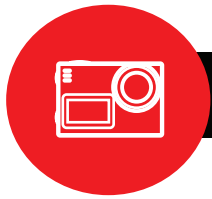




# USER MANUAL

## SJ8 AIR





# INTRODUCTION

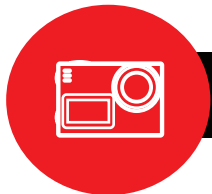
**We believe everyone has a dream. Our mission is to make you express yourself, your vision and dreams in order to make them real, and share them with others.**

In the last 10 years of experience in Research and Development and Commercialization, we have gained world recognition from customers and retailers, with the ambition to give people the possibility to create, explore and empower their dreams.

Having our own factory, controlling the whole production process, and a facility with more than 500 employees, makes us more versatile and able to reach the market fast, ensuring that the highest quality standards are met. It is all about dreams.

Dare to join the SJCAM Revolution.

-SJCAM CEO



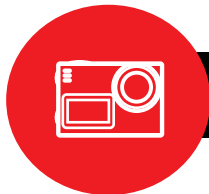
# CONGRATULATIONS ON YOUR NEW SJCAM ACTION CAMERA!

**We know you're excited to use your SJ8 AIR  
please take me to read this manual before doing anything with it.  
There's plenty you can do, so you need to familiarize yourself  
with the features now to get the most out of it.**

**It is important to keep your camera's firmware up to date.  
You may connect your camera via WiFi to the SJCAM ZONE app  
to automatically download and install the latest firmware,  
or visit [www.sjcam.com/firmware](http://www.sjcam.com/firmware).**

## CAUTION!

1. This is a high-precision product. Do not drop.
2. Do not expose the unit to strong magnetic fields, such as magnets, electrical motors, and machinery that use strong radio waves.
3. Never leave the unit in high temperature areas. Electronics and optics can be damaged under prolonged exposure to heat.
4. Do not submerge the camera in water without putting it in the included waterproof case.
5. Always store extra batteries in a compartment away from any sharp metals and moisture.
6. Avoid extended periods of battery charging. Keep it away from children and pets while charging to avoid accidents.



SJ8 AIR

p. 4

www.sjcam.com

**SJCAM**  
EMPOWER YOUR DREAMS

# SJ8 AIR SPECIFICATIONS

**CHIPSET:** Novatek NT96658

**SENSOR:** PANASONIC MN34112PA

**SENSOR RESOLUTION:** 14.24 MEGA PIXELS

**FRONT SCREEN:** NO

**MAIN SCREEN:** 2.33" IPS TOUCH SCREEN

**LENS:** 7G

**ANGLE:** 160°

**APERTURE:** F 2.6

**FOCAL LENGTH:** 3.1 MM

**VIDEO RESOLUTION:** 1296P:1728X1296 30FPS, 1080P:1920X1080 30FPS,  
720P: 1280X720P 30FPS, VGA :640×480 240FPS

**BATTERY CAPACITY :** 1200mAh DETACHABLE BATTERY

**WEIGHT:** 80 G

**DIMENSION:** 62.5 MM \* 41 MM \* 28.8 MM

**SYSTEM:** WINDOWS 7, 8X OR ABOVE /OS X® 10.8 OR ABOVE

**STORAGE SUPPORTED:** MICRO SD, UP TO 32GB, 64GB AND 128GB

**BATTERY DURATION (APPROX.):** 130 MINUTES FOR 1080P VIDEO WHEN  
WI-FI OFF AND SCREEN CLOSED

**VIDEO FORMAT:** MP4 (H264)

**DECODE FORMAT:** H.264

**VIDEO FORMAT:** MOV, MP4

**PHOTO RESOLUTION:** 14M (4320×3240 4:3), 12M (4032X3024 4:3), 10M (3648×2736 4:3), 8M (3264×2448 4:3)  
5M (2595×1944 4:3), 3M (2048×1536 4:3), 2MHD (1920X1080 16:9)

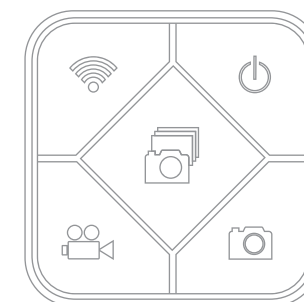
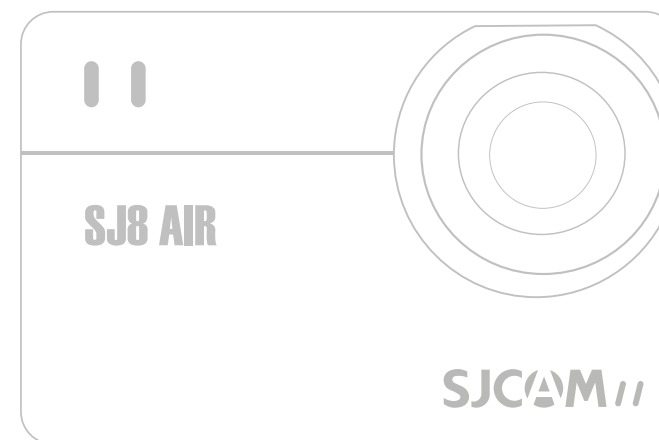
**IMAGE FORMAT:** JPG

