
USER MANUAL

AKASO Brave 8 Action Camera

V2.3

AKASO

CONTENTS

What's In The Box	01	>>
Your Brave 8	02	>>
Getting Started	05	>>
Overview Of Modes	07	>>
Comprehensive Functions	08	>>
Instructions	08	>>
Camera Settings	09	>>
Resolution Setting	11	>>
Personalized Setting	12	>>
Connecting To App	16	>>
Playing Back Your Content	23	>>
Connecting To Usb	23	>>
Maintaining Your Camera	24	>>
Maintaining Your Battery	24	>>
Remote Button Operation Instructions	25	>>
Accessories	27	>>
Contact Us	28	>>

WHAT'S IN THE BOX



AKASO Brave 8
x 1



Camera Frame
x 1



Helmet Mounts
x 2



Remote Control
x 1



Battery Charger
x 1



Battery
x 2



Handle Bar/
Pole Mount x 1



Mount
x 7



Lens Cloth
x 1



Tethers
x 5



Bandages
x 4



USB Cable
x 1



Remote Control
Strap x 1



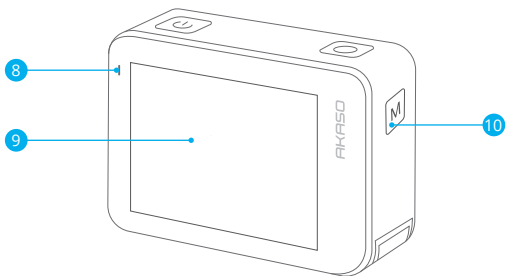
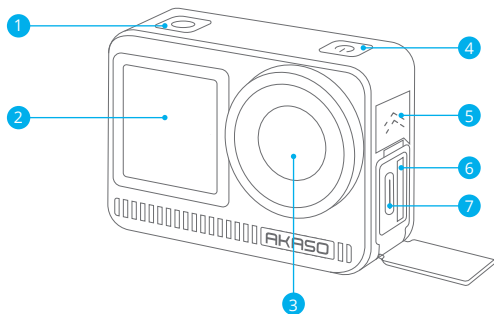
Double Sided Tape
x 2

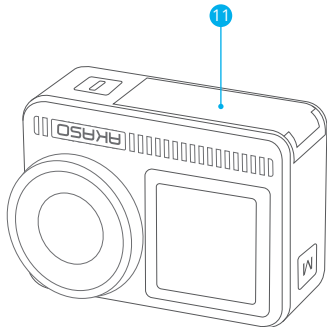


Quick Start Guide
x 1



YOUR BRAVE 8





- | | |
|--------------------------|---------------------------|
| ① Shutter/Confirm Button | ⑦ USB-C Port |
| ② Front Screen | ⑧ Charging/Wifi Indicator |
| ③ Lens | ⑨ Screen |
| ④ Power Button | ⑩ Mode Button |
| ⑤ Speaker | ⑪ Battery Cover |
| ⑥ Memory Card Slot | |

Note on Buttons Function

• Power Button:

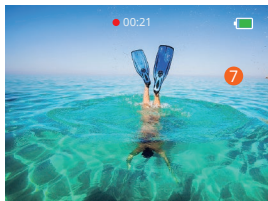
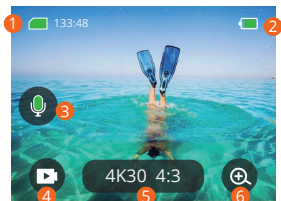
Press to wake the device from sleep. Press and hold to power on/off.

• 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:

display the percentage of battery.

3. Audio switch:

Turn on or off the sound when recording a video.

4. Photo Mode:

switch modes or display the current mode.

5. Resolution Ratio:

display current resolution ratio or set the resolution ratio.

6. Zoom:

adjust the shooting angle.

7. Photo Page:

control video shooting under video mode.

Note: The camera will not record sound 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). You need to activate in APP for first use (please activate within 3 times; otherwise, the camera will be locked).

