AKASO

BRAVE 8

A C T I O N   C A M E R A

USER MANUAL

V2.4

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WHAT'S IN THE BOX

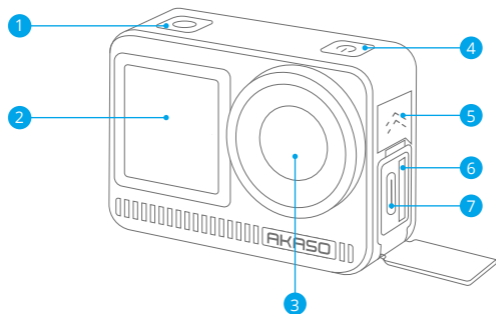|				
AKASO Brave 8 x 1	Camera Frame x 1	Battery Charger x 1	Battery x 2	USB Cable x 1
Remote Control x 1	Remote Control Strap x 1	Spanner x 1	Helmet Mount 1 x 1	Helmet Mount 2 x 1
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YOUR BRAVE 8

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2 Front Screen
3 Lens
4 Power Button
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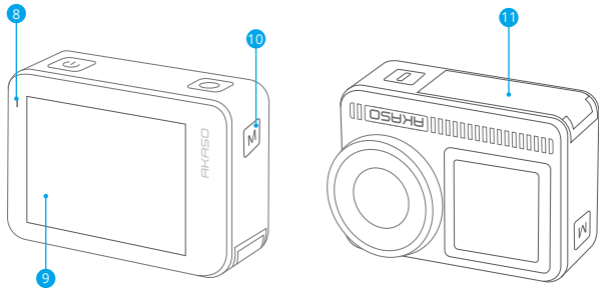
8 Charging/Wifi Indicator
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10 Mode Button
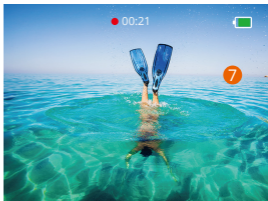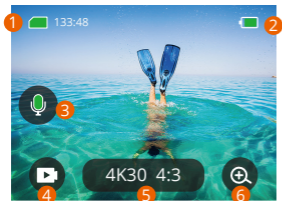11 Battery Cover

Note on Buttons Function

• Power Button:
Press to wake the device from sleep. Press and hold to power on/off.

• Mode Button:
Press to switch mode.
Press and hold to switch between front and rear screens. (It doesn't work during recording.)
Front and rear screens cannot work at the same time.

1. Memory Card Icon:
Displays remaining recording time/number of photos.

2. Battery Level:
Displays the percentage of battery.

3. Audio switch:
Turns on or off the sound when recording a video.

4. Photo Mode:
Switches modes or display the current mode.

5. Resolution Ratio:
Displays the current resolution ratio or set the resolution ratio.

6. Zoom:
Adjusts the shooting angle.

7. Photo Page:
Controls video shooting under Video mode.

Note: The camera will not record sounds when it is in the waterproof case.

GETTING STARTED

Welcome to your AKASO Brave 8. To capture videos and photos, you need a memory card (not included) that meets the following requirements.

Memory Card

1. U3.
2. Memory capacity up to 512GB.

Note:

1. To keep your memory card in good condition, please format the memory card in the camera before using it. (Reformatting will delete all your data, so be sure to back up your photos and videos).
2. The FAT32 format memory card will stop recording when the storage of each file exceeds 4GB and start to record again on a new file.

POWERING ON / OFF

To Power On:

Press and hold the power button for 3 seconds, your camera is on.

To Power Off:

Press and hold the power button for 3 seconds again, your camera is off.

