

Safety Instructions

Do not disassemble, or drop the camera from high altitude.

Do not expose the camera to high temperatures and avoid contact with water and other liquid substances.

After long time using, the camera body may become warm. This is a normal situation.

Use only accessories provided by the manufacturer.

Use only the battery provided by the manufacturer.

If not using, remove the batteries; do not put batteries in a fire as they may explode.

Use a high-speed card class 4 or more.

Product information

As we are committed to continually improve the customer's operating experience, design and specifications are subject to change without notice.

This operation guide is a general reference guide camera.

This Operating Guide, if there are any illustrations or contents inconsistent with the real camera, take real object as the standard.

Quick start guide

- **Power on/power off**

Long press [Power] key to turn on the camera.

Press and hold the [Power] key for 3 seconds to turn off the camcorder.



- **Camera /photo / Continuous shooting**

In preview status, short press [Power] button to convert between different working mode: photo/ video/continuous shooting.


In preview status, short press [Video/Photo] button to begin the recording / stop recording function. In Photo mode, you can take photos. In Continuous shooting mode, execute 10 continuous shooting mode shooting function. In other status, short press [Video/Photo] to return directly to preview status.

- **Time setting**




In preview status, press [Menu/Back] button to enter the main menu, select [] option, enter the system setup menu. Select [ Time setting] option, in the time setting interface, press [Up]/[Down] button to make settings, press [OK] button to confirm the current settings and automatically move to the next one after, until completion of all the settings and return to the previous menu, press [Menu/Back] key to cancel the current setting and return to the previous menu.

- **Watermark setting**

In the preview mode, press [Menu/Back] button to access the main menu, select [Shooting Settings] option, enter the shooting settings interface. Select [ Stamp setting] options, press [Up]/[Down] button to select the watermark switch, press [OK] to confirm. Watermark will be superimposed on photographs and videos.

- **Night mode**

In night or low light environment, this mode is suggested for better photo and video performance. In preview mode, press [Menu/Back] button to enter main menu, select [ Night mode] to enter the next menu. Press [Up]/[Down] button to select corresponding options and press [OK] button to confirm the setting.

- **LCD screen on & off**

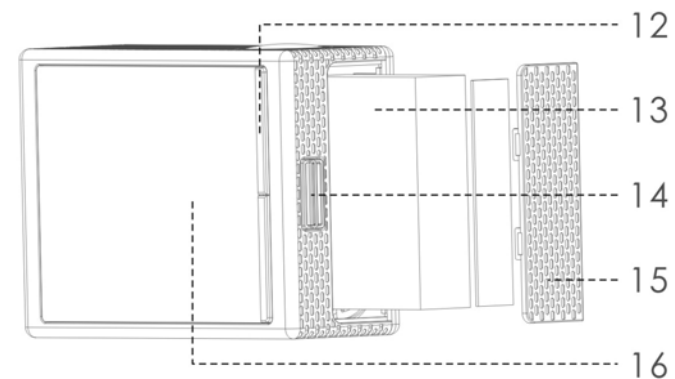
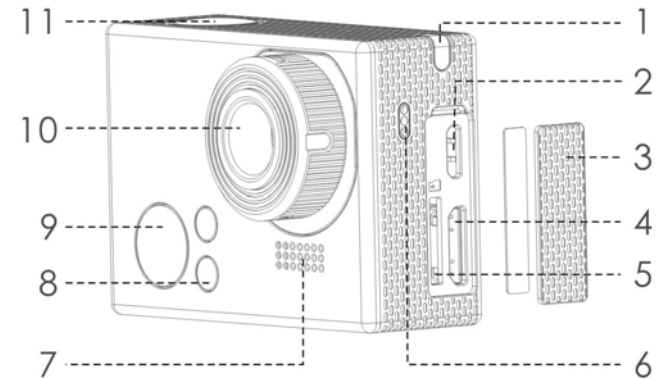
Without operations in 3seconds (vehicle mode excepted), LCD screen will shut off automatically. You can press any key to activate it.

When LCD screen is on, you can long press [OK] button to shut off it.


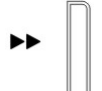
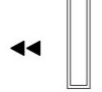

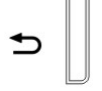

When LCD screen is off, you can long press [OK] button to turn on it and keep it on constantly.