**WIFI:** 2.4G

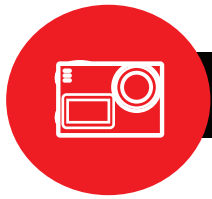
**GYRO STABILIZATION:** YES

**MODE:** VIDEO, VIDEO LAPSE, SLOW REC, STILL, PHOTO LAPSE, BURST MODE, VIDEO+PHOTO MODE, CAR MODE, FPV MODE

**ADDITIONAL SETTINGS AND OPTIONS:** FOV, WDR, GYRO SENSOR, LOOP RECORDING, TIME STAMP, BITRATE, SHARPNESS, WHITE BALANCE, COLOR  
FAT, ISO CONTROL, EV, METERING, DISTORTION CORRECTION, SELF-TIMER CONTROL, FREQUENCY, AUTO POWEROFF, KEYPAD TONE, SCREEN SAVER,  
ROTATE, LOGO WATERMARK, USER DEFINED EQUIPMENT ID

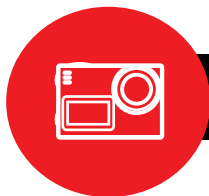






# SJ8 AIR - PARTS OF YOUR CAMERA





# SJ SMART REMOTE (Optional)

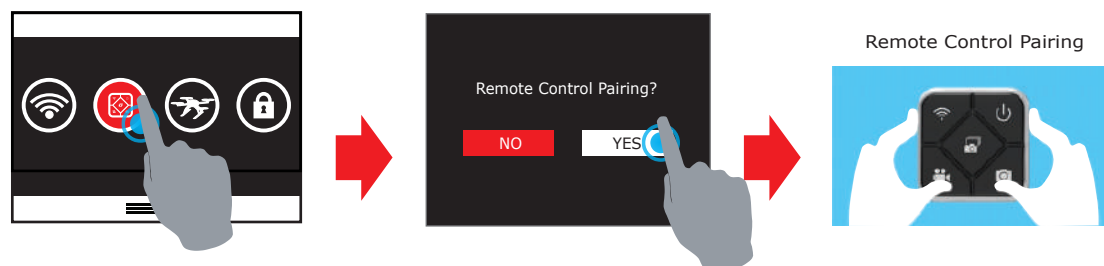


Once your Remote is paired, you will never need to pair it again. Everytime the **SJ8 AIR** is turned on, your **SJ Remote** can control your camera.

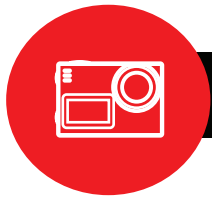
The Remote is tested to work at a maximum distance of 30 feet, or 10 meters, Line-Of- Sight.

**The battery on your Remote will last you a long time as it only uses power when you press any of the buttons.**

The remote is powered with a Lithium CR2032 button-cell battery.



To pair your remote to your **SJ8 AIR**: Swipe down from the top > Select Remote Control choose "Remote Control Pairing". A picture instruction will appear. Press the Video and the Photo buttons on the Remote simultaneously. "Pairing Completion ID" will show.



# REPLACING THE SJ8 AIR BATTERY

1.



Open the battery cover by sliding it to the side (on the bottom of the camera). The battery cover will spring outward.

2.



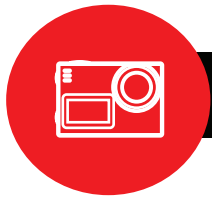
Grab the pull-tab with your fingers.

3.



Pull the battery out.  
Insert a fully-charged battery in.

**NOTE:** Always check the orientation of the battery before inserting it into the camera. An arrow printed on the label at the bottom points to the front of the camera, and also the location of the MicroSD card slot.



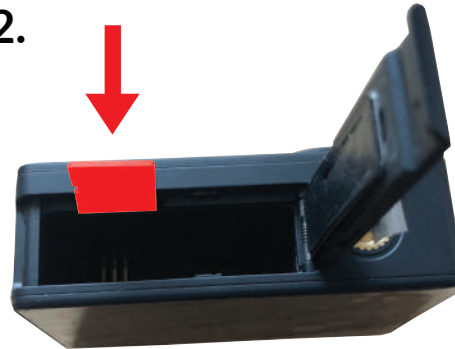
# INSERTING A MICRO SD CARD INTO THE CAMERA

1.



Open the battery cover by sliding it to the side.  
The battery cover will spring outward.

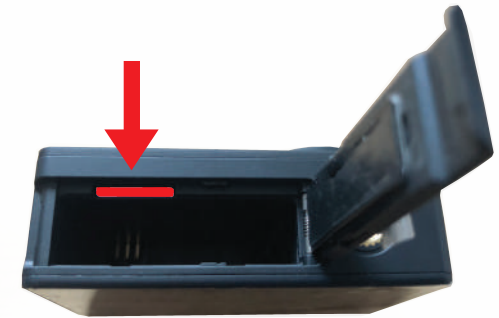
2.



Insert the card into the slot as shown.

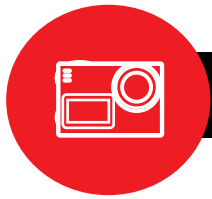
HINT: The arrow on the battery also points to where the card slot is, aside from showing the battery's orientation.

3.



Gently push the card in until it clicks into place.  
To remove the card, just reverse illustrations 2 & 3.

**NOTE:** To make sure you do not lose any data, only remove or insert your card while the camera is turned completely off.



# REMOVING THE CAMERA FROM THE WATERPROOF HOUSING



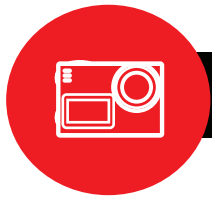
Release clasp by sliding and holding the lock.

Lift the front side of the clasp as shown.