Quick Start Guide

When you use the camera for the first time or each time you reset it, a quick start guide will display how to use the camera and settings. You can click "Skip" to ignore the guide.
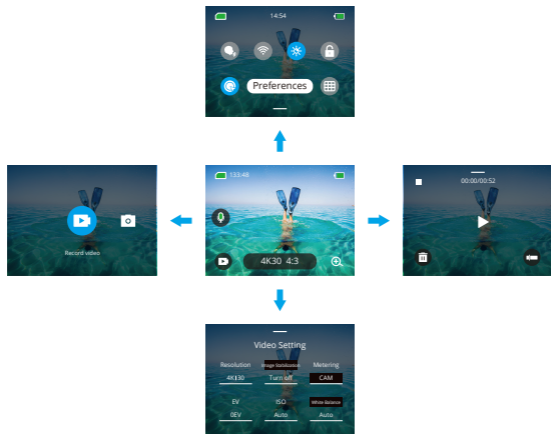
Function Specifications

Swipe down to enter the general settings.
Swipe up to enter the specification settings.
Swipe from left to right to switch modes.
Swipe from right to left to enter the playback page.

• **Mode Switching:**
1. Swipe from left to right on the home page.
2. Click "Mode Switch" to enter Photo Mode.
• **General Settings:**
Swipe down to enter the general settings and tap Preference to set up your Brave 8.
• **Playback:**
Swipe from right to left to enter the playback page and record videos, preview, or delete photos.
• **Camera Settings:**
Swipe up to enter the specification settings interface and choose options according to your needs.

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OVERVIEW OF MODES

Swipe from left to right to choose the following modes:

Video Mode
• Video Mode

Default mode: Video Mode

In Video Mode, press the Shutter button, the camera starts recording video. Press the Shutter button again to stop.

• Time-Lapse Video Mode

Extract video frames according to the time-lapse interval, and convert long activities into short videos that can be shared. Ideal for street scenes, art works and other extended activities.

• Motion Time-Lapse Video Mode

It can shorten video time and record super stable timelapse videos when moving. But please note that comparing to time-lapse mode, this function improves the anti-shake feature, but the clarity will slightly decrease.

• Slow Motion Video Mode

It uses high resolution to shoot videos and can slow down to 1/16, 1/8 or 1/4. For instance, by selecting 720P and set themultiple speed to 16X, it will reach super slow actions 16 times.

Photo Mode
• Photo Mode

In Photo Mode, press the Shutter button, the camera takes a photo. Or adjust the burst photo menu to take several photos at the same time.You can also adjust the countdown menu to take a timed selfie.

• Time Lapse Photo Mode

Set a specific shooting interval that snaps the same scene or objects automatically for a long time continuously at a particular frequency.

COMPREHENSIVE FUNCTIONS

Image Stabilization Function

Click `4K30 16:9` . Two modes: Image Stabilization and SuperSmooth. They can record stable videos in severe shake. Image Stabilization can be used directly on the device while SuperSmooth improve video stabilization. Videos downloaded from the phone will have the correct SuperSmooth function only when SuperSmooth is enabled in the APP.

Zoom

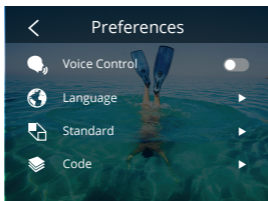Click ⊕ . Touch the screen to zoom in or out; it helps take close-up shots.

INSTRUCTIONS

① Memory Card Capacity
② Time
③ Battery Level
④ Voice Control
⑤ Wifi

⑥ Screen Brightness (3 Levels)
⑦ Screen Lock
⑧ Quick Video Recording or
　 One Key to shoot
⑨ Preferences
⑩ Grid

CAMERA SETTINGS

You can set the camera by swiping down the settings, as follows:

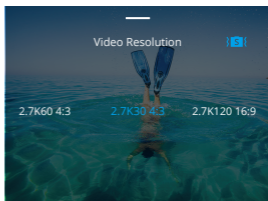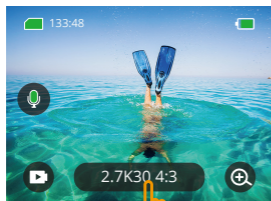| Functions	Specifications	Note
Voice Control	Power on /Power off (default)	AKASO Video start AKASO Stop video AKASO Take photo AKASO Power off
Language	Support 9 languages	English/Deutsch/Français/ Español/ Italiano/日本語/简体中文/繁體中文/한국인
Standard	NTSC (default)/PAL	
Code	H.264 (default)/H.265	Choose H.265 for video encoding, the video volume will be reduced, but the power consumption will increase.
Wireless Connection	On/Off (default) | Connecting Device | Camera Information | Wifi Band-5G (default)/2.4G	
Remote	On/Off (default)	Turn on this setting on the camera, then turn on the included remote, you can control the camera using the remote.