1 Device Construction

- 1) Video recording LED
- 2) USB port
- 3) Connector cover
- 4) HDMI port
- 5) Support micro SD card up to 32GB
- 6) MIC
- 7) Speaker
- 8) Video recording(up) / charging(down) LED
- 9) Power buttons / mode conversion
- 10) Ultra wide angle aspherical lens
- 11) Video/photo button
- 12) Menu/OK button
- 13) Rechargeable Li-ion Battery
- 14) Battery cover switch
- 15) Battery cover
- 16) TFT LCD screen

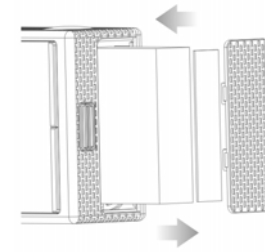


2 Buttons Designing


Video/Photo button		<ul style="list-style-type: none"> • start & stop video recording • take photos/continuous shooting • return to preview mode
Up button		<ul style="list-style-type: none"> • select up & right towards • zoom out • long press for fast forward
Down button		<ul style="list-style-type: none"> • select down & left towards • zoom in • long press for fast backward
OK button		<ul style="list-style-type: none"> • confirm current settings • replay/pause video • long press for LCD backlight mode convention
Menu/return button		<ul style="list-style-type: none"> • enter main menu • return to last menu/mode
Power button		<ul style="list-style-type: none"> • power on/power off • mode convention(photo/video/continuous shooting) • current & adjacent file protection during video recording

3 Install the battery

- 1) Open the battery cover switch, take out the battery cover.
- 2) As shown in the illustration, put battery into the battery compartment, pay attention to the battery mounting direction.
- 3) After installing the batteries, close the battery cover and fasten the battery cover switch.




4 Battery charging

- 1) Turn off the camera, with one end of the supplied USB cable connected with power adapter or computer, the other end connected to the camera, after a successful connection charge indicator turns red, charging starts.
- 2) Turn on the camera, with one end of the supplied USB cable connected the power adapter or a computer and the other end connected to the camera, select Options on the LCD charge [, the camera automatically shut down, the charge indicator turns red, charging starts.
- 3) When charging is completed, the charging light goes out.

Note: If the battery is not loaded when camera is connected with adapter or computer, the charge indicator flashes red.

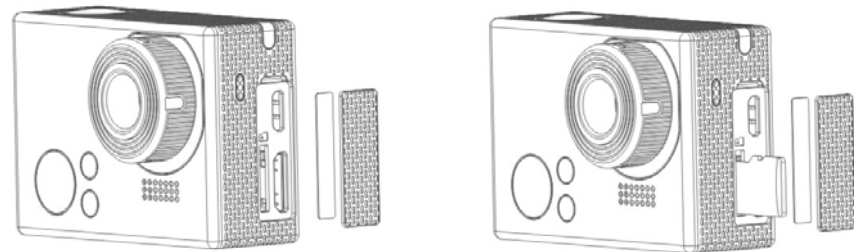
5 AC power supply

The camera is switched on, with one end of the supplied USB cable to connect the power adapter or a computer and the other end connected to the camera, the LCD screen on the selected power supply options [], the camcorder using AC power supply, the battery icon changes to the Power icon.

6 Insert the memory card

- 1) Camera is turned off, open the stopper;
- 2) Insert the memory card as shown;
- 3) Close the stopper.

Note: We recommend using class 4 or higher memory cards.



7 Power on/power off









- 1) Press [Power] key or connect a USB power cable to turn on the camera.
- 2) Press [Power] key for 3 seconds or unplug the USB power cable to turn off the camcorder.
















Note: : You can set auto shut-off time in setting menus.