Note:

1. Use memory cards that meet U3 grade.
2. 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).
3. Support memory card capacity maximum of 512GB.
4. 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 using the camera or camera reformatting for the first time, a quick start guide will display how to use the camera and settings. At the same time, it will remind you to activate in APP but you can click "skip" to ignore. (Note: please activate within 3 times skipping; otherwise, the camera will lock).



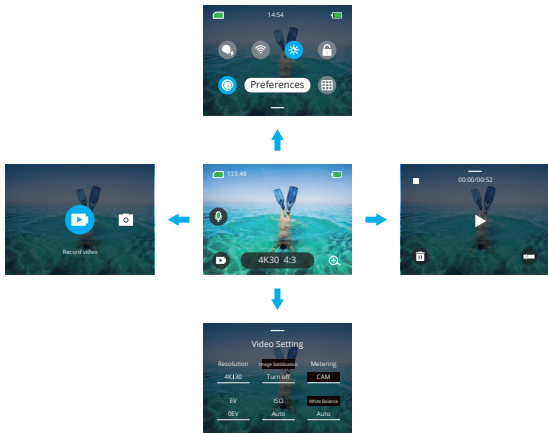
Function Specifications

Swipe up – specification settings

Swipe down – general settings

Swipe left – quick switch to Photo Mode

Swipe right - playback



• Mode Switching:

1. Swipe from left to right on the home page.
2. Click "Mode Switch" to enter Photo Mode.

• Personalized Settings:

Swipe up to enter the personalized settings and adjust to specifications.

• Playback:

Swipe right to enter the playback page and record videos, preview, or delete photos.

• Camera Settings:

Swipe down to turn on the specification settings interface and set the general settings.

OVERVIEW OF MODES

Swipe 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

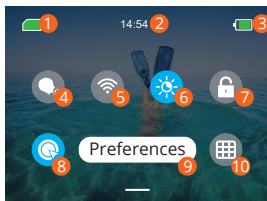
Image Stabilization Function

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.

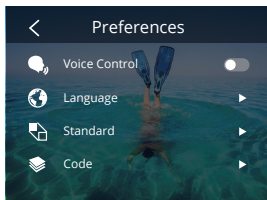
INSTRUCTIONS



- | | |
|------------------------|--|
| 1 Memory Card Capacity | 6 Screen Brightness (3 Levels) |
| 2 Time | 7 Screen Lock |
| 3 Battery Level | 8 Quick Video Recording or
One Key to shoot |
| 4 Voice Control | 9 Preferences |
| 5 Wifi | 10 Grid |



CAMERA SETTINGS



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

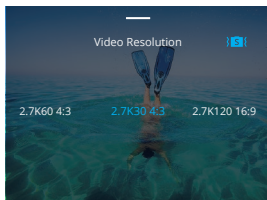
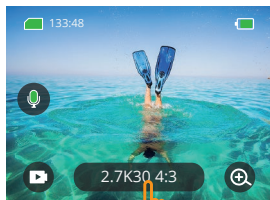
Functions	Specifications	Note
Voice Control	Power on /Power off (default)	AKASO Video start AKASO Stop video AKASO Take photo AKASO Power off
Language	Support 9 languages	English/Deutsch/Français/ Español/ Italiano/日本語/简体中文/繁體中文/ 한국인
Standard	NTSC (default)/PAL	
Code	H.264 (default)/H.265	Choose H.265 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 general settings, press  . 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 / } SuperSmooth

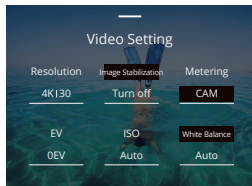
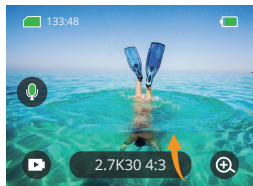


• Photo

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

PERSONALIZED SETTING

Swipe up to enter the personalized setting of videos and photos, specifications 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 16:9/1440P180/1440P120/1440P90/1440P60/1440P30/1080P200/1080P120/1080P90/1080P60/1080P30	Video Mode
	8K16:9/4K4:3/4K16:9/2.7K4:3/2.7K16:9/1440P/1080P Time interval: 0.5s/1 s/2s/5s/10s/30s/1 min/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 16:9/2.7k90 4:3/2.7k60 4:3/2.7k90 16:9/2.7k120 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