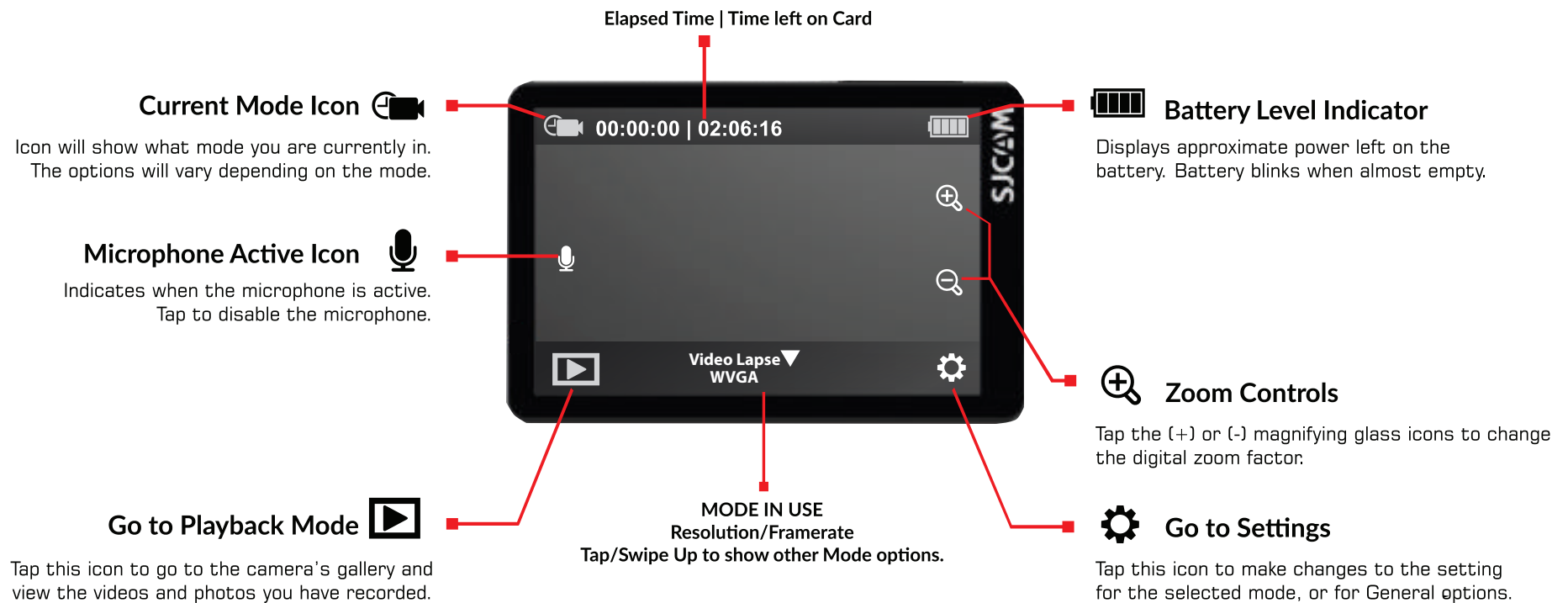
Unhinge the clasp from the backdoor.

Swing the backdoor downwards towards you.

Pull the camera out from the waterproof housing.

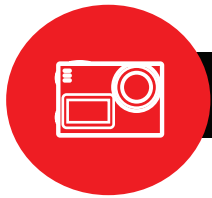


# THE MAIN SCREEN



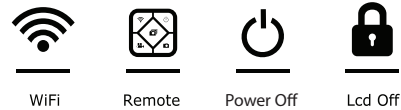
The Main Screen has many nested menus available by tapping or swiping.

You can also hide all the icons on screen to use the viewfinder without the onscreen icons and indicator labels by tapping anywhere in the middle.

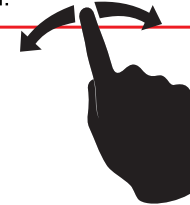


# THE SCREENS

## Toggles Screen



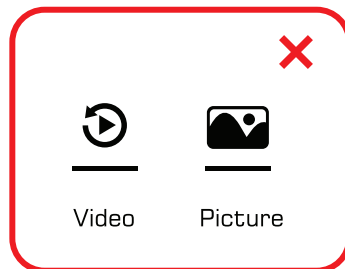
These are all the screens nested in the Main Screen. You can tap or swipe to access them.



## Main Screen [ViewFinder]

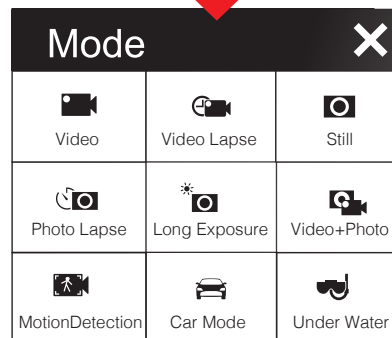


## Playback Screen



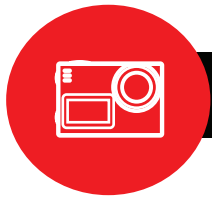
## Settings Screen

	Resolution	WVGA30fps >
	Loop Recording	3Minutes >
	Video Lapse	1 Second >

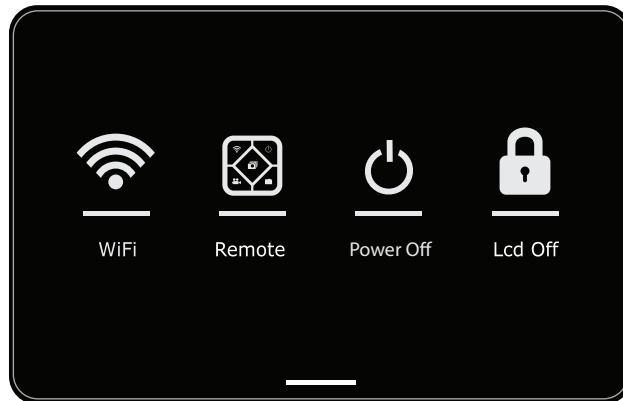


## Modes Screen





# THE TOGGLES SCREEN



To get here,  
swipe from the top.