One Key Fast Shooting	On (default)/Off	Swipe down to enter the general settings ⊚ . Press and hold Shutter button when the camera is off, it will automatically turn on and start recording. (The recording parameters are the state saved in the last recording.) Press the Shutter button again, the camera will stop recording and shut down. If you don't need to use this function, just press and hold the Power button normally to start recording or press the ⊚ again to turn it off.
Gyroscope	On/Off (default)	
General Setting		
Screen Brightness	0-100%	Adjustable
Sound	0-100% - Volume On (default)/Off- Key Tone| Beep Tone | Photo Beep Tone	Adjustable
Indicator Light	On (default)/Off	
Video Sound	On (default)/Off	
Auto Power Off	Never/2 Minutes/5 Minutes (default)/10 Minutes / 20 Minutes/30 Minutes	
Screen Saver	Never/15 seconds/30 seconds / 1 Minute (default)/ 2 Minutes/ 5 Minutes	
Time Date	Date: YY/MM/DD Time: HH/MM (AM/PM/24 Hours)	
Date Stamp	On/Off (default)	
Formatting	Format Memory Card - Cancel/ Confirm | Memory Card Capacity	
Factory Reset	Cancel/Confirm	
About	Camera Information	

RESOLUTION SETTING

Set the resolution and image stabilization. Tap the resolution icon to enter the home screen. You can adjust the resolution, image stabilization characteristics and time interval of the camera.

• **Video**

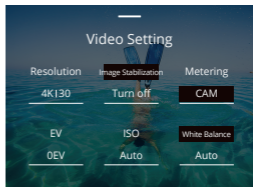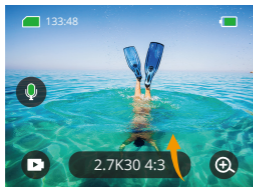| Functions	Specifications
Video Mode	**NTSC:** 4K30 4:3/4K60 16:9/4K30 16:9/2.7K90 4:3/2.7K60 4:3/2.7K30 4:3/2.7K120 16:9/2.7K90 16:9/2.7K60 16:9/2.7K30 16:9/1440P180/1440P120/1440P90/1440P60/1440P30/1080P200/1080P120/1080P90/1080P60/1080P30 **PAL:** 4K25 4:3/4K50 16:9/4K25 16:9/2.7K75 4:3/2.7K50 4:3/2.7K25 4:3/2.7K100 16:9/2.7K75 16:9/2.7K50 16:9/2.7K25 16:9/1440P150/1440P100/1440P75/1440P50/1440P25/1080P200/1080P100/1080P75/1080P50/1080P25
Time Lapse Video Mode	Resolution ratio: 8K/4K4:3/4K16:9/2.7K4:3/2.7K16:9/1440P/1080P Time interval: 0.5s/1s/2s/5s/10s/30s/1min/2min/5min/10min/30min/1h
Motion Time-Lapse Video Mode	Resolution ratio: 4K 16:9/2.7K 4:3/2.7K 16:9/1440P/1080P Multiple speed: 2x/5x/10x/15x/30x
Slow Motion Video Mode	Resolution ratio: 2.7K/1440P/1080P/720P Multiple speed: 2x/4x/8x/16x
Image Stabilization	⟩◌⟨ Off / ⟩◌⟨ Image Stabilization / ⟩S⟨ SuperSmooth

• **Photo**

Functions	Specifications
Photo Mode	48M/12M
Time Lapse Photo Mode	48M/12M Time interval: 0.5s/1s/2s/5s/10s/30s/1min/2min/5min/10min/30min/1h