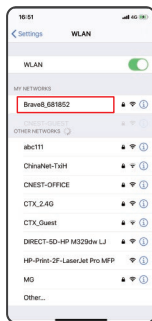
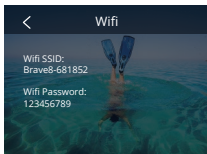
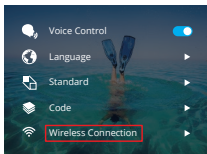
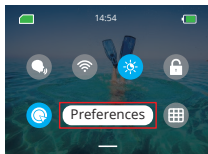
Wifi is enabled by default only during the activation process when the user starts up, and will be turned off by default in other processes. If there is no connection within 5 minutes, it will be automatically turned off. If you do not connect within 5 minutes, the APP will be automatically disconnected.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

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

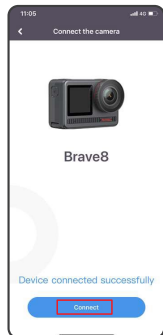
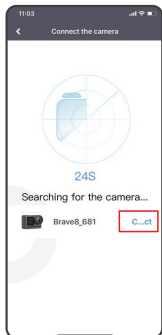
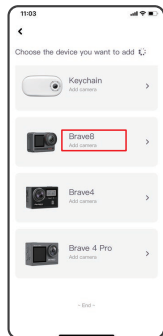
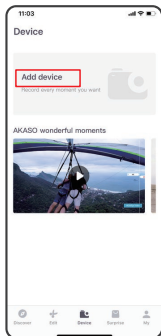
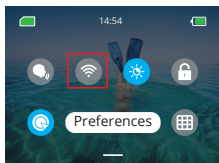
- ① Power on the camera by default
- ② Wifi icon on the quick menu
- ③ Wireless connection under the Settings

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**, screen display: Wifi SSID and Wifi Password. Then select "Brave 8_xxxx" in the Wifi interface on your phone.



- ② Swipe down to general settings and click . Select "Add device" in AKASO GO APP, find **Brave8** and click on it. Select **C...ct - Join**, and then click **Connect**.



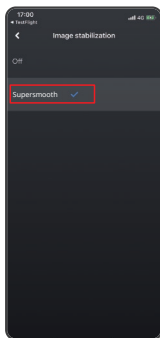
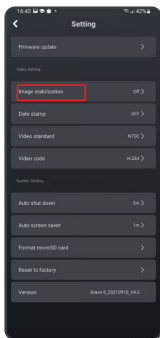
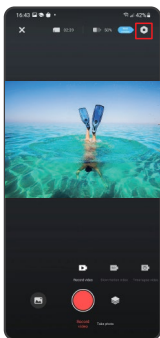
Wifi connected: Wifi indicator light ON
 Screen display: Connected to Brave 8_xxxx

- Control camera by APP. You can record, shoot, playback, load, delete and edit.
- After connecting the app, press the Mode button to turn off the camera Wifi, exit the Connecting interface, and the connection with the app will also be disconnected.

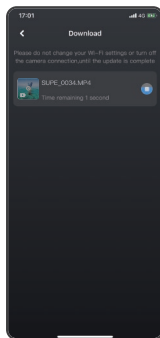
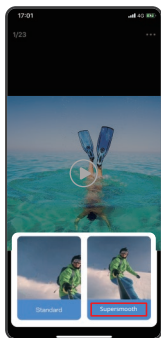
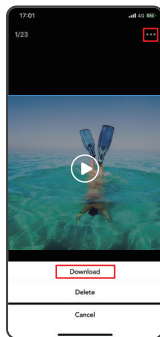
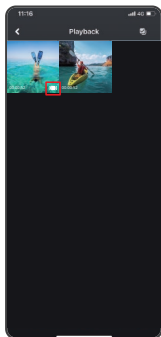
5. SuperSmooth Instructions

- 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 above).