8 Preview mode

1) preview mode icons illustration



1	present mode	 video mode  photo mode  continuous shooting mode
2	Recording time	2 Hour: available recording time; 436/3999 : photo quantity/memory capacity  00:00:41: recording time
3	Night mode	  Night mode open
4	Motion detection	 motion detection opened & started  motion detection opened but not started

5	GPS status	  GPS connected   GPS not connected
6	File protection	 Present file protected
7	Mute	 MIC mute
8	Battery volume	 Full  Middle  Low  Exhausted  AC power supply
9	Digital zoom changing bar	  
10	No card warning	
11	Video resolution (video mode)	FHD (1920x1080 30fps) HD (1280x720 60fps) WVGA (848x480 120fps)
	Photo resolution (photo mode)	16M (4608x3456) 5M (2592x1944) 3M (2048x1536)

2) Video recording

Boot directly into the video preview status, short press [photo/video] button to start video recording. During video recording, short press [Power] key to protect current or adjacent video files, short press [photo/video] button again to stop recording.

3) Photo shootings

In video preview state short press [Power] key to convert to photo mode, press [photo/video] key to take photos. Again short

press [Power] key to convert to continuous shooting mode, you can make 10 continuous shooting.

Note: except for video recording and continuous shooting under WVGA resolution.

4) Digital Zoom

In preview mode, press [Up]/[Down] keys to zoom in / out the screen. The current state of digital zoom will be remembered and resumed at the next boot.

Note: except for video recording and continuous shooting mode in WVGA resolution.

5) protect video files

In video recording status, short press [Power] key to protect current or adjacent video file. In 10 seconds before / after video file segments, short press the power button, both the previous and after files will be protect. Those set as write-protected files are not automatically overwritten deleted.

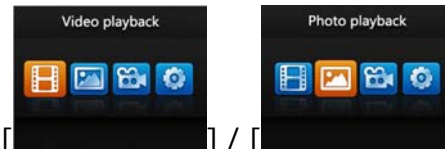
9 Main menu

In preview mode, press [Menu/Back] button to access the main menu. Press [Up]/[Down] keys to select the option to enter, press the [OK] key to enter the option, press the [Menu/Back] key to exit the main menu.

