



Action Camera

Waterproof up to
40m Full HD video
4K 14MP camera

WiFi

Warning

1. It is a high-precision product, please do not fall or crash.
2. Please do not expose the unit to strong magnetic objects, such as magnets and electrical motors.
3. Never leave the products to high temperatures and direct sunlight.
4. Please choose branded MicroSD card. Neutral cards are not guaranteed to work normally.
5. Please do not place MicroSD card near strong magnetic objects to avoid data loss.
6. While it is charging, keep the product out of children's reach.
7. Keep the devices in cool, dry, and insulated places.

Preface

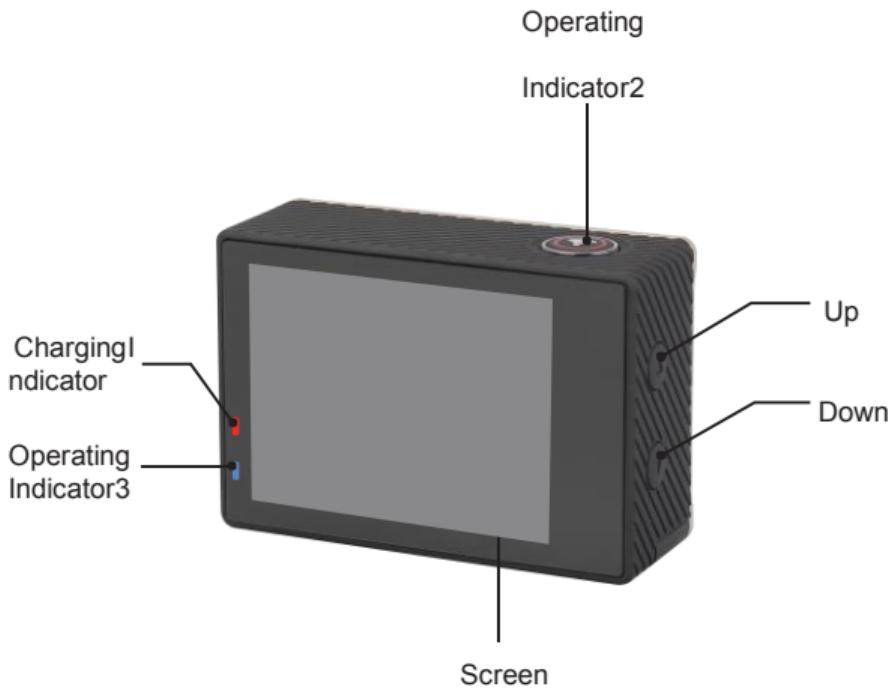
This product is a high-definition digital motion video recording device tailored to market demand. It has a variety of industry-leading features, including digital video recording, photo shooting, audio recording, and perfect for vehicle data recording, outdoor sports, home security, deep-water probing, aerial photo, etc, allowing you to film at any time anywhere. And it has a variety of patents.

