



Manual  
SJ5000<sup>+</sup>

**SPORTS**  
HD DV 30M  
water resistant

Thank you for purchasing brand new SJ5000 Camera. Please read this manual notes carefully before using the camera, and hope you will be familiar with the camera, and have more exciting moment in your life.

## Warning

- 1 It is a high-precision product, do not fall or crash.
- 2 Do not expose the unit to strong magnetic objects, such as magnet and electrical motor. Avoid strong radio waves. Strong magnetic fields may cause the products breakdown or images and sounds damage.
- 3 Never leave the products exposed to high temperatures and direct sunlight.
- 4 Please choose branded Micro SD card. Neutral cards are not guaranteed to work normally.
- 5 Do not place Micro SD card near strong magnetic objects to avoid data loss.
- 6 In case of overheating, smoke, or unpleasant smell in the process of charging, unplug your device immediately to prevent fire hazard.
- 7 While it is charging, keep the product out of children's reach. Power line may cause children accidental suffocation or electric shock.
- 8 Keep the device in cool, dry and dust-proof places.

Multipurpose



FPV



Car recorder



Outdoor sports



Marine Sports



Diving

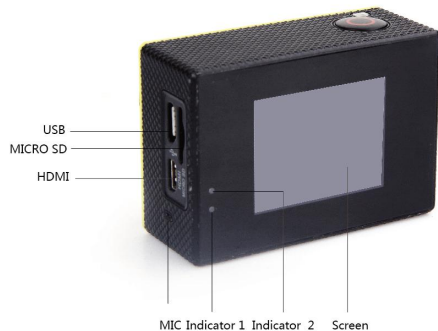


Home burglar

## Product Features

- >A water-resistant casing that allows you to film fascinating water sports; water-resistant up to 30 meters under water
- > USA Ambrella A7LS75 top solution, video record 1080P/60FPS. 720P /120FPS
- >16 MP (Panasonic MN34120PA)
- >170°Ultra orthoscopic camera
- >1.5 inch TFT screen
- >Detachable battery
- > WIFI
- >Vehicle-mounted recording
- >14MP (Panasonic MN34110PA)
- >HDMI HD output
- > Aerial shot AV video output
- > Support storage cards up to 32GB maximum
- > Multiple video recording formats: 1080P 720P WVGA
- > Recorded in MP4 format
- >Multiple photo shooting modes
- > Mini appearance, diversified colors available

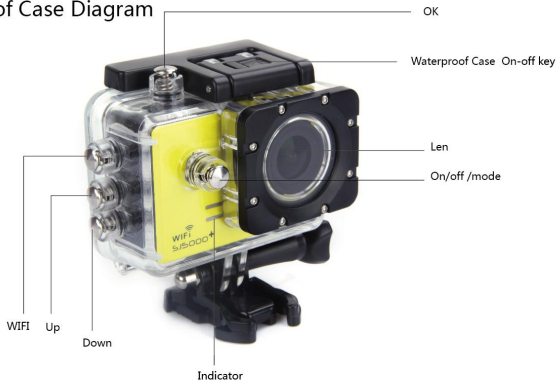
# Product Diagram





Battery door Battery door key

### Waterproof Case Diagram



WIFI Up Down Indicator  
Len On/off /mode  
Waterproof Case On-off key OK

## Accessory Diagram



Waterproof case



bicycle stand



base 1



base 2



clip



Fixed base



switch support 1



switch support 2



switch support 3



adapter



Helmet base bandage



Data wire



3M adhesive



manual



wiper

## Operating Instructions

### 1. Inserting Micro SD Card

Note: Please choose branded Micro SD card and format it on computer before use. Neutral cards are not guaranteed to work normally.

### 2. Installing and removing batteries

- A Press on battery cap to open it.
- B Correctly install battery into camera as indicated by +/- symbols and direction of arrows marked on battery until it's in place.
- C Battery Gauge: Please refer to diagram.
- D Remove Battery: Open cap to take battery out.

### 3. Charging

- A Charging can be done by either connecting to computer or power adaptor.
- B Charge on vehicle by connecting it to car charger.
- C SJ5000+ can record video while charging (Switch into Vehicle-mounted Mode in "Menu")
- D Charging can be done even when it's powered off.

#### 4. Vehicle mounted video record

- A. Firstly set up menu, and search vehicle- mounted mode in the menu, then power on(it will automatically and circularly record video)
- B. Plug in vehicle-mounted charger, and power on the vehicle, and the machine will automatically start. switch off, the machine will automatically power off.




### 5. Switching camera on and off

- A Press and hold power switch for 3 to 5 seconds to turn it on / off.

B Switch it on and off by turning display screen on and off.




## 6. Mode Switching

Switch between video recording / photo shooting / playback / menu by pressing “Power On-Off” button.


 recording mode, while  photo shooting mode. Symbols are displayed on top of screen.  Refers to the function of video playback.

## 7. How to record videos and configure recording setting

### 1 Video Recording

Switch to recording mode and there'll be an  icon in the upper left corner of the screen. Press OK to start recording and the  icon in the upper left corner will start to flash. Press “OK” again if you want to stop and the  icon will disappear.

### 2 Photo shooting & Settings

Switch the camera on and press “Mode” to select “Photo shooting Mode”, there'll be an  icon in the upper left corner of display screen and the camera is in photo shooting mode. Press “OK” to take photos.  
Shooting Pattern: Single shot / Self-timer (3s/5s/10s) / Continuous Shooting, and the last one is system settings.