## WIFI

Enable or disable the WIFI by tapping this and setting it.



## Remote

Enable the remote by tapping this and setting it to ON. You will also see the Pair SJ Remote option here.



## Power Off



## LCD Off

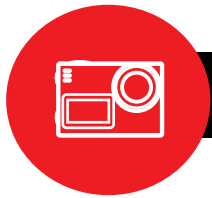
Turns off the display and disables the touchscreen to avoid accidental taps. Swipe the key icon to the lock to enable the touchscreen again.



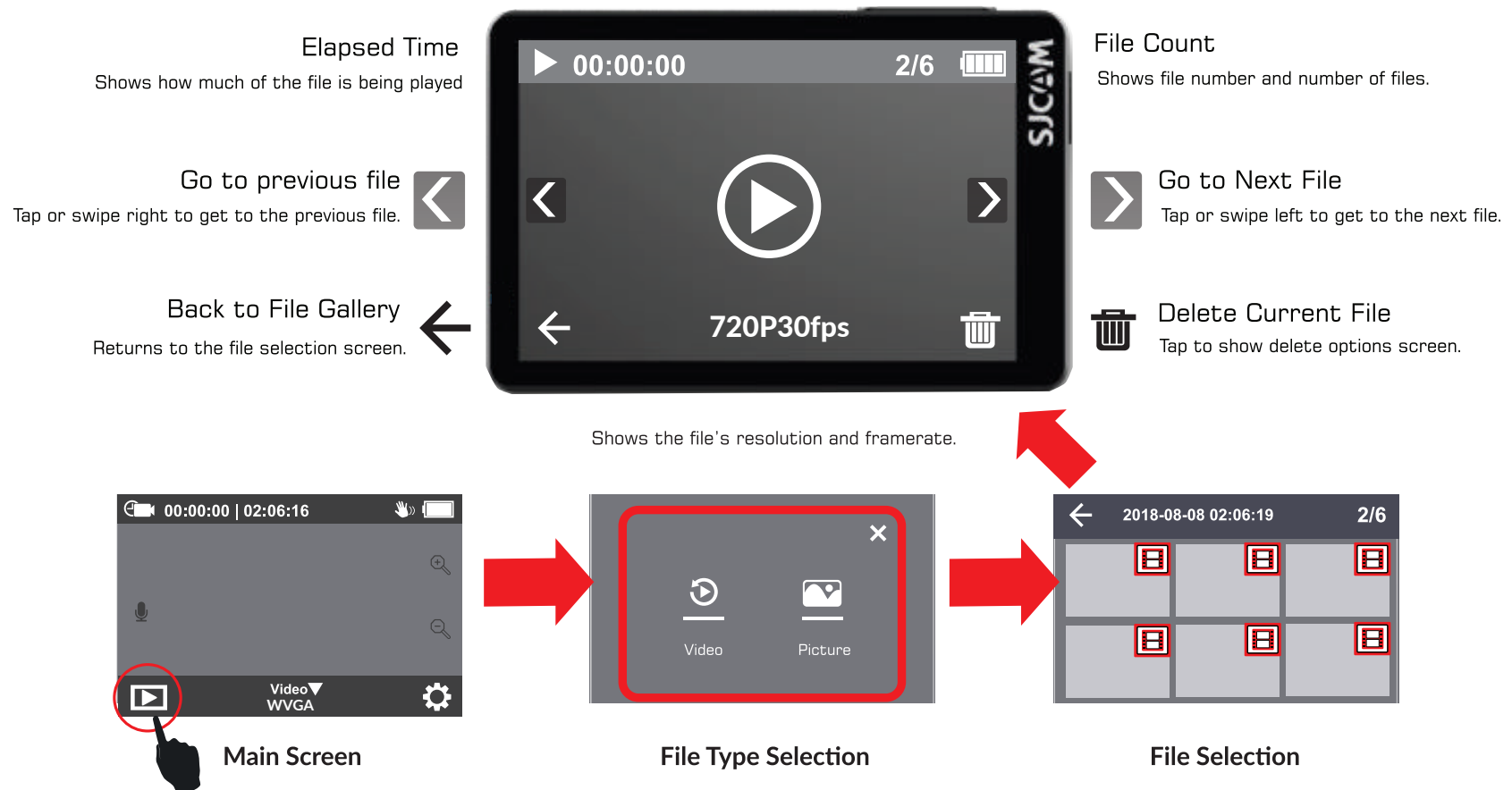
## Swipe Up to return to Main Screen

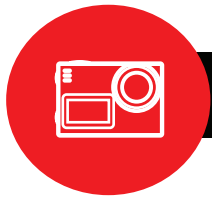
Swipe this up to hide the Toggles Screen














# THE PLAYBACK SCREEN





# THE MODES SCREEN

 Video	 Video Lapse	 Still
 Photo Lapse	 Long Exposure	 Video/Photo
 Motion Detection	 Car Mode	 Under Water

SWIPE UP to open mode settings



**VIDEO>** Mode for recording videos.

**VIDEO LAPSE>** Timelapse photography stitched on-cam to produce a video.

**STILL>** Still photograph mode.

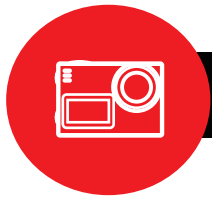
**PHOTO LAPSE>** A series of still photos for creating timelapse. Each photo will have its own file.