Product Features

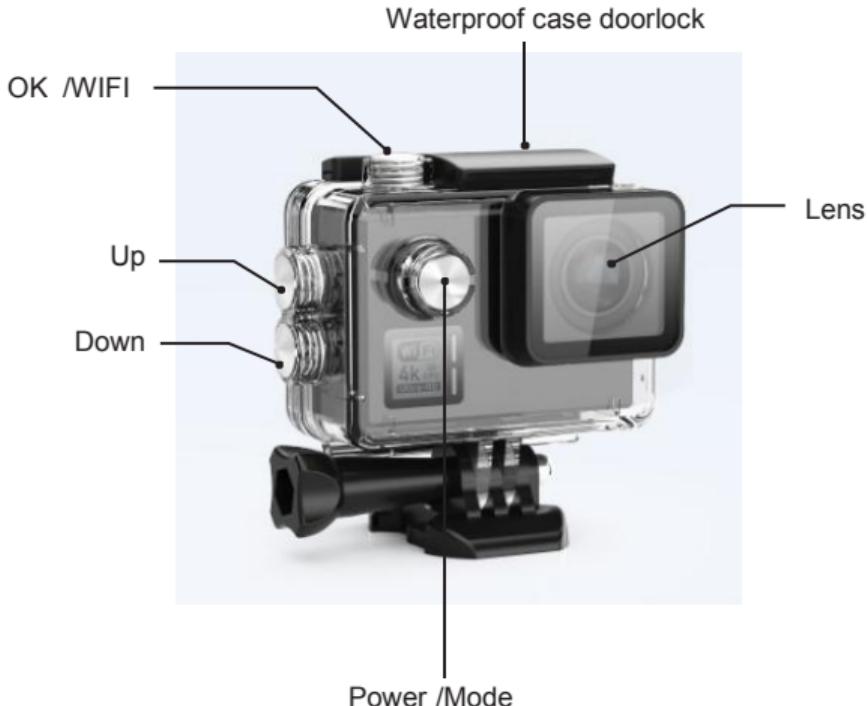
1. Full high definition screen that displays fascinating video recorded
2. Sunplus SPCAV50M solution
3. 14-megapixel photo shooting with 166 degree wide angle lens
4. Wireless wifi transmission
5. Car DVR recorder function
6. HDMI HD output, Support FPV mode
7. Support storage cards up to 64GB maximum
8. Multiple video recording formats: 4K / 2.7K / 1080P / 720P
9. Support MOV video recording format
10. Support Remote control function

Product Schematic





Waterproof coverSchematic



Accessories

Operation

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 battery

A. The battery door has been locked when the lock catch is in the "LOCK", push the lock catch to "►", then to "▼", the battery door will be open again.

B. Correctly install battery into camera as indicated by +/- symbols and direction of arrows marked on battery until it's in place.

C. About battery power: please refer to the symbol: Full power mode  low power mode  .

D. Remove battery: Open the battery cap and take battery out.

Note: Please push the lock catch to the position of "LOCK" before use the device in case that battery loses or falls in the process of using.

3. Battery Charging

A. Camera can charge by either connecting it to computer or power adapter.

B. Charging camera on vehicle by connecting it to car charger.

C. Camera can record video while charging (switch into Vehicle-mounted Mode in "menu").

D. Charging can be done even when it's powered off.

4. Power mode

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

5. Mode Switching

Switching between video recording/photo shooting/playback/menu by pressing "Power On-Off" button.

6. WIFI Control

Before use WIFI Control function, please install iSmart DV software to your mobile phone or tablet PC.

After switching camera on, press the WIFI button for 2 seconds and turn on/off WIFI function. (WIFI icon will be display or disappear at the top right of the screen.) When turning on WIFI function, camera will reset. WiFi icon become green after resetting and waiting for 5 seconds. (It expresses that WIFI can be connected normally now.) 2. Open the WIFI connection of mobile phone to search for the camera device: AC530 from the available wireless networks. (Password is 1234567890.)

3. Open the installation of iSmart DV software

7. Start the camera, shift to setting menu, find "Remote control Pair", then press "OK" button, the camera will display "Remote control Pair Start", at the same time, press any key on the remote control, it will flash blue light. On the camera screen, it displays "Pair", after around 20 seconds, you could see "remote control Pair Success!", that means connect successfully, then back to normal mode.

8. How to record videos and configure recording setting

8-1. Video Recording

Switch to recording mode and there will be an  icon in the upper left corner of the screen.

Press OK to start recording and the  icon will start to flash. Press "OK" again if you want to stop and

disappear

8-2. Photo Shooting & Setting

Switch the camera on and press "Mode" to select "Photo shooting Mode", there will be an icon in the upper left corner of display screen and the camera is in photo shooting mode. Press "OK" to take photos.

8-3. Burst Mode & Setting

Switch the camera on and press "Mode" to select "Photo shooting Mode", there will be an icon in the upper left corner of display screen and the camera is in photo shooting mode. Press "OK" to take photos.

8-4. File Storage & Playing

Switch the camera to the "Playback Mode" (" is shown on the top left corner of video preview mode, and " is shown on the top left corner of photo preview mode.), select files by using the UP and DOWN arrows, then replay and stop video or review photos by pressing the shooting button. You can also replay by mobile phones via WIFI.

