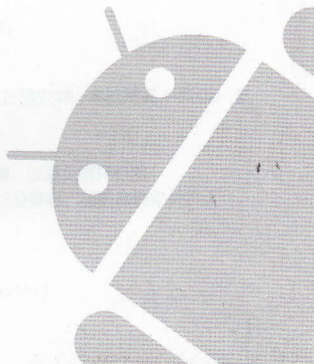
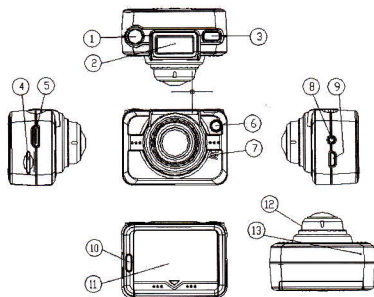




# Sports Cam | 运动DV

Instructions 使用说明书





1. Video/Image Key
2. LED Display
3. ON/OFF/Mode Key
4. TF Card Slot
5. HDMI Port
6. Status Indicator
7. Speaker
8. External MIC
9. USB Port
10. Charging Indicator
11. Battery Cover
12. Lens
13. MIC

#### Notice before use:

1. Make sure the Micro SD card of this device has been installed properly. This device needs the 4-32GB card with speed at and above CLASS 4.
2. Make sure the storage card has sufficient space.
3. Always use the original charger and data cable to avoid damaging the device.
4. If the camera is always in the idle state for 3 minutes, it will automatically switch off.

#### \*Waterproof Housing Features

1. The performance of the waterproof housing is equal to IPX8 (60m/1hr).
2. Limitation of underwater duration: Do not use the waterproof housing underwater above 60min and more than 60m in depth to ensure effective water resistance.
3. When this device is used in cold or wet environment or in water, always place an anti-fog insert together with the camera into the waterproof housing to avoid fogging. The anti-fog insert provides only the protection to some extent and the actual effect depends on the specific environment. The anti-fog insert must not be used for long but replaced regularly.
4. After the waterproof housing is used and the camera is taken out of the waterproof housing, soak the waterproof housing into clear water for about 10min. 10 minutes later, wipe the housing dry with lint-free cloth. Place the waterproof housing in a cool place with good ventilation to let it dry in air naturally.
5. The waterproof grade of the watch is 10m; do not use it more than 10m under water to ensure water resistance.

#### \* Operating Conditions

According to design, this camera is applicable for the temperature scope of -10°C-45°C.

### Battery Installation

1. Push downward to open the battery lid.
2. Align the battery with the battery contact and insert the battery into the battery compartment.
3. Restore the battery lid.
4. For the capacity indication of the battery, refer to the following sketches:



Full                      Average                      Low

5. To take the battery out, push the battery lid open.

### Charging of Battery

Directly connect one end of the USB data cable to PC and the other end to the camera to charge. You may charge the battery even if the camera is off. In charging, the charging indicator will be on; after the battery is fully charged, the indicator will be off.

### Basic Information

#### Power-on/off:

The camera uses the SDHC card with speed at and above CLASS 4. Insert the SDHC card into the Micro SD card slot, press the Power key once, then the LCD screen will display the icon of the card and the buzzers has one sound. Then the camera in default enter the 1080@30fps mode (green LED).

Operation of Basic Functions:

After switch-on:

WIFI	WIFI signal icon
Battery	Battery power capacity
Photo mode	Photo mode
SD card	When the SD card is unidentifiable, this icon will flash continuously.
720 mode	Video mode of 720P@60 frames/s
1080 mode	Video mode of 1,080P@60 frames/s

### Mode Switching

When the camera is switched on, the default mode is 1,080@30 frames/s and the LED indicator is in green. To switch modes, press the Mode key once. Press the Power/Mode key to circulate modes in the following order: 720P60, Photo, G-sensor mode, Back and 1080P30.

#### 1080p@30fps Mode - Green LED

When the camera is switched on, the default mode is 1080@30 frames/s. In the preview mode, press the Shutter button once again, the camera will start to take videos. In the process of videoing, the green LED indicator will flicker; press the Shutter button again to stop, then the green LED indicator will keep in solid green.

#### 720P@60fps Mode - Blue LED

Press the Shutter button once. In the preview mode, the camera will start to take videos. In the process of videoing, the blue LED indicator will flicker; press the Shutter button again to stop, then the blue LED indicator will keep in solid green.