**LONG EXPOSURE>** Sets how long the sensor collects light through the lens.

**VIDEO/PHOTO>** For recording video while a sequence of photos are taken at a set interval.

**MOTION DETECTION>** The process of comparing sequential images and determining whether the differences between them represent motion.

**UNDER WATER>** Adds a tinge of red to photos or videos to eliminate the need for a red-filter when using the camera underwater. [Swipe Left or Right to switch from Photo to Video].



# THE MODES SETTINGS

## Current Mode Icon

Icon will show what mode you are currently in.  
The options will vary depending on the mode.

## General Settings Button

Tap the icon to go to the General Settings.  
Changes you make will reflect on all modes.

## Exit to Main Screen

Tap this X icon to exit.

To get here, tap this.



	Resolution	WVGA30fps >
	Loop Recording	3Minutes >
	Video Lapse	1 Second >
	Audio	Off >
	Time Stamp	On >

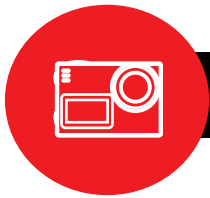
Scroll UP for more options

## Current Menu Options

Depending on what mode you are in,  
the menu options will vary. All the options  
for the particular mode will show on this  
side, scroll down for other items.  
Once set, the settings will be the same for  
that particular Mode everytime you go back  
until you change it again.

Each Mode has its own set of options.  
Familiarize yourself with each mode  
and its accompanying menu.





# VIDEO MODE OPTIONS

	Resolution
	Loop Recording
	Video Lapse
	Audio
	TimeStamp
	LOGO Watermark
	Sharpness
	EV
	White Balance
	Color

**RESOLUTION>** Allows you to set between ( 1296P 30fps, 1080P 30fps, 720P 30fps, WVGA 30fps, VGA640x480).

Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller filesize but will have less details in your video. Conversely, a higher resolution will contain more detail.

Note: FPS (Frames Per Second) is part of the options in video resolution:

The higher the FPS, the more images will be displayed per second and the smoother the movement in the video is at the expense of filesize.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 minutes).

Auto-saves your video in small sections depending on selected length. It will record over your oldest video once there is no more space left on your memory card.

**VIDEO LAPSE>** Allows you to set between (1 second-1 minute)

Sets the time interval between shots.

**AUDIO>** Allows you to set between (On, Off). Enable or disable recording of sound together with your video.

**TIME STAMP>** Allows you to set between (On, Off) When enabled will display the date and time of your recording.

**LOGO WATERMARK>** Allows you to set between (On, Off). Adds the SJCAM logo at the bottom of your recording.

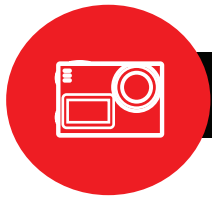
**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value-Changing EV compensates for the amount of light that is allowed in.




You can change this value to a lower setting if the scene is too bright, to compensate. (or higher) If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).



# VIDEO LAPSE OPTIONS

	Video Lapse
	Resolution
	Loop Recording
	Time Stamp
	LOGO Watermark
	Sharpness
	White Balance
	Color
	EV

**VIDEO LAPSE>** Allows you to set between (1 second to 1 minute).  
Sets the time interval between shots.

**RESOLUTION>** Allows you to set between ( 1296P 30fps, 1080P 30fps, 720P 30fps, WVGA 30fps, VGA640x480).  
Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller filesize but will have less details in your video. Conversely, a higher resolution will contain more detail.  
Note: FPS (Frames Per Second) is part of the options in video resolution:  
The higher the FPS, the more images will be displayed per second and the smoother the movement in the video is at the expense of filesize.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 minutes). Auto-saves your video in small sections depending on selected length.  
It will record over your oldest video once there is no more space left on your memory card.

**TIME STAMP>** Allows you to set between (On, Off). When enabled will display the date and time of your recording.

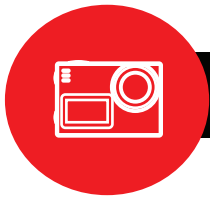
**LOGO WATERMARK>** Allows you to set between (On, Off). When on, the image sensor will compensate for low lighting conditions, at the expense of framecount (doubled-frames). Turning the feature off retains the current set exposure and lock to the selected framerate (FPS) regardless of lighting conditions.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.




**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value-Changing EV compensates for the amount of light that is allowed in.  
You can change this value to a lower setting if the scene is too bright, to compensate. (or higher) If it is too dark, but still depends on your desired effect.  
A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.



# STILL MODE OPTIONS

	Image Size
	Quality
	Sharpness
	White Balance
	Color
	ISO
	EV
	TIME STAMP

**IMAGE SIZE>** Allows you to set between (from 16M - 2M HD). Changes the size of still photos that will be recorded. Of course, the bigger the size the more detailed your pictures are at the expense of filesize.

**QUALITY>** Allows you to set between (Fine, Normal, Economy). Refers to how much compression the output image will have. The higher the setting the bigger the file is and will contain more detail.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

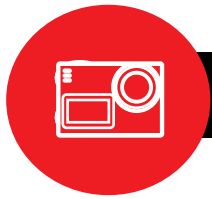
**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).




