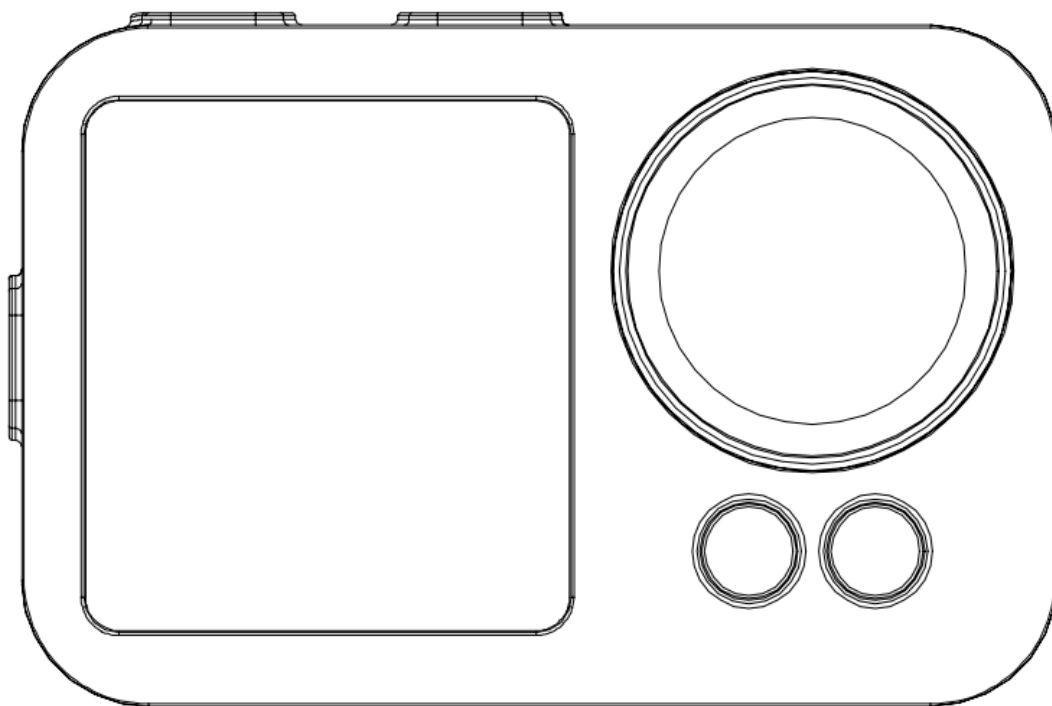




User Manual

Model No.: F02SA

Hello

Thank you for purchasing this camera. Please read the manual carefully before using, and keep it in a safe place for future reference.

The screenshots and illustrations used in this manual are to explain the operation of this camera in more detail and intuitively.

