akasotech.com)

 [www.akasotech.com](http://www.akasotech.com)

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