**ISO>** Allows you to set between (Auto, 100-3200). Sets the image sensor's sensitivity to light. Choose "Auto" on your camera if you are not familiar with this setting. Depending on the lighting conditions, use the lowest ISO whenever possible as higher settings will introduce more noise while pixel sensitivity also goes up. Adjust depending on your preference.

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.



# PHOTOLAPSE OPTIONS

	Photo Lapse Time
	Image Size
	Quality
	Sharpness
	White Balance
	Color
	ISO
	EV
	Time Stamp

**PHOTO LAPSE TIME>** Allows you to set between (from 5S-20S Timer). Sets the interval between shots.

**IMAGE SIZE>** Allows you to set between (16M4608x3456, 14M4320x3240, 12M4032x3024, 10M3648x2736, 8M3264x2448, 5M2592x1944, 3M2048x1536, 2MHD). Changes the size of still photos that will be recorded.  
Of course, the bigger the size the more detailed your pictures are at the expense of filesize.

**QUALITY>** Allows you to set between (Fine, Normal, Economy). Refers to how much compression the output image will have. The higher the setting the bigger the file is and will contain more detail.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

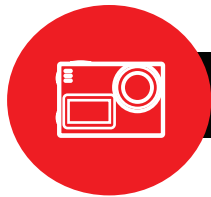
**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).

**ISO>** Allows you to set between (Auto, 100-3200). Sets the image sensor's sensitivity to light. Choose "Auto" on your camera if you are not familiar with this setting. Depending on the lighting conditions, use the lowest ISO whenever possible as higher settings will introduce more noise while pixel sensitivity also goes up. Adjust depending on your preference.

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.



# LONG EXPOSURE

	Exposure Time
	Image Size
	Quality
	Sharpness
	White Balance
	Color
	ISO
	EV
	Time Stamp

**EXPOSURE TIME>** Allows you to set between (Auto, 1/10 Second-2 Second). Sets how long the sensor collects light through the lens.

**IMAGE SIZE>** Allows you to set between (from 16M - 2M HD). Changes the size of still photos that will be recorded. Of course, the bigger the size the more detailed your pictures are at the expense of filesize.

**QUALITY>** Allows you to set between (Fine, Normal, Economy). Refers to how much compression the output image will have. The higher the setting the bigger the file is and will contain more detail.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

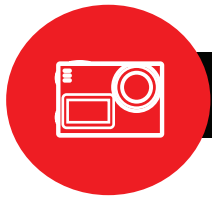
**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).

**ISO>** Allows you to set between (Auto, 100-3200). Sets the image sensor's sensitivity to light. Choose "Auto" on your camera if you are not familiar with this setting. Depending on the lighting conditions, use the lowest ISO whenever possible as higher settings will introduce more noise while pixel sensitivity also goes up. Adjust depending on your preference.




**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.





# VIDEO+PHOTO OPTIONS

	PhotoLapseTime
	Resolution
	Loop Recording
	Audio
	Time Stamp
	LOGO Watermark
	Sharpness
	White Balance
	Color
	EV

**PHOTO LAPSE TIME>** Allows you to set between (from 5 seconds to 1 minute). Sets the interval between shots.

**RESOLUTION>** Allows you to set between (1296P30fps, 1080P30fps, 720P30fps, WVGA30fps, VGA640x480). Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller file size but will have less details in your video. Conversely, a higher resolution will contain more detail.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 Minutes). Auto-saves your video in small sections, depending on selected length. It will record over your oldest video once there is no more space left to your memory card.

**AUDIO>** Allows you to set between (On, Off). Enable or disable recording of sound together with your video.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.

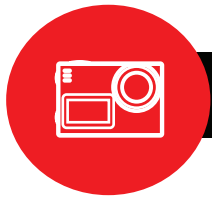
**LOGO WATERMARK>** Allows you to set between (On, Off). Adds the SJCAM logo at the bottom of your recording.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.



# MOTION DETECTION

	Resolution
	Loop Recording
	Video Lapse
	Audio
	Time Stamp
	LOGO Watermark
	Sharpness
	EV
	White Balance
	Color

**RESOLUTION>** Allows you to set between ( 1296P 30fps, 1080P 30fps, 720P 30fps, WVGA 30fps, VGA640x480).

Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller filesize but will have less details in your video. Conversely, a higher resolution will contain more detail.

Note: FPS (Frames Per Second) is part of the options in video resolution:

The higher the FPS, the more images will be displayed per second and the smoother the movement in the video is at the expense of filesize.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 minutes). Auto-saves your video in small sections depending on selected length. It will record over your oldest video once there is no more space left on your memory card.

**VIDEO LAPSE>** Allows you to set between (1 second to 1 minute). Sets the time interval between shots

**AUDIO>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.

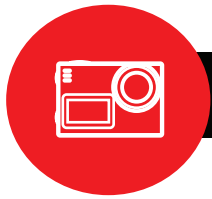
**LOGO WATERMARK>** Allows you to set between (On, Off). Adds the SJCAM logo at the bottom of your recording.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.




**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).



# CAR MODE OPTIONS

	Resolution
	Loop Recording
	Video Lapse
	Audio
	Time Stamp
	LOGO Watermark
	Sharpness
	EV
	White Balance
	Color

**RESOLUTION>** Allows you to set between (1296P30fps, 1080P30fps, 720P30fps, WVGA30fps, VGA640x480). Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller file size but will have less details in your video. Conversely, a higher resolution will contain more detail.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 Minutes). Auto-saves your video in small sections, depending on selected length. It will record over your oldest video once there is no more space left to your memory card.

