



SJCAM[®]

SJ5000 HD DV
2.0" LCD Screen



User's Manual

Firmware v1.8



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 the SJ5000, please take time 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.

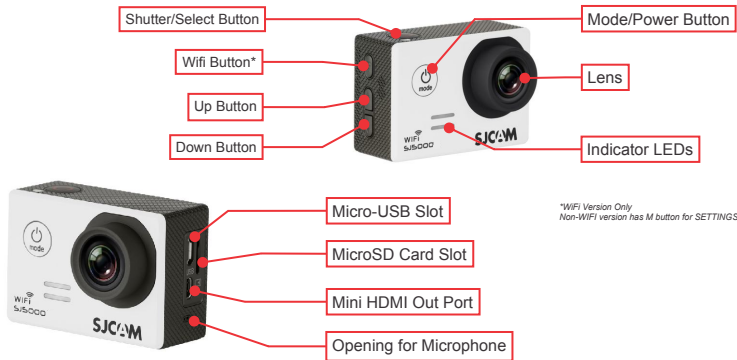
It is important to keep your camera's firmware up to date.

Go to www://sjcamhd.com/firmware/ to download the firmware files and read through the latest performance improvements and feature updates.

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 without putting it in the included waterproof case.
5. Avoid extended periods of battery charging. Keep it away from children and pets to avoid accidents.

PARTS OF YOUR CAMERA



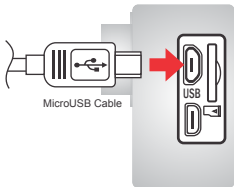
Removing the camera from the Waterproof Case



Remove the camera from the waterproof case by sliding the lock on top (1), then lifting the clasp by following the steps shown above (2 & 3).

When the backdoor is free, pull the camera out of the waterproof case.

Charging your camera using the MicroUSB cable.



Plug the MicroUSB cable to the slot on the side of the camera as indicated above, and the other end to a USB wall charger with an output of 5V 1A, or plug it to a computer.

Charging your battery using an optional external charger.



Optionally, remove your battery by sliding the lock at the bottom of the camera to release the compartment door. Pull the battery out by the flap, then plug it to the External Battery Charger Accessory (sold separately).

Powering ON/OFF your SJ5000X



Press the Power/Mode button to turn your camera on. You will hear a beep, indicator LEDs will light up, and the screen will display the SJCAM logo. Default Mode is Video. To turn off your camera, long-press the Power/Mode button.

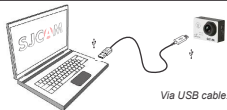
Inserting / Removing Memory Cards



Insert a MicroSD card as shown in the illustration above, with the label facing the LCD screen, until it clicks into place. To remove, just push it in gently and the card will eject.

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

Transferring Data From Your Camera to a Computer.

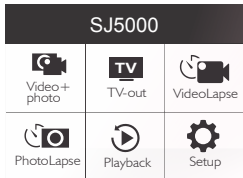


Via USB cable.



Transfer your data by plugging your camera to a computer via USB cable. Select "Mass Storage" then your camera will show as a drive. Or, transfer data via the app. Turn on WiFi and pair it to your smartphone (Android or iOS), then tap "Connect Your Camera" on the app.

ICONS MENU



TIP: Status lights are easy to read. The front blue status-indicator will blink when recording video, steady when on standby.



Amber light will blink once when the Wifi is connected to a device. Amber light will quick-flash twice when it is not connected.



*For WIFI Model Only

VIDEO/PHOTO: Mode to start taking videos or still photos.

TV OUT: Enables viewing the screen contents on a TV via HDMI connection.

VIDEOLAPSE: Consecutive shots with long intervals per frame, output as a video.

PHOTOLAPSE: Consecutive shots with long intervals per frame, output as one imagefile per frame.

PLAYBACK: For reviewing recorded videos and photos.

SETUP: For changing camera settings.

SETUP MENU - Screen 1 of 7

⚙ Setup	1/6
Resolution	>
TV Out	>
OSD Mode	>
Video Lapse	>
Photo Lapse	>
Loop Recording	>

TIP: Use the **Up / Down** buttons to navigate through the menu. Use the **Shutter** button to select an item.

To exit an item in the Setup menu, or to get back to the main Icons, press the **Mode** button once.

RESOLUTION › 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. Available only in Video modes.

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.

TV OUT › Enables video output via HDMI cable to your TV.

OSD MODE › On-Screen Display. When enabled, information and icons will be displayed on the screen indicating what features are activated, current mode, recording, elapsed time, number of photos left, battery status, etc.

VIDEO LAPSE: Choose time interval options for video timelapse mode.

PHOTOLAPSE: Choose time interval options for photo timelapse mode.