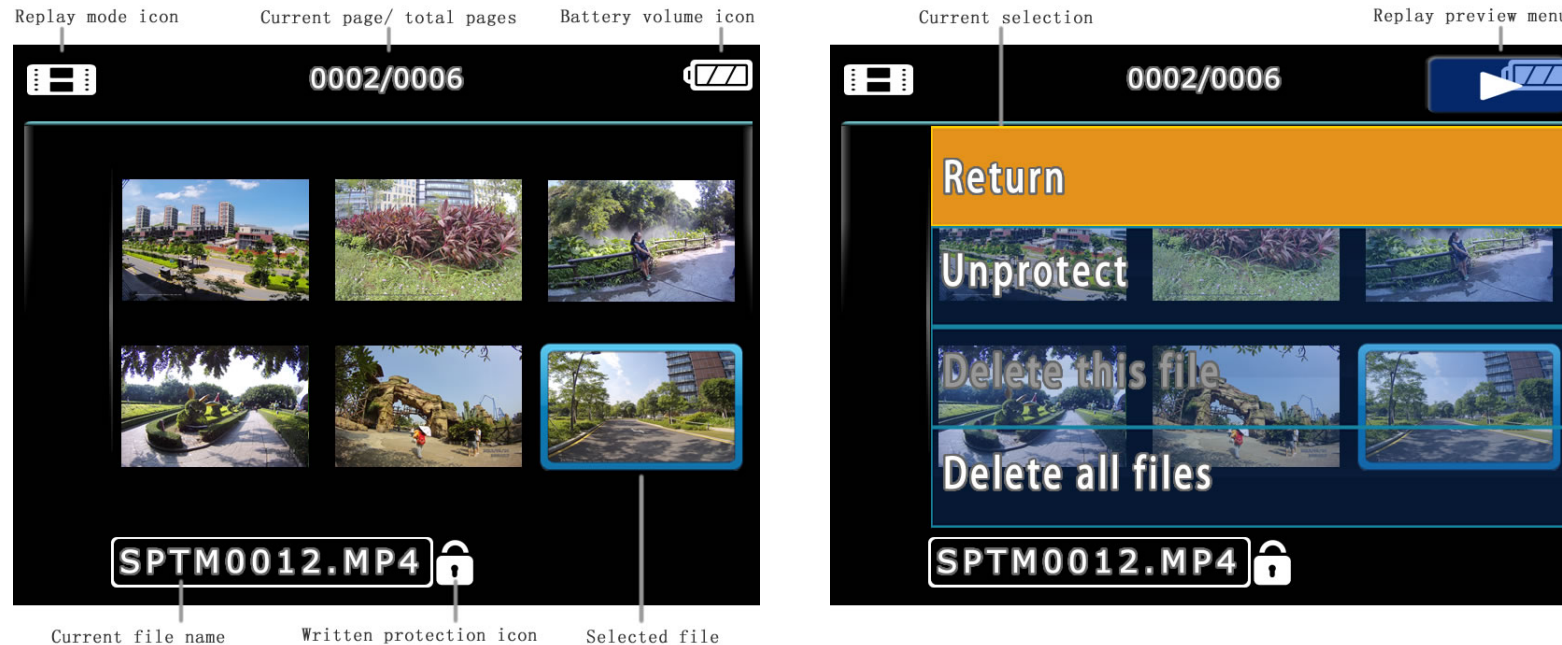


10 Playback

1) playback preview mode



In the main menu, select [] / [] playback options, enter video / photo playback preview mode, as shown below:



In playback preview mode, press [Up]/[Down] button to select the file to be replayed, press [OK] button to open the video / photo, press [Menu/Return] key to pop up the playback menu.

2) Video playback



In video playback mode, short press [UP]/[Down] key to select the previous / next video, press OK button to play / pause the video file. During video playback, long press [Up] key to fast forward play video files, long press [Down] key to rewind play video files. During fast forward and rewind, press [OK] or [Menu/Return] key to return to normal speed. When video is paused, press [Up] key to enlarge the video files, press [Down] key to reduce the video file. Press [OK] key to return to the default size.

When in non-fast forward / rewind playback, press [Menu/Back] button to pop up the playback menu, press [Up]/[Down] keys to select an action to perform, select "Back" option, press [OK] key to return to the playback Preview mode.

3) Photo playback



In Photo Playback mode, short press [UP]/[Down] button to browse previous / next photo, press [Up]/[Down] keys to zoom in / out the photo files, press [OK] key to restore normal size.

Press the [Menu/Back] button to pop up the playback menu, press [Up]/[Down] keys to select an action to perform, select "Back" option, press [OK] key to return to the playback preview mode.

11 Vehicle use (mode) and sport use (mode)

The default setting is vehicle use when connected with the car bracket, otherwise it is sport use (mode) . In two modes, different file names are applied to distinguish video files. Vehicle use (mode) named prefix CARM, sport use (mode) named prefix SPTM. The loop recording function under vehicle use (mode) is disabled for sport mode.

In vehicle use (mode) , GPS is started automatically, and GPS data is recorded in the video , gravity sensor collision detection function is started too to protect video files as read-only once there is collision. Video files are automatically segmented for each 3 minutes, and when the card is full, recording automatically overwrite the old file. Before the initial coverage there is screen text and voice warning to ask whether overwrite or not, in 10 seconds short press video button to turn off the warning and stop recording after the card is full. If no operations, it would be default overwriting old recordings and continue recording. If the card is full when you turn on the camcorder, there will be warning to ask whether overwrite or not. If no operations in 5seconds, overwrite will be done default.

In sports use (mode) , GPS and gravity sensor collision detection is shut off automatically.


12 Video recording mode / Photo mode/ Continuous shooting mode

In preview mode, short press [Power] button for convert between different modes: video mode, photo mode and continuous shooting mode. According to the current mode, [photo/video] button will execute photo or video recording or continuous shooting recording function. During video recording, mode conversion is prohibited.

13 Emergency video protection

When the camcorder is connected to car bracket, it will automatically open the gravity sensor. When the machine is subject to certain acceleration, the camera automatically triggers the emergency recording protection. Camcorder automatically protect the corresponding files. In the recording process, you can press the power button to manually protect current video file or an adjacent

note.

In the System Settings menu, select [ G-sensor Sensitivity] options, press [Up]/[Down] keys to select the sensitivity of gravity sensors and on/off , press [Enter] key to set.

Note: before / after 10 seconds in the video file segments, press the power button, both the current/ previous video files will be protected.