**VIDEO LAPSE>** Allows you to set between (1 second to 1 minute). Sets the time interval between shots

**AUDIO>** Allows you to set between (On, Off). Enable or disable recording of sound together with your video.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.

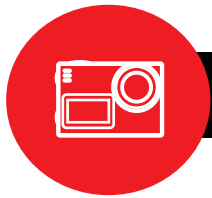
**LOGO WATERMARK>** Allows you to set between (On, Off). Adds the SJCAM logo at the bottom of your recording.

**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.




**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in. You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).



# UNDERWATER MODE OPTIONS

	Resolution
	Loop Recording
	Video Lapse
	Audio
	Time Stamp
	Logo Watermark
	Sharpness
	EV
	White Balance
	Color

**RESOLUTION>** Allows you to set between ( 1296P 30fps, 1080P 30fps, 720P 30fps, WVGA 30fps, VGA640x480).

Changing to a higher resolution will have more detail in your video at the expense of file size. A lower resolution has a smaller filesize but will have less details in your video. Conversely, a higher resolution will contain more detail.

Note: FPS (Frames Per Second) is part of the options in video resolution:

The higher the FPS, the more images will be displayed per second and the smoother the movement in the video is at the expense of filesize.

**LOOP RECORDING>** Allows you to set between (Off, 3-10 minutes).

Auto-saves your video in small sections depending on selected length. It will record over your oldest video once there is no more space left on your memory card.

**VIDEO LAPSE>** Allows you to set between (1 second-1 minute)

Sets the time interval between shots.

**AUDIO>** Allows you to set between (On, Off). Anable or disable recording of sound together with your video.

**TIME STAMP>** Allows you to set between (On, Off). When enabled, will display the date and time of your recording.

**LOGO WATERMARK>** Allows you to set between (On, Off). Adds the SJCAM logo at the bottom of your recording.

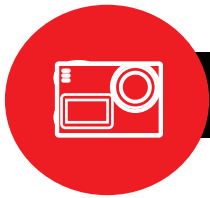
**SHARPNESS>** Allows you to set between (Strong, Normal, Soft). Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

**EV>** Allows you to set between (from +2.0 to -2.0). Exposure Value - Changing EV compensates for the amount of light that is allowed in.

You can change this value to a lower setting if the scene is too bright, to compensate (or higher). If it is too dark, but still depends on your desired effect. A higher EV will take longer for a photo to be taken and will add blur to videos as each frame takes longer to expose.

**WHITE BALANCE>** Allows you to set between (Auto, Daylight, Cloudy, Tungsten, Fluorescent). Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

**COLOR>** Allows you to set between (Normal, B&W, Retro, Warm, Cool).



# GENERAL SETTINGS

	Language
	Date/Time
	Format
	Gimbal Control
	FPV
	TV Mode
	Fast Record
	Auto Power Off
	Keypad Tone
	Screensavers
	Frequency
	WIFI
	Power On Mode
	Default Setting
	Version

**LANGUAGE >** Options for system language. This is the possibility to set between (English, Francais, Deutsch, Espanol, Italiano, Portugues, Chinese, Japanese, Polish, Czech, Polish, Dutch, Turkish, Slovak, Magyar and Dansk).

**DATE/TIME >** Make adjustments to the camera's system date and time.

**FORMAT >** Allows you to set between (Cancel, OK)

**GIMBAL CONTROL >** Allows you to set between (On, Off). Pairing with Gimbal accessory.

**FPV >** Allows you to set between (On, Off). Enables live real-time analog video to be fed through the USB out (Requires AV-out cable).

**TV MODE >** Options are NTSC or PAL. The color encoding and Framerate for video recording. Users in the US and Asia use NTSC (60Hz), most other countries use PAL (50Hz) and is the camera's default. Please check what you use in your country

**FAST RECORD >** Allows you to set between (On, Off).  
Recording starts immediately when the device is powered on.

**AUTO POWER OFF >** Allows you to set between (Off, 3-10 Minutes). Turning off camera.

**KEYPAD TONE >** Allows you to set between (On, Off). Beep sound when navigating and selecting items on camera. Best for outdoor use.

**SCREENSAVERS >** Allows you to set between (Off, 30 Seconds-5 Minutes). Options for how long the LCD display stays on.

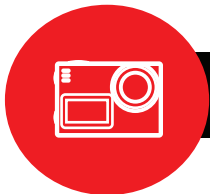
**FREQUENCY >** Allows you to set between (50-60Hz). May be used to counter flicker-effects of fluorescent lamps or jello-effect of fast moving objects.

**WIFI >** Allows you to set between (WIFISSID, WIFI Password)

**POWER ON MODE >** Allows you to set between (Last Mode, Video, Videolapse, PhotoLapse, BurstMode, Dashcam, Underwater etc.).  
When set the camera will automatically start in the selected mode and ready for shutter or recording start command.

**DEFAULT SETTING >** Allows you to set between (Cancel, Ok). Restores the camera unit to its current firmware defaults.

**VERSION >** Informations about Model, Version, Date and Firm.



# FILE MANAGEMENT

You can transfer files from your camera by using any of these 4 methods.

**1. Via USB cable connected from your camera's mini USB slot to a Windows or Mac computer:**

- a) Connect the USB cable, choose "Mass Storage Device" on your camera.
- b) Your device will show as a drive on your File Manager (Explorer on Windows, Finder in OSX)

**2. Via WIFI through the SJCAM Zone App:**

- a) Connect your camera to your phone: Device Settings > Wifi > Choose Your Camera
- b) Go to the app, tap the Gallery icon, then download the files you wish to transfer by tapping the Down arrow icon next to each file.