#### Photo Mode - Red LED

In 1080P30 mode, press the MODE key to switch to Photo mode; press the Shutter button to take photos with the red LED in solid green. When the camera is in the standby mode, to take single photo, press the Shutter button, then you will hear the sound from the buzzer and see the red LED indicator flickers once, and thus one photo has been taken.

#### G-sensor mode - Green LED and circular video

In 1080P30fps mode, press the MODE key to switch to G-sensor mode. In such case, G-sensor will not be inactivated until vehicle collision occurs, and the current video segment will not be replaced in circular video mode. Please note that only 1,080P videos can be recorded in G-sensor mode; and also circular video is effective only in G-sensor mode.

#### RF menu mode - Green LED

In 1080P30fps mode, press the MODE key to switch to RF menu mode; the defaulted RF of this device is OFF. Press the shutter button to activate RF function.


### Watch Control

After this camera is switched on, the video and photo keys on the watch may be used to control the camera to record videos/take photos. (3-5m away for remote control) press the video key, then the red light will flicker several times after the green light has one flash, indicating that the camera

has automatically enter the video state; in such case, press the video key once again to stop. Press the photo key, then the red light will flicker several times after the green light has one flash and the camera will automatically take one photo; in such case, the camera will automatically switch to the photo mode. (The watch control will not be effective in remote control unless the camera has RF function activated).

### **WIFI Control**


#### **WIFI Mode - Orange LED**

In default case, WIFI function is off. To activate it, press the shutter button for 5s, then you will hear one buzz, the LCD screen will display one fixed WIFI icon  and the orange LED will flicker. In such case, it indicates the camera has entered the WIFI mode. After WIFI is activated, press and hold the video key for 5s to inactivate it.

After the WIFI mode of the camera is activated, operate according to the following steps to connect a mobile phone and the camera:

1. Install AP software to mobile phone; ispo cam .APK is specific for Android while ispo cam.IPA for iphone;
2. Activate the WIFI function of the mobile phone;
3. Find the equipment name of the camera such as "A5-A000001" from the available WIFI network;
4. The defaulted WIFI password of the camera is "1234567890"; after the password is entered correctly, the mobile phone will have point-to-point connection with the camera; after the connection is successful, the orange LED of the camera will be solid on.



5. Open the installed ispo  software, then you can see the view window of the camera from the screen of the mobile phone and control the camera to record videos and take photos; in addition, you can download from the internal memory cards of the camera videos and photos to the internal memory of the mobile phone, etc..

Note: The connection between the camera and the mobile phone is the 1-to-1 relationship; after the camera is connected with one mobile phone, you will be unable to connect any other mobile phone any more. To connect another mobile phone, you have to disconnect the mobile phone connected previously and make sure the mobile phone support Android2.3, IOS and other versions above.

### **USB Transmission**

When connected with USB cable with PC, this camera may be used as a mobile disc, and then you can access or move the photos and videos in the camera onto the PC. In such case, you can charge the battery at the same time. Press the MODE key to enter PCCAM mode.

### **HDMI Transmission**

In case of connecting with TV via HDMI, press the shutter button of the camera to play and stop the current video and press the MODE key to switch to the next segment.

### **Tip:**

In video photo mode, enter HDMI to browse video files; in photo mode, enter the HDMI to browse photos.

### **Charge**

When the camera is being charged, the battery icon will continuously flicker on the screen. When the battery is fully charged, the screen will display a full still battery icon. This device has the function of recording while being charged, i.e. the camera can work as usual while is being charged.

### **Date/Time Setup**

In PC, use TIMESSET.TXT to set date/time in the format for example 01 00 00 06 01 2012, meaning, Hour/Minute/Second/ Month/Day/Year. Copy TIMESSET.TXT into the Micro SD card. When the camera has the Micro SD with TIMESSET.TXT set properly; after the camera is switched on, the camera will automatically copy the set time into the camera.

## Specifications

Items	Specs
Video resolution	1080p @30 frames/s 720p @60 frames/s
Video format	H.264 MOV
Sound	Yes, Double channel
Photo resolution	5.0 Megapixels
Photo format	JPEG
Internal memory	Micro SDHC Class4+ up to32GB
Sensor	2 Megapixels sensor
Lens	F/2.8
Angle of view	170°
Focus	0.4m-infinite
HDMI	Mini Type D HDMI
Battery power	37V lithium battery

### Description:

The HD motion DV with waterproof shell and flexible bracket allows you to use it in various situations.

### Disclaimer:

Although we have tried our best to ensure the accuracy and integrity of the information in this Manual, we will not be liable for any error or omission herein. We should reserve the right to modify the hardware and software of the device at any time without further notice.