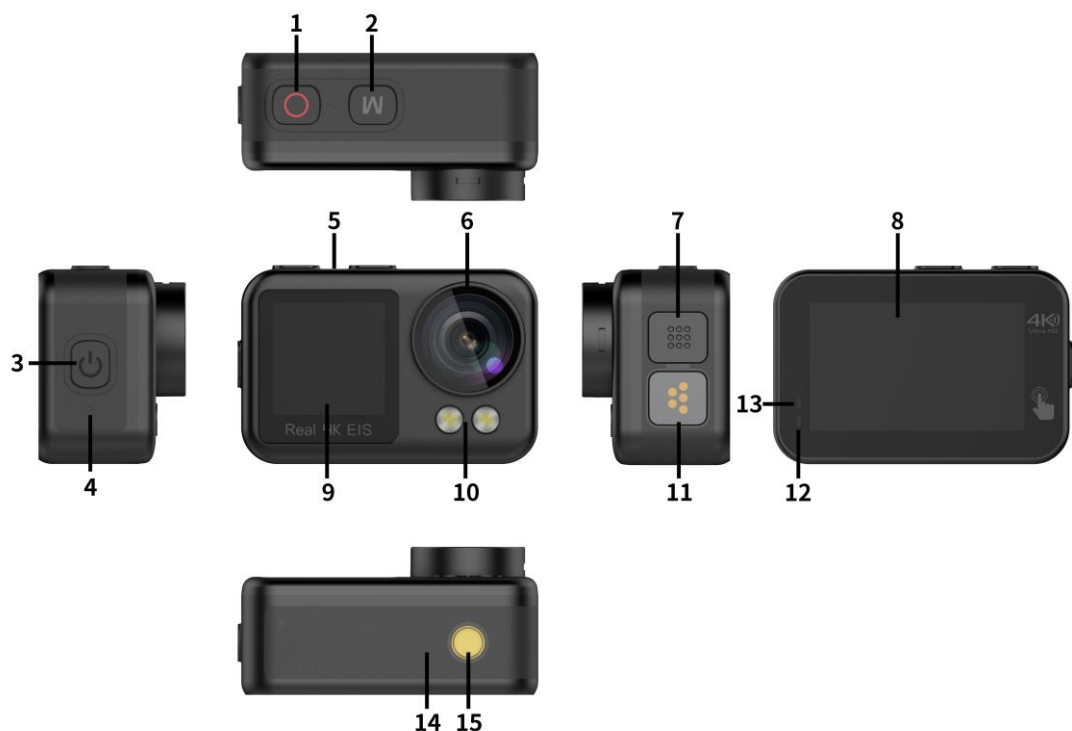
Operation Guide

This camera comes with built-in 64GB EMMC (32GB/128GB optional), no need to insert an extra Micro SD card before using.

Product Features

- > Real 4K video resolution
- > Multiple shooting modes, such as Timelapse, Slow motion, Burst, Timer etc.
- > Back 2" touch screen + Front 1.4" LCD screen
- > Support Gyro stabilization
- > Support 2.4G remote controller
- > Support Wi-Fi connection
- > Built-in 3.7V/1950mAh Li-ion battery
- > Support Voice control
- > Support 2 LED flashlight

Product Diagram



- | | | |
|------------------------|---------------------------------|-----------------------------|
| 1. OK /Confirm Button | 2. Mode Button | 3. Power Button |
| 4. Microphone | 5. Microphone for Voice control | 6. Lens |
| 7. Speaker | 8. Back screen | 9. Front screen |
| 10. Fill light | 11. Magnetic interface | 12. Working indicator |
| 13. Charging indicator | 14. Reset | 15. 1/4" Tripod mount screw |

Indicator

Working Indicator	1. LED flashing while video recording; LED flash once while taking a single photo 2. LED off when camera turns off
Charging Indicator	1. LED is on during charging 2. LED is off after battery fully charged

Button Instruction

Power Button	1. Press and hold the Power button to turn on the camera. 2. When camera is on, short press Power button to turn on Wi-Fi. 3. When Wi-Fi is on, short press Power button to turn off Wi-Fi. 4. When in setting mode or playback mode, short press Power button to scroll down the menu. 5. When camera is on, press and hold the Power button to turn off the camera. 6. When camera is off, 1)Short press the Power Button once: Slightly light 2)Short press the Power Button twice: High Bright 3)Short press the Power Button three times: High light flashing 4)Short press the Power button four times: Turn off the fill light.
M (Mode) Button	1. In real-time preview interface of back screen(2"), short press M button to switch between Video mode - Picture Mode - Playback - Video Setup - Photo Setup. 2.Press and hold M button around 3seconds to switch between front screen (1.4") and back screen (2"). 3.In real-time preview interface of front screen(1.4"), short press M button to switch between video and picture modes.
OK Button	1. When in video mode: 1)Short press OK button to start recording, press again to stop recording; 2)Press and hold OK button to enter into video modes setting menu, including Normal, Seamless, V-Timelapse, SlowMotion, FastMotion and Wi-Fi 2. When in picture mode: 1)Short press OK button to take a picture; 2)Press and hold OK button to enter into photo modes setting menu, including Single, Burst, P-Timelapse, Countdown, LongExp. and Wi-Fi. 3. When in playback mode: 1) Press OK button to enter into the file preview list, short press Power/Mode button to scroll and short press OK button to confirm the selected videos or pictures. 2)During the playback, short press OK button to pause/play the video.