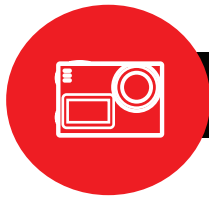
**3. By using a microSD card adaptor:**

- a) Power off your camera and remove the microSD card.
- b) Insert it to a card adaptor and plug it to your computer.
- c) Your card will show as a drive on your File Manager.
- d) When you're done transferring files, right-click the drive > choose "Eject" before removing the card from your computer.

**4. By transferring the microSD card to your smartphone with removable storage:**

- a) Power off your camera and remove the microSD card.
- b) Insert the microSD card to your mobile device;  
your microSD to your mobile device;  
your microSD card will show up as a drive on your mobile device's file manager;
- c) Transfer the files you choose to your mobile device;
- d) When you're done, "eject" the microSD card by choosing "Unmount"

**Optional:** Format the microSD card on your camera to remove files added by your mobile device.



SJ8 AIR

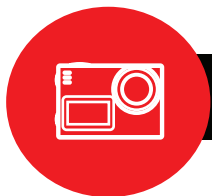
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[www.sjcam.com](http://www.sjcam.com)

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# SMALL BOX - INCLUDED ACCESSORIES





SJ8 AIR

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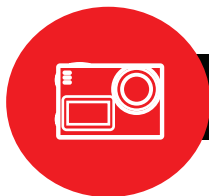
[www.sjcam.com](http://www.sjcam.com)

**SJCAM**  
EMPOWER YOUR DREAMS

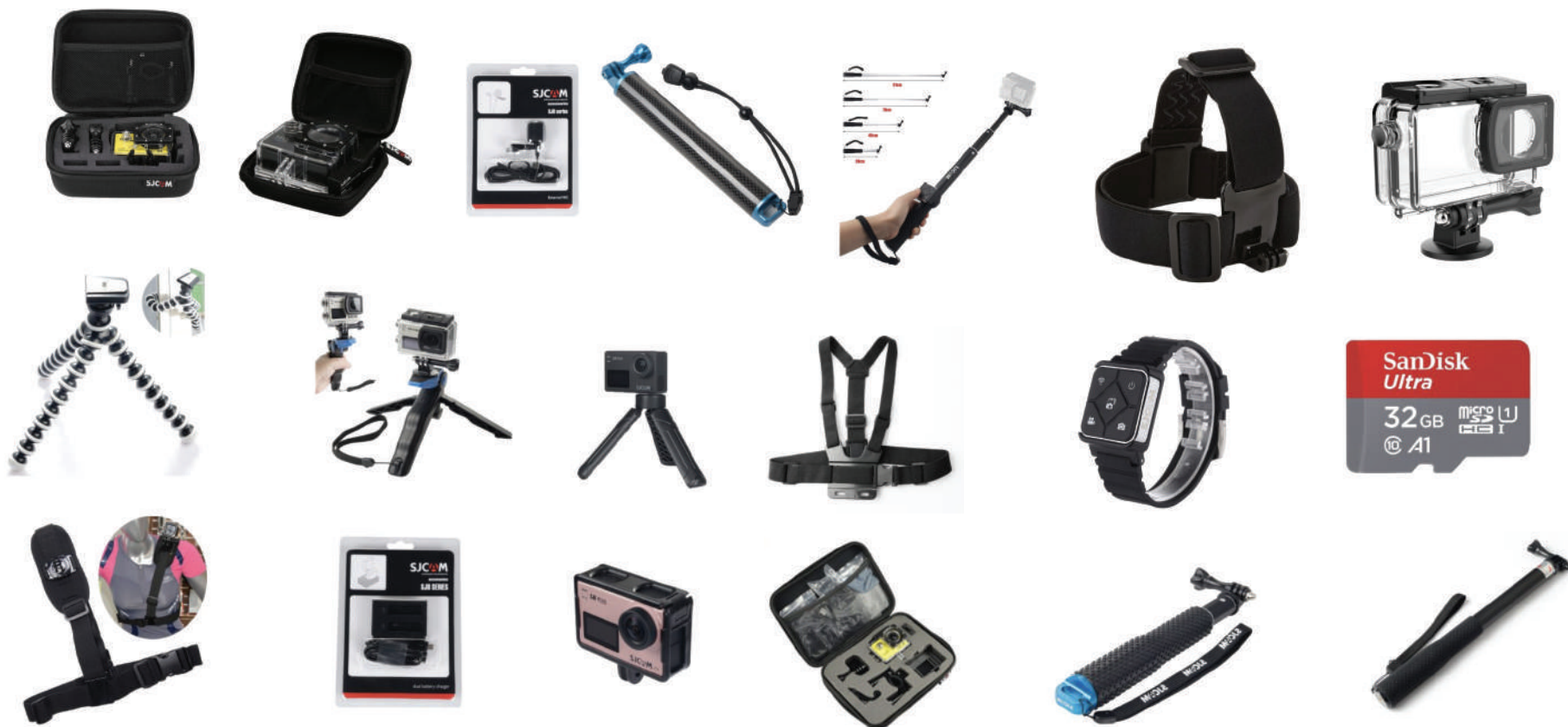
# BIG BOX - INCLUDED ACCESSORIES

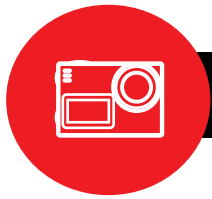






# OPTIONAL ACCESSORIES COMPATIBLE WITH SJ8 AIR (NOT INCLUDED)





SJ8 AIR

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

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