Note: When camera crashes formal function, you can detach battery and install again, it will go back to normal

Specifications

Image Sensor	Type	1/2.3" CMOS 14MP (Panasonic MN34112)
	Effective Pixels	Approx. 14Mega Pixels (4320 * 3240)
	Output Pixels	Approx. 14.24 Mega Pixels
Lens	Focal Length	Lens f= 3.06mm
	F No.	F= 2.8
	F.O.V(D)	166°(H=120° V=89°)
LCD Display		2" 960*240 dots matrix TFT LCD
Viewfinder	Optical Viewfinder	No
Focusing	Type	Fixed
Exposure	Control	Programmed AE
	Compensation	±2EV (0.33 EV steps) -2.0/-1.0/+0.0/+1.0/2.0
	ISO	Auto, 100, 200, 400, 800, 1600

	Equivalent	
LED	Modes	No
White Balance		Auto /Daylight / Shade/Tungsten Light / Fluorescent/Underwater
Video resolution	4K/30P	4K 3840x2160 P30 2.7K 2704x1520 P30 1080P: 1920x1080 P60/P30 720P: 1280x720 P120/P60/P30
Audio		Mic and Speaker (Mono) Equipped
Image Stabilization		On/Off
Remote control		Remote control is about 8 meters from the maximum
Remote control pairing		Select Remote Pair
Media	Media	Internal memory: no internal memory External memory: supporting SDHC Card up to 64GB
	Video encoder	H.265: On/Off

	Image Size 14MP	14M (4320x3240) 10M (4320x2430) 8M (3840x2160) 5M (2592x1944) 2M (1920x1080)
Video Output		HDMI: Support 1920x1080 P60, output With CEC Composite: NTSC/PAL
Time Lapse Function		OFF /3 Seconds / 5 Seconds / 10 Seconds / 30 Seconds / 60 Seconds
Photo Functions		Self Timer : OFF / 3 Seconds / 5 Seconds / 10 Seconds / 30 Seconds / 60 Seconds Burst Rate : OFF / 3 P/s / 7 P/s / 15 P/s /30P/s Time Lapse Photo Interval : OFF / 3 Seconds / 5 Seconds / 10 Seconds / 30 Seconds Time Lapse photo shooting time: 5Min/10Min/15Min/20Min
	Default Mode	Video
	EIS	On / OFF
	Motion Detection	Off / Low / Medium / High
	Loop Record	OFF./ 2 Min. / 3 Min. / 5 Min.

TV Mode :	NTSC / PAL
Light Freq. :	50HZ / 60HZ
Screen_Off :	OFF / 30 Seconds / 1 Min. / 2Min.
WiFi LED:	ON / OFF
Sharpness :	Strong / Noraml / Soft
Scene Mode :	Normal / Flashi/Night/Sports/Landscape/Portrait/Sunset
ISO :	Auto / 100 / 200 / 400 / 800 / 1600
EV : 0.0	EV : -2.0 / -1.0 / +0.0 / +1.0 / +2.0
Time Setup	set-up time
Date Format	Y/M/D,D/M/Y,M/D/Y
WIFI:	ON / OFF
WiFi SSID :	AC530
WiFi Password :	1234567890

	Format	YES/NO
	Default Setting	YES/NO
	Version :	AC530 V1.0
Language		English / Simple Chinese/ Traditional Chinese
Interface		USB 2.0 : Recharging/File Transfer
Power Source		Li-ion rechargeable Battery 1050mAH
Accessories		Car power adaptor, Mount, USB Cable, HDMI Cable, AV Cable
Dimensions (W*H*D)		L: 61mm, W:42mm, H:23 mm(with lens part will be 33mm)
Weight		about 78.5g(With battery)
Support		Mass Storage Driver Windows XP(Service pack 2) or later Mac OS X 10.5.11 or later
System Requirements		
For Windows	*PC with processor better than Pentium 4 3.2GHz *Windows XP(Service pack 2) or later *Minimum 1 GB System RAM *Minimum 256 MB RAM Video Card *USB port, CD-ROM drive *1024*768 pixels, 32-bit color display compatible monitor	

FCC STATEMENT :

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.

Warning: 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.

RF warning statement:

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