## 8. WI-FI connection

1. This product can connect a mobile phone with android or IOS system or a panel computer via WIFI, the operation steps are as following:



- A. Install LINKINEYES software on a mobile phone or a panel computer(you can search and download on Google Play for android system, or search and download on APP Store for IOS system.
  - B. After power on, press WIFI key on the camera for 3-5 seconds, the camera will restart, after 5 seconds blue WIFI icon will show on the screen, then enable WIFI, the WIFI account is SJ5000+.
  - C. Disable WIFI: for for 3-5 seconds, the camera will restart, it will be disable.
  - D. Enable WIFI on a mobile phone or a panel computer, search WIFI account for the camera on IOS system, account: SJ5000+, and connect, the initial Password "12345678". WIFI account and password will display on screen, open APP of mobile on Adroid system, the account: SJ5000+, then connect, and the initial Password "12345678" will display on screen.
  - E. When WIFI connected, WIFI Connection Ready displays on the screen.
  - F. After LINKINEYES software operates on a mobile phone or a panel computer, images recorded by the camera will be real-time displayed on a mobile phone or a panel computer. You can operate via related icons related to the software or set function parameters of the camera
2. WI-FI password change

A. Power on and enter WIFI setting menu, the password can be set as per your requirement.

Note: APP will update from time to time, and function and parameters is subjected to the updated.

## 9. File Storage & Playing

After you are done recording, use a USB cable to export the videos onto a computer to play. Or you can take the Micro SD card out and access the image data with a card reader.

Note: Specifications could be subject to modification due to upgrading or updating. Please regard the actual product as the standard form.

<b>Image Sensor</b>	Type	1/2.33" CMOS 16.37 MP (Panasonic MN34120PA)
	Effective Pixels	Approx. 16.37 Mega Pixels (4660 * 3512)
	Output Pixels	Approx. 16 Mega Pixels
<b>Lens</b>	Focal Length	Lens f= 2.99mm
	F No.	F= 2.8

	F.O.V(D)	153.6° (ψ7.74)
<b>LCD Display</b>		1.5" 960*240 dots matrix TFT LCD
<b>Viewfinder</b>	Optical Viewfinder	No
<b>Focusing</b>	Type	Fixed
<b>Exposure</b>	Control	Programmed AE
	Compensation	±2EV (0.33 EV steps)
	ISO Equivalent	Auto, 100, 200, 400, 800, 1600
<b>LED</b>	Modes	No
<b>White Balance</b>		Auto / Cloudy / Daylight / Incandescent
<b>Shooting</b>	Still Image	Modes: Single Image up to 16M
	FHD 1080P	Full HD: 1920*1080P 60/30 fps 720P: 1280*720P 120/60/30 fps 480P: 848*480P 240/120/60/30 fps
<b>Audio</b>		Mic and Speaker (Mono) Equipped
<b>Storage</b>	Media	Internal memory: no internal memory External memory: supporting SDHC Card up to 32GB
	File Format	Photo : JPEG Audio : PCM 48KHZ 16bit Video : H.264 High Profile Level 4.2 MP4
	Image Size 5Mp	16M ( 4608x3456 ) 14M ( 4254x3264 ) 12M ( 4000x3000 ) 8M ( 3264x2448 ) 5M ( 2560x1920 ) 3M ( 2048x1536 ) 2M Wide ( 1920x1080 )

	1.2M (1280x960) VGA (640x480)
<b>Video Output</b>	HDMI: Support 1920X1080P60 output With CEC Composite: NTSC/PAL
<b>Time Lapse Function</b>	Video: OFF / 1 Seconds / 2 Seconds / 5 Seconds / 10 Seconds / 30 Seconds / 60 Seconds
<b>Photo Functions</b>	Self Timer : OFF / 3 Seconds / 5 Seconds / 10 Seconds / 30 Seconds / 60 Seconds Continuous Shooting(Burst Rate) : OFF / 3 P/s / 5 P/s / 10 P/s / 10P/2s Auto Shooting : OFF / 3 Seconds / 5 Seconds / 10 Seconds / 30 Seconds / 60 Seconds
<b>Language</b>	English / Francais / Deutsch / Espania / Italiano
<b>Interface</b>	USB 2.0 : Recharging/File Transfer
<b>Power Source</b>	Li-ion rechargeable Battery 900mAH
<b>Accessories</b>	Car power adaptor, Mount, USB Cable, HDMI Cable, AV Cable
<b>Dimensions (W*H*D)</b>	L: 60mm, W: 41mm, H:24.7mm(with lens part will be 30mm)
<b>Weight</b>	74g
<b>Support</b>	Mass Storage Driver Windows XP(Service pack 2) or later Mac OS X 10.4.11 or later

### System Requirements

<b>For Windows</b>	<ul style="list-style-type: none"> <li>*PC with processor better than Pentium 4 3.2GHz</li> <li>*Windows XP(Service pack 2) or later</li> <li>*Minimum 1 GB System RAM</li> <li>*Minimum 256 MB RAM Video Card</li> <li>*USB port, CD-ROM drive</li> <li>*1024*768 pixels, 32-bit color display compatible monitor</li> </ul>
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## Optional accessory



Car bracket



HDMI line



waist bandage



car charger



TV line



AV line



Charger



Battery