R Button (Reset)	Short press with your nail to turn off the camera when freezing, then you can restart the camera.
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Photo Mode



Photo preview interface

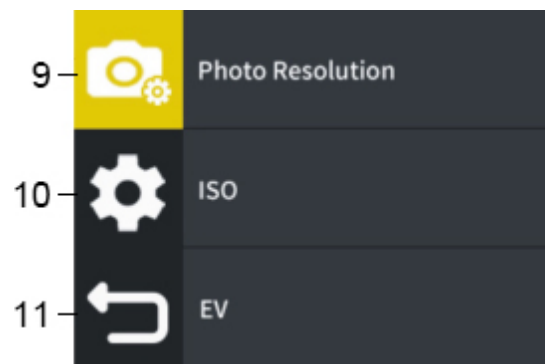
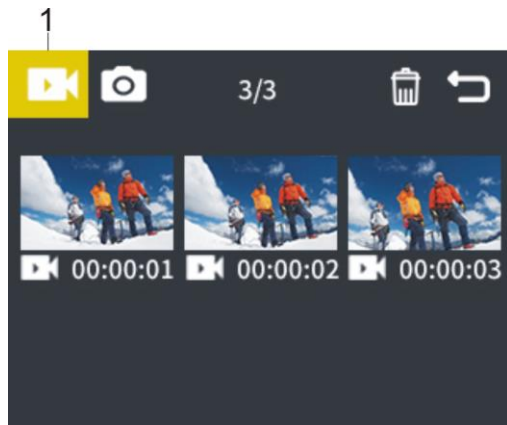


Photo setting menu

1. Photo mode
2. Number of captured photos
3. Remaining photo quantity of the memory storage
4. Battery power icon
5. Photo playback
6. Photo resolution display (Click this icon to enter into photo mode settings)
7. Settings (Click this icon to enter into video settings menu and general setting menu)
8. Photo preview interface (Swipe to left or right to switch into video mode)
9. Photo setting menu
10. General setting menu
11. Exit

Delete the Videos/Photos

When camera is on, press “M” button to switch between Video - Photo - Playback - VideoSetup - PhotoSetup, press OK button to confirm to enter into playback mode. (Or you can click the playback icon  to enter into playback mode directly).



Video playback preview interface

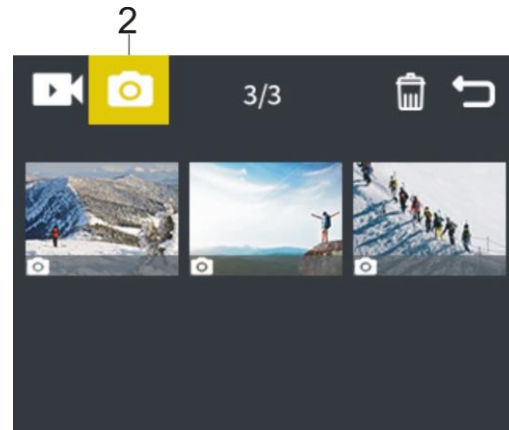
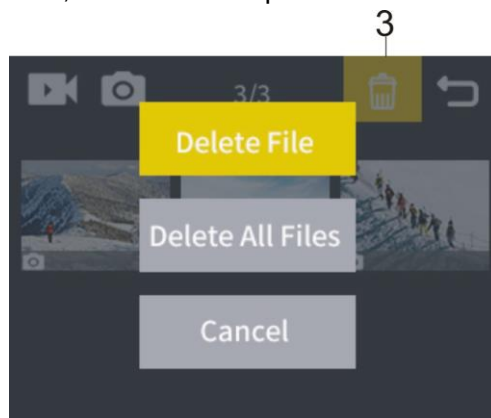


Photo playback preview interface

Delete the files: When “Video/Photo playback preview interface”, click the icon , and click the file you would like to delete, then click the icon  again, it pops up the following screenshot, then click the option to delete the files.



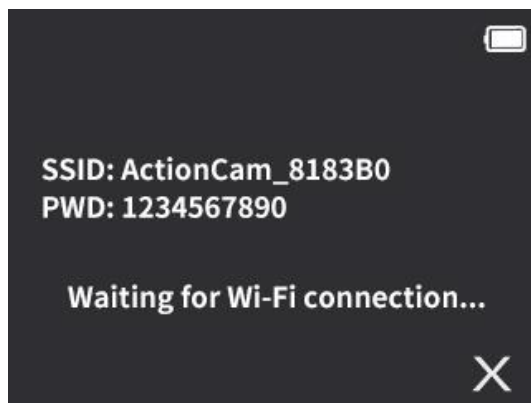
Delete interface

WIFI App Connection

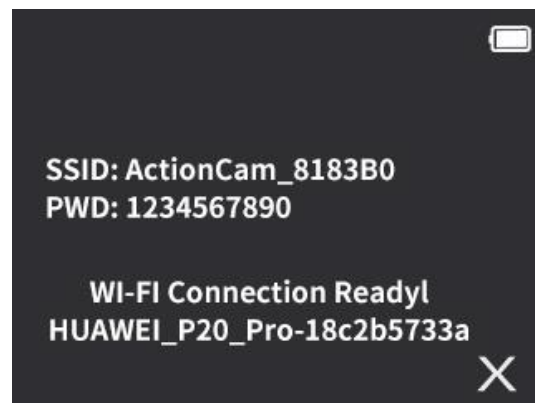
The camera allows full control, live previewing and playback of photos/videos on most Smart phones and Tablets.