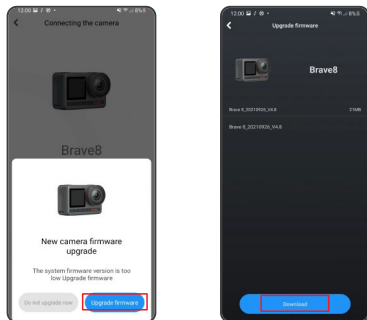
- ② Click  , choose the video with  , click ... and select **Download - Supersmooth**, then the video downloaded on the phone will be the one with the correct supersmooth effect.



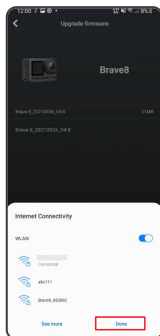
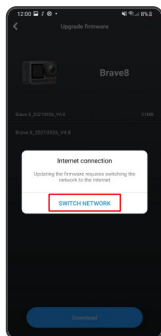
6. Firmware Upgrade Instructions

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

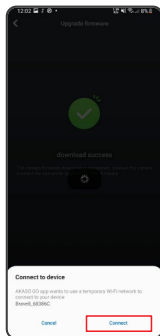
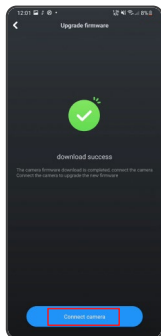
Note: Please insert the memory card before upgrading the firmware. You can also choose **Do not upgrade now**. Click **Connect** and then click , Select **Firmware update** on the setting menu, and click **Download**.



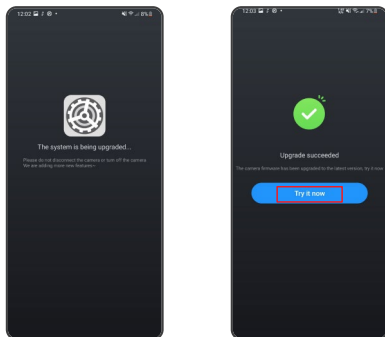
- ② Click **SWITCH NETWORK** and select a Wifi that works well, and click **Done** when it displays connected.



- ③ Tap on the **Connect camera** option once the download success page appeared. Then choose **Connect** and wait for the system to upgrade.

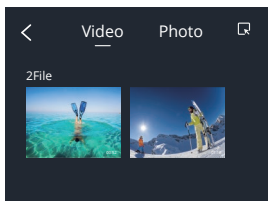
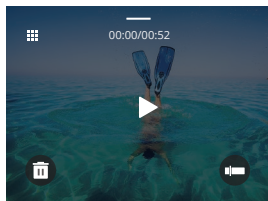


- ④ Now just click **Try it now** and the camera firmware has been upgraded to the latest version.



PLAYING BACK YOUR CONTENT

Swipe right to enter the playback interface. Tap grid view to change thumbnail browse mode. Swipe the screen to browse the file. Click the file to preview, click the "Delete" icon to delete files and click the "Select" icon to settle files.



CONNECTING TO USB

Plug in the cable when the camera powers on and select USB storage, copy files from 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



1. Remote Power on/off

Function	Operation	Detail
Power on	Press the Power button	Press the Power button, the red and blue light flashes, waiting to be connected with the camera.
Pair	Press both Set and Record button	Press Set and Record button at the same time until the red and blue lights are on for 1 second and then release. The screen will display the current camera status information after connecting the camera.
Power off	Press the Power button	Press the Power button to turn off the display.



2. Photos/Videos

Function	Operation	Detail
Record videos	Press Record button	Press Record button to start recording, press again to stop recording.
Take photos	Press Record button	Press Record button to start taking photos.

3. Switch Mode

Function	Operation	Detail
Switch mode	Press Set button	Press Set button to switch video or photo mode.

4. Turn off the Camera

Function	Operation	Detail
Controls the Camera to Shutdown	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 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	Off	Work mode (power on)
Flash slowly	/	Recording videos
/	Keep on (charging status)	The remote is charging
/	Off (charging status)	The remote is fully charged

ACCESSORIES





CONTACT US

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

Tel: (888) 466-9222 (US)

Email: cs@akasotech.com

Web: www.akasotech.com

The microSD, microSDHC, microSDXC and SD marks and logos are trademarks of SD-3D, LLC.