PERSONALIZED SETTING

Swipe up to enter the specification settings of videos and photos, specifications are as follows:

• **Video**

Functions	Specifications	Note
Resolution Ratio	4K30 4:3/4K60 16:9/4K30 16:9/2.7K90 4:3/2.7K60 4:3/2.7K30 4:3/2.7K120 16:9/2.7K90 16:9/2.7K60 16:9/2.7K30 16:9/1440P180/1440P120/1440P90/ 1440P60/1440P30/1080P200/1080P 120/1080P90/1080P60/1080P30	Video Mode
	8K16:9/4K4:3/4K16:9/2.7K4:3/2.7K16:9/ 1440P/1080P **Time interval:** 0.5s/1s/2s/5s/10s/30s/ 1min/2min/5min/10min/30min/1h **Motion Time-lapse multiple speed:** 2x/ 5x/6x/10x/15x/30x	Time Lapse Video Mode/ Motion Time-Lapse Video Mode

	Resolution ratio: 2.7K/1440P/ 1080P/720P Multiple speed: 2x/4x/8x/16x	Slow Motion Video Mode
Image Stabilization	Turn off/Normal/SuperSmooth	**Image Stabilization:** Basic video stabilization feature will cut the visual area. **SuperSmooth:** Enhanced Image Stabilization will cut the visual area. After this function is enabled on the camera, the video needs to be exported from the APP to experience it.
Metering	CAM/AM/CM/SM/AFM	**CAM**(Center Average Metering): The metering mode is mainly based on the center, and complementary on the surroundings. **AM**(Average Metering): The metering mode is based on overall frame. **CM**(Center Metering): The metering mode based on central area. **SM**(Spot Metering): The metering mode is chosen a specific position by user touching. **AFM**(AI Face Metering): The dynamic metering mode can recognize the face in the frame, and take the face as the standard.
EV	3.0EV/2.5EV/2.0EV/1.5EV/1.0EV/ 0.5EV/0EV/-0.5EV/-1.0EV/-1.5EV/ -2.0EV/-2.5EV/-3.0EV	Set the brightness of photos and videos.
ISO	Auto/100/200/400/800/1600/ 3200/6400	Set ISO values of photos and videos.
White Balance	Auto/2300K/2800K/3200K/4000K /4500K/5000K/5500K/6000k/ 6500K	Select the color of photos and videos.
Sharpness	0/1/2/3/4/5/6	Set the level of detail for videos and photos shooting.

Bit Rate	High/Medium/Low	Related to file size and image quality. The lower the bit rate, the smaller the file size and the lower the image quality. The higher the bit rate, the larger the file size and the better the image quality.
Color	Normal/Vivid	Set different colors.
Fragment	Turn off/15S/30S/15S Loop/30S Loop	Film a 15s or 30s video to save in the phone and share on social media. Loop Video: film a few sections videos of 15s or 30s continuously when the memory card is full, the camera will delete the earliest videos automatically to guarantee the shooting.
Audio	Stereo/HM	**Stereo:** recording the audio with stereo will be in better quality. **HM(Human Voice Mode):** filter the background noises to emphasize human voice. Audio is recorded with monophonic.
Dark Light Mode	Turn off/Turn on	The camera will increase the brightness of the picture by extending the exposure time, but it is not suitable for spots scenes.
Distortion Correction	Turn off/Turn on	This function does not support the resolution of 4k30 4:3/4K60 16:9/2.7 k90 4:3/2.7k60 16:9/2.7k90 16:9/2.7 k120 16:9/1440P90/1440P120/ 1440P180/1080P 200/1080P120/ 1080P90. If you select the resolution above, the function will not work.

• Photo

Functions	Specifications	Note
Resolution Ratio	48M/12M	General
	48M/12M Time interval: 0.5s/1s/2s/5s/10s/ 30s/1min/2min/5min/10min/ 30min/1h	Time Lapse Photo Mode.