- a. Download the App **"Super Cam"** from "Google Play" or from the Apple "App Store".
- b. Short press the Power button (or click the wifi icon on quick menu) of the camera to turn on WIFI, the "Waiting for WI-FI Connection..." appears on the screen.
- c. Activate WIFI in the General Setup Menu of your mobile phone.
- d. Go to the WIFI settings on your Phone, you will see "ActionCam_xxxxxx" in the list of available Wireless networks.
- e. Connect your phone to the "ActionCam_xxxxxx" via WIFI.

The default WIFI Password for the device is: 1234567890.



Connecting...

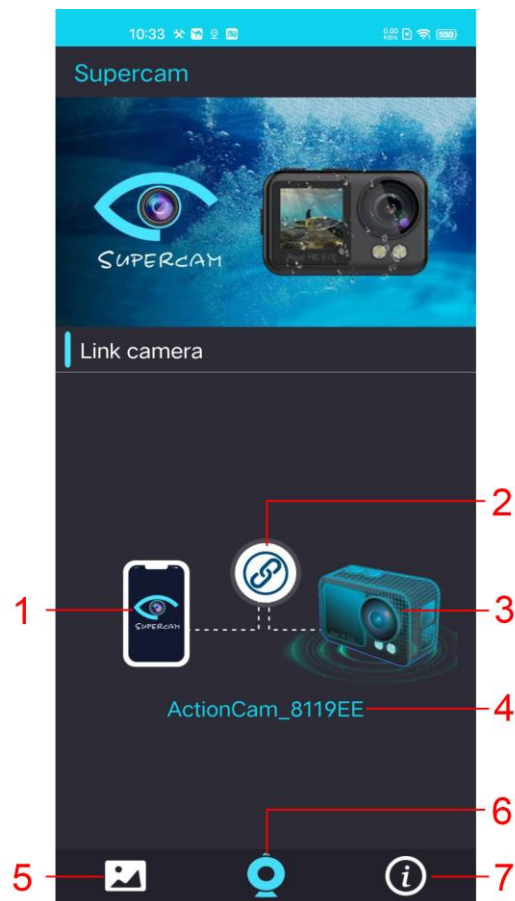


Connected

You can also scan the following QR code to install the app:

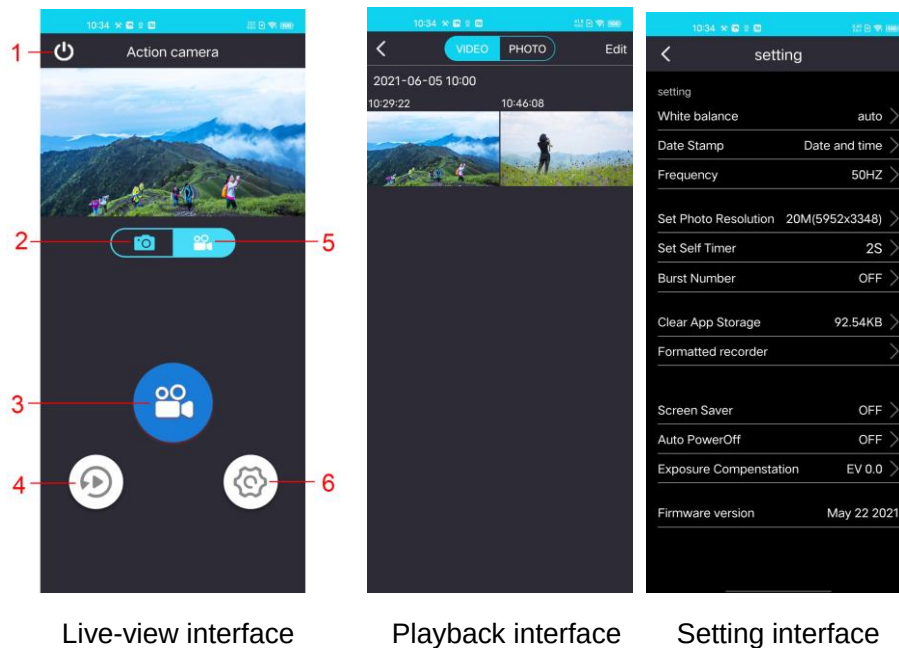


App interface



1. Mobile phone
2. Connection
3. Camera
4. WiFi SSID
5. Gallery
6. Home

7. APP Version



1. Exit
2. Photo Mode
3. Confirm/Shutter
4. Playback
5. Video Mode
6. Settings

Brief introduction

a. Video Recording

Click the icon , it will light red during recording;

b. Photo Capturing

Click the icon , it will flash red once when taking a single picture

c. Playback

Click the icon  to playback the videos or photos online, click Edit to download or delete the videos or photos

d. Settings

Click the icon  to change some settings such as resolution, white balance etc..

Computer download photos / videos

When the camera is connected to computer, and used as a removable disk, the removable disk will be added in "My Computer" window. The captured photos or videos will be stored in the " JPG/VIDEO " directory in the removable disk. You can enter this directory to copy files to your computer's hard disk.

 **Note:** Do not disconnect the USB connection during the download of the file.

If the PC camera function is activated, you are not able to see the removable disk option of the camera.

Voice Control

Only 8 languages are supported. When camera is on, the voice command can be executed only when the voice control entry language is same with OSD language.

Please refer to the voice control entry as follows:

Chinese	English	Deutsch	Français
开始录影	Video Start	Videoaufnahme starten	Enregistrer vidéo
录影停止	Stop Video	Videoaufnahme stoppen	Arrêter vidéo
打开 WIFI	Turn on WiFi	WIFI an	Activer WIFI
WIFI 关闭	WiFi off	WIFI aus	Couper WIFI
拍照	Take photo	Foto machen	Prendre photos
关闭相机	Shutdown DV	ausschalten	Eteindre

Español	Italiano	日本語	Русский
Graba vídeo	Avvia Video	ビデオスタート	Начать запись
Termina vídeo	Arresta Video	ビデオストップ	Видео остановлено

Activa WIFI	Attiva WIFI	WiFi を開く	Включите WIFI
Apaga WIFI	Disattiva WIFI	Wifi を閉じる	WIFI выключен
Toma la Foto	Scatta la Foto	写真を撮る	Фотографировать
Apágate	Spento	電源オフ	Выключите камеру

Specification

Sensor	IMX386
Lens	170 degree wide-angle
Display screen	Back screen: 2.2 inches; Front screen: 1.4 inches
Gyro	Support
Voice control	Support
MIC	Support
Fill light mode	Support
Storage	Built in 64G EMMC(optional 32G / 128G)
RTC	Support
Remote control	Support
Power input	Shrapnel contact, 5v1.5A
Language	English, simplified Chinese, traditional Chinese, German, French, Italian, Spanish, Portuguese, polish, Dutch, Russian, Japanese
Photo	20MP, 16MP, 14MP, 10MP, 8MP, 5MP, 2MP
Video	4K 60fps, 4K 30fps, 2.7K 60fps, 2.7K 30fps, 1080P 120fps, 1080P 60fps, 1080P 30fps, 720P 240fps, 720P 120fps, 720P 60fps
Image format	JPEG
Video format	MOV
Video compression format	H.264
Distortion Calibration	Support
Diving mode	Support
Data connection	USB2.0
Speaker	Support
Battery capacity	Built-in 3.7V, 1950mAh
Recording time	About 140 minutes on 4K@30fps
Charging time	About 4-5hours
WIFI	Support, 2.4G
App	Support Android/iOS App
Operating system	Windows XP/7/8 SP3/Vista and Mac 10.5 or above
Working temperature	-10℃～+55℃
Storage temperature	-20℃～+70℃
Relative humidity	5% ～ 95% (no frost)
Application	Extreme sports, outdoor sports, cycling, diving, family safety, etc.

The contents covered in this manual is based on the latest information at the time of writing the manual. Due to the differences of technical development and production batches, it may be slightly different from your actual use. Please take the actual product features prevail.

FCC Caution:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.