14 Segment overwritten



Connect your camcorder to car bracket, it will automatically start segmented overwritten, video files are automatically segmented for 3 minutes while the card is full, the camera will automatically overwrite the old video file to ensure that there is enough space to continue recording. Before the initial coverage there is screen text and voice warning to ask whether overwrite or not. In 10 seconds short press video button to turn off the warning and stop recording on the card is full , If no operations, default as overwriting old recordings and continue new recording. If the card is full when you turn on the camcorder, there will be warning to ask whether overwrite or not. If no operations in 5seconds, overwrite will be done default.

When the camera is not connected to car bracket, segmentation overwritten feature will automatically turn off. When the file size reaches 1GB, automatic segmentation is operated. While the card is full, recording stops.



15 Motion defection

When motion detection function is started, the camera will automatically detect whether an object is moving ahead. Recording will starts automatically when movement begins, and will stop in 10 seconds when the object quit moving.

In setting menu under video recording, select [ Motion detection], press [Up]/[Down] to select the options, press "OK" button

to confirm the settings. When motion detection is opened, in preview mode, there will be an icon  on the screen that means "motion detection is opened but not started", at this status camera won't make recordings automatically. Short press [photo/video] button, motion detection icon change to "open and enable motion detection icon" , then the camera will automatically record.

16 GPS function

Connect your camcorder to car bracket, GPS function will be started automatically. During recording, GPS data will be saved in TXT file under the same name; during photo shootings GPS coordinates will be saved to the photo's EXIF information. When GPS function is started, the LCD screen will display GPS status icon. When GPS is not connected to the satellite, it indicates "  "; when GPS is connected to satellite, it indicates "  ", now GPS positioning is successful.

17 LCD screen auto shut-off


In sport use, when there is no operation, LCD screen LED will automatically be shut off in 3seconds (except for situations during video& photo replay). Short press any button to recover it. In vehicle use, LCD screen is always on.

When LCD screen is on, long press OK button to shut off the LED; when LCD screen is shut off, long press OK button to turn on it, and keep it on.

18 Auto shut-off function after power supply cut

Automatic shut off function can set if the camera still run after disconnecting with the USB power, or whether to shut off after 10



seconds, 30 seconds, 1 minute.

In the System Settings menu, select [] options, press [Up]/[Down] key to select whether to automatically shutdown and automatic shutdown time, press [Enter] key to set.

19 Cameras connected to a computer

Plug the USB cable into the USB port of the machine, and the other end is connected to the computer. Turn on the camcorder,



select [] option, when it is connected, the LCD screen displays the middle [] icon, the computer displays a removable disk drive, in this mode, you can copy files from the camera to your computer.

20 Connected to TV

Using a dedicated high-definition (HDMI) cable to connect the camcorder and HDTV. The TV source is adjusted to HDMI, turn on the camcorder, the camera image can be displayed on your HDTV.

Note: TV display and LCD display are different, the LCD screen operation.

21 Connected with car bracket (optional)

Use the car bracket to fix the camera on a smooth flat surface such as window glass, car holder. can adjust the camera direction to achieve the best shooting angle

- 1) Open the hand-clasping

- 2) Open the transparent enclosure
- 3) put camcorder into the transparent enclosure
- 4) Close the transparent enclosure
- 5) Fasten the transparent enclosure

NOTE: To ensure that you can properly use the car holder, keep the metal contacts and spring pin surface clean.



22 Remote Control Operation (optional)

Using the remote control to take photos, make recordings.

Remote control panel structure as shown below:

- 1) Video recording key: Press the remote control [video recording] key to make video recordings .
- 2) Stop button: Press the remote control [Stop] button to stop recording.
- 3) Photo button: Press the remote control [Photo] key to take photos.

Appendix I Packing list

Please open the package and check it according to below accessories table.

No.	Item description	Qty
1	Gotop: silver edition camera	1
2	197'/ 60m Waterproof Housing*	1
3	Rechargeable Li-ion Battery	1
4	QR Buckle	1
5	J-Hook Buckle	1
6	3-Way Pivot Arm	1
7	1 Curved Adhesive Mount	1
8	1 Flat Adhesive Mount	1
9	USB Charging Cable	1

You can also choose below optional accessories to extend the camcorder functions.

No.	Accessories name
1	GPS bracket
2	RF remote controller
3	Car charger
4	HDMI cable