Metering	CAM/AM/CM/SM/AFM	
EV	3.0EV/2.5EV/2.0EV/1.5EV/1.0EV/ 0.5EV/0EV/-0.5EV/-1.0EV/-1.5EV/ -2.0EV/-2.5EV/-3.0EV	Set the shooting brightness of photos and videos, the higher values result in brighter shooting effect.
ISO	Auto/100/200/400/800/1600	Set ISO values of photos and videos.
Shutter	Auto,5S,2S,1/125S,1/250S,1/500S, 1/1000S,1/2000S	Select the opening time of the shutter.
White Balance	Auto/2300K/2800K/3200K/4000K /4500K/5000K/5500K/6000k/ 6500K	Select the color of photos and videos.
Sharpness	0/1/2/3/4/5/6	Set the level of detail for videos and photos shooting.
Color	Normal/Vivid	Set different colors.
Self-Time	Turn off/3seconds/5seconds/ 10seconds/30seconds	General
Image Format	JPG/JPG+RAW	Set the image format to be saved in photo taking.
Number of Burst Photo	Turn off/3/5/8	Set the numbers of burst shooting. You can take 8 photos at most continuously for pressing the shutter once. Note: Stabilize the camera still the end of burst shooting.

CONNECTING TO APP

Wifi is enabled by default only when the user starts up, and will be turned off by default in other processes. If there is no connection within 5 minutes, the Wifi will be automatically turned off. If you do not connect the app within 5 minutes, it will be automatically disconnected. At this time, you can manually open it.

1. Turn on Wifi in one of the three ways:

① Turn on the camera by default.

② Tap the Wifi icon on the quick menu.

③ Turn on the wireless connection in the Settings.

2. Connect Wifi by one of the two ways:

① Swipe down to general settings, click **Preferences** - **Wireless Connection**, turn on **Wireless Connection**, then go to **Camera Information**.Wifi SSID and Wifi Password will be shown on the screen display. Then select **"Brave 8_xxxx"** in the Wifi interface on your phone.
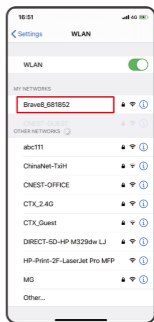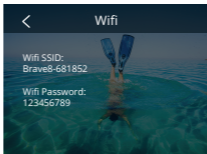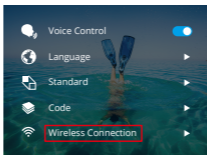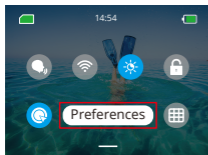
② Swipe down to enter the general settings and tap .
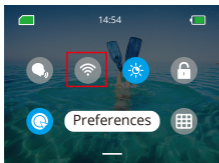
Wifi connected: Wifi indicator light ON
**Screen display:** Connected to Brave 8_xxxx

3. Connect to the AKASO GO App
Open the AKASO GO APP, tap "Device" →"Add device", find Brave8 and click on it. Click "C...ct" and "Join", and then click "Connect". Your camera is connected to the app.
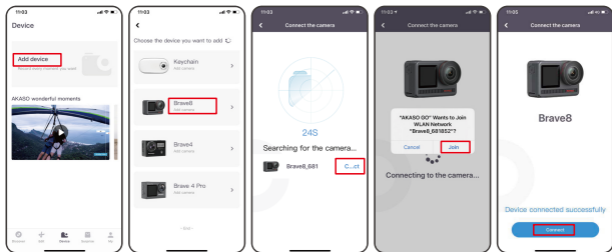
4. Control camera by APP. You can record, shoot, play back, load, delete and edit.

5. After connecting with the app, press the Mode button to turn off the camera Wifi, exit the connection interface, the app will be disconnected with the camera.

6. SuperSmooth Instructions

① After connecting to the camera, click ⚙ - Image stabilization, choose **Super Smooth**, then click ‹ in the upper left corner until it goes back to the camera page.