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

SETUP MENU - Screen 2 of 7

⚙ Setup	2/6
FOV	>
WDR	>
Motion Detection	>
Audio	>
Time Stamp	>
Image Size	>

TIP: Pressing the Mode button once while recording a video will take a quick snapshot. Try it!

TIP: Save power consumption by using a shorter Screensaver setting. You'll get as much as 20 more minutes of recording time.

FOV › Field Of View / Field Of Vision (also known as "Focal Length") – The higher the setting, the wider the angle of the recorded scene becomes.

WDR › Automatically adjusts the range of brightness-to-darkness that the camera will record. When turned on, it will help balance your pictures by adjusting the contrasts. Many scenes do not require WDR to be activated, use according to your preference. Available only in Photo modes.

MOTION DETECTION › When on, camera will start recording once any movement is detected in front of the camera.

AUDIO › Enable or disable recording of sound together with your video.

TIME STAMP › When enabled, will display the date and time of your recording.

IMAGE SIZE › 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. Available only in Photo modes.

SETUP MENU - Screen 3 of 7

⚙ Setup	3/6
Quality	>
Sharpness	>
White Balance	>
Color	>
ISO	>
EV	>

TIP: Pressing the Up button while recording or framing a scene will initiate the zoom function. Use the Up/Down buttons to adjust zoom level.

NOTE: There are 8 zoom levels. To use the zoom function, FOV must be turned OFF.

QUALITY › Refers to how much compression the output image will be. The higher the setting the bigger the file is, but will contain more detail.

SHARPNESS › Changing the sharpness setting will make your images either crisper or smoother, adjust according to your preference.

WHITE BALANCE › Adjusts the color temperature of the snapshot/recording to compensate for ambient lighting.

COLOR › You are given 5 preset choices: Normal, B&W (Black and White), Retro (aka: "Sepia tone"), Warm (slight reddish hue), and Cool (slight bluish hue).

ISO › 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 is low.

EV › 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.

SETUP MENU - Screen 4 of 7

⚙ Setup	4/6
Stabilization	>
Language	>
Date/Time	>
Auto Power Off	>
Keypad Tone	>
TV Mode	>

TIP: Long exposure for dark nighttime shots gain more detail when the Exposure Value is raised.
Just don't forget to reset your EV after the shot or your next pictures will be too bright and over-exposed.

STABILIZATION › Enables active video-stabilization to eliminate camera shake.

LANGUAGE › Choose the language for all the menus and options.

DATE / TIME: Sets the system date on the camera

AUTO POWER OFF: Sets the time for the camera to automatically power off.

KEYPAD TONE : Enables audible sounds and beeps as indicators of operation.

TV MODE › Options are NTSC or PAL. The color encoding and Framerate for video recording. Users in the US use NTSC, default is PAL.

SETUP MENU - Screen 5 of 6

⚙ Setup	5/6
Lightset	>
Screensavers	>
Frequency	>
Dashcam	>
WIFI SSID	>
WIFI Password	>

TIP: When using your camera as a dashcam, use a car charger cable and remove the internal battery to make sure it does not die out while you travel.

CAUTION: Operating your camera while driving a vehicle is potentially dangerous. It is strongly advised to set up your camera before your trip.

LIGHTSET › To change the number of LED status-indicator lights that are active. 3 is to activate Front, Top, Back indicators, 2 is for Top and Back, 1 is for Back only. Off turns off all status-indicator lights.

SCREENSAVERS › Options for the duration to save Screen-On time.

FREQUENCY › For adjusting the framerate frequency to counter the flicker-effect caused by TV systems with different refresh rates (PAL/NTSC).

DASHCAM › Enables automatic power on and recording when engine is started.

WIFI SSID › For changing the WiFi name of your camera. Default is 12345678, you can change this to anything anytime you wish.

WIFI PASSWORD › For changing your camera's WiFi password. (Wifi version only)

SETUP MENU - Screen 6 of 6

⚙ Setup	6/6
WIFI Password	>
Delete	>
Format	>
Default Setting	>
Version	>

TIP: Sometimes new features are rolled out in firmware updates, adding more value to your camera!

LICENSE NO SET: For changing the superimposed letters on the video, reserved for setting the license plate numbers and letters.

DELETE › Erases currently selected item, or all photos and videos.

FORMAT › Completely erases everything on the memory card then sets it up as a new drive (in FAT32 filing system).

DEFAULT SETTING › Restores the camera unit to its factory setting including WiFi Password. Does not erase any data on the memory card.

VERSION › Firmware update version. Please check www.support.sjcamhd.com regularly for newer versions for your camera model.

Included Accessories



More accessories available on the sjcamhd.com website, sold separately.



Get the app.

*For WIFI Version Only



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