Note: SuperSmooth can be enabled on the camera (select SuperSmooth on the Image Stabilization option) or through the app (as shown below).
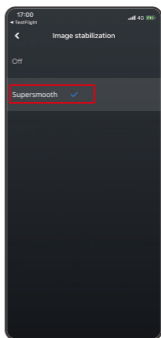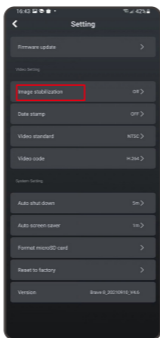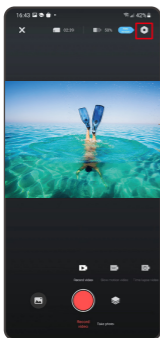
② Click 🖼️ , choose the video with ▶️ , click ••• and select **Download** - **Supersmooth**, then the video with the supersmooth effect will be downloaded to the phone's album.
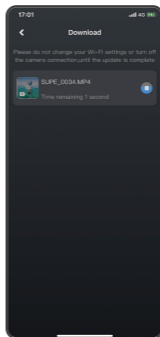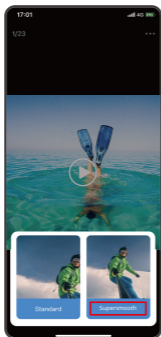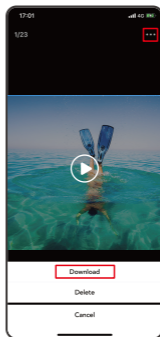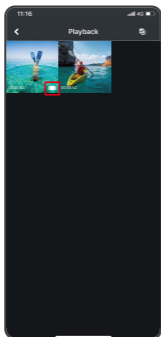
7. Firmware Upgrade Instructions

① After connecting to the camera, click **Upgrade firmware** on the pop-up window.
Then click **Download**.

Note: Please insert the memory card before upgrading the firmware.You can also
choose **Do not upgrade now**. Click **Connect** and then click ⚙ , Select
Firmware update on the setting menu, and click Download.
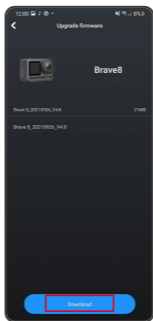
② Click **SWITCH NETWORK** and select a Wifi that works well, and click **Done** when it displays connected.
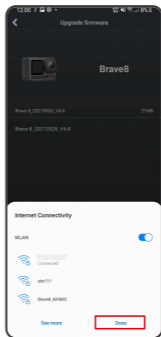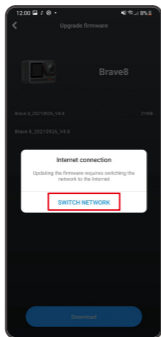
③ Tap on the **Connect camera** option once the download success page appeared. Then choose **Connect** and wait for the system to upgrade.
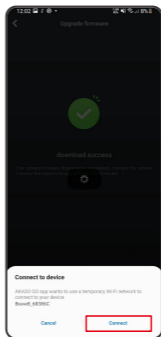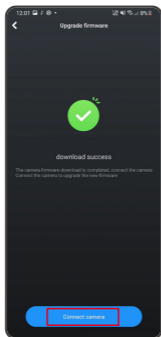
④ Now just click **Try it now** and the camera firmware has been upgraded to the latest version.

PLAYING BACK YOUR CONTENT

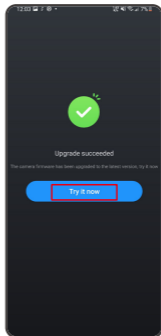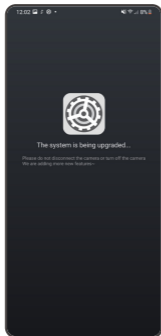Swipe from right to left to enter the playback interface. Tap grid view to change the thumbnail browse mode. Swipe the screen to browse the file. Click the file to preview, then tap the "Playback" icon to play the file. To delete the file, tap the Delete icon and click "Confirm".
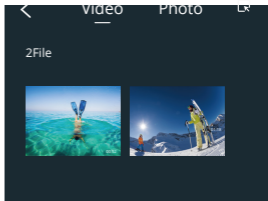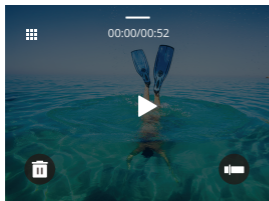
CONNECTING TO USB

Plug in the camera with the cable when it powers on and select USB storage, copy files from the memory card to PC. Select Camera Mode to use the camera as the Web camera. Select Charging Mode to charge the camera.

MAINTAINING YOUR CAMERA

Please follow these guidelines to get the best performance of your camera:

1. For best audio performance, shake the camera or blow the mic to remove debris from the microphone holes.
2. To clean the lens, wipe it with a soft and lint-free cloth.
3. Do not insert any object around the lens.
4. Do not touch the lens directly with your fingers.
5. Keep the camera away from drops and bumps, which may cause damage to the parts inside.
6. Keep the camera away from high temperature and exposure to strong sunray.

MAINTAINING YOUR BATTERY

If the battery reaches 0% while recording, the camera will save the file and the power goes off.

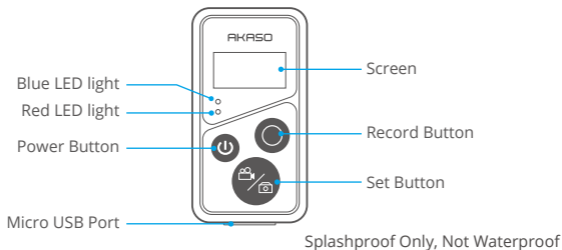To maximize battery life, please follow these guidelines if possible:

・Turn off Wireless Connections when not using
・Capture videos at lower frame rates and resolutions
・Use screen protection setting

Battery storage and operation

・Do not expose the camera to extreme cold or hot weather. It will shorten the battery life or cause malfunction to the camera with those conditions. Please avoid the extreme changes in temperature or humidity as condensation may form on or inside the camera.
・Do not dry the camera or battery with microwave ovens or hair dryers. Damage to the camera or battery caused by liquid is excluded from the warranty.
・Do not store the battery with metal objects such as coins, keys or necklaces. If the battery terminals come close to metal objects, fire may be caused.
・Do not make any unauthorized alterations to the camera as this may compromise the safety, regulatory compliance, or performance, and may void the warranty.

REMOTE BUTTON OPERATION INSTRUCTIONS

Screen

Blue LED light
Red LED light

Power Button

Record Button

Set Button

Micro USB Port

Splashproof Only, Not Waterproof

1. Remote Power on/off

Function	Operation Status	Operation	Detail
Power on	Off	Press the Power button	Press the Power button to turn on the remote. The red and blue lights will be flashing.
Pair	Pairing	Press Set and Record buttons	1. Enter the camera's settings to turn on Remote. 2. Long press both the Record and Set buttons till the date displays on the remote screen and the red and blue lights stay solid. 3. Once connected, the remote will connect with the camera automatically next time when the camera turns on and Remote is enabled.
Power off	On	Press the Power button	Press the Power button for one second to turn off the remote control.

2. Photos/Videos

Function	Operation Status	Operation	Detail
Record videos	Video Mode On	Press the Record button	Press the Record button to start recording. Press again to stop recording.
Take photos	Photo Mode On	Press the Record button	Press the Record button to start taking photos.

3. Switch Mode

Function	Operation Status	Operation	Detail
Switch mode	Video or Photo Mode On	Press the Set button	Press the Set button to switch the video or photo mode.

4. Turn off the Camera

Function	Operation Status	Operation	Detail
Control the camera to shut down	On	Press and hold the Power button for 5 seconds	Press and hold the Power button for 5 seconds, you can control the camera to shut down, and the remote control also automatically shuts down.

5. Indicator Status Description

Blue Light	Red Light	Status Description
Off	Off	Power off
Flash quickly	Flash quickly	Not paired
/ Off / Flash slowly	Off /	Work mode (power on)
		Video Recording
	Keep on (charging status)	The remote is charging
	Off (charging status)	The remote is fully charged

ACCESSORIES

CONTACT US

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