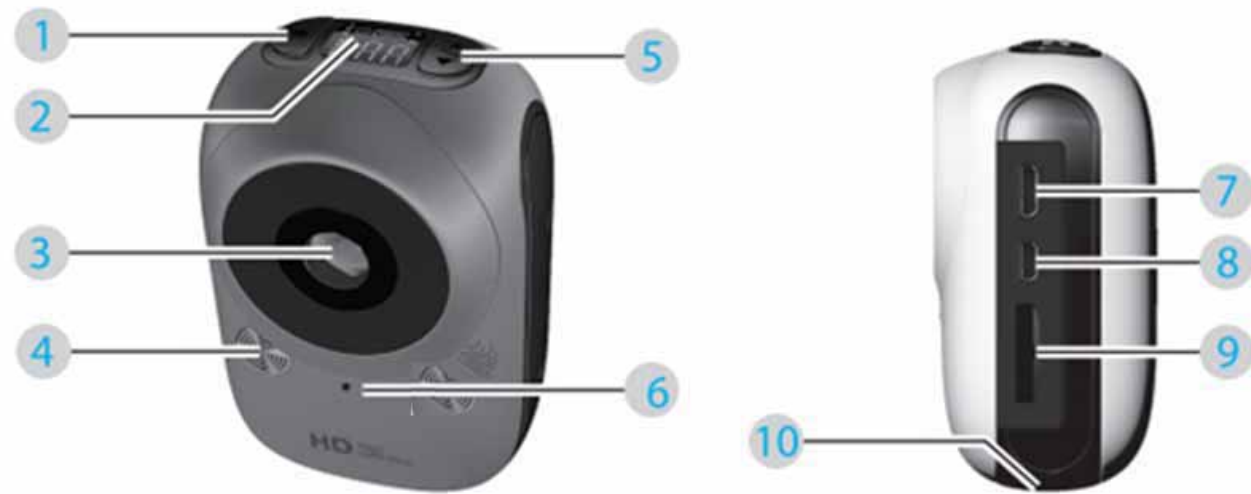


## Designation of all parts



1. Shutter/OK
2. LCD
3. Lens
4. Indicator
5. Power/Mode button
6. MIC
7. USB port
8. HDMI port
9. Micro SD port
10. Bracket nut

This Manual describes how to operate the motion camera. Before use, please read the following instructions carefully:

### 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.

### 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). If the camera is always in the idle state for 3 minutes, it will automatically switch off.

### Mode Setup

Battery	Display the power capacity.
Photo Mode	In photo mode.
SD card	The icon will flicker continuously when the SD card is unidentifiable.
720 mode	In 720p@60 frame/s video mode
1080 mode	In 1080p@30 frame/s video mode

### 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, 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.

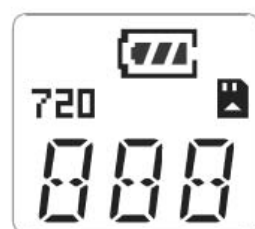
**720P@60fps Mode-Blue LED** Press the Shutter button once. In the preview mode, the camera will start to take videos. In the process of videoing, the blue LED indicator will flicker; press the Shutter button again to stop, then the blue LED indicator will keep in solid green.

**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.

Tip: When the storage card is full, the screen will display the word of "Full". In Photo mode, press the Capture key long for 20s, then the LCD screen will display the word of "DEL", in such case, you may format the internal memory card.

### LCD Screen

If there is no Micro SD card is inserted; after the camera is switched on, the SD card icon will flicker. If the Micro SD card has been inserted into the camera, then the SD card icon on the LCD screen will always appear. In DV mode, the LCD screen of the camera will display the information as shown in P-01. After the reproduction card is inserted and the file is upgraded to the root directory of the Micro SD card; press the MODE key to start to upgrade FW. The information on the LCD screen is as shown in P-02. The work indicator will flicker until the upgrade is over.



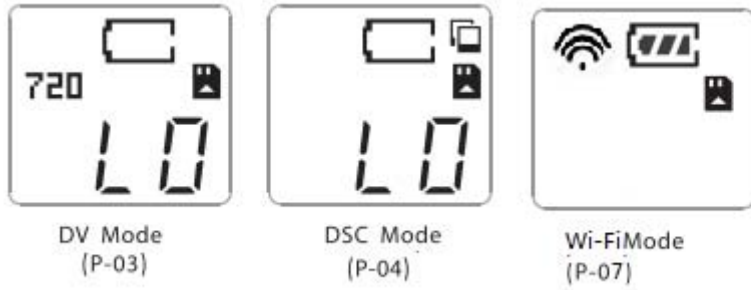
SD Card  
DV Mode(P-01)



F/W upgrading  
(P-02)

### Tip of Low Power

When the capacity of the battery is low, in video mode, the information on the LCD screen is as shown in P-03 below. If in Photo mode, the information on the LCD screen is as shown in P-04 below. If the power is always low, the buzzer will give three sounds and then the camera will switch off. If this happens in the recording process, the video file will be saved the portion before power outage and generally can be played.



Press the MODE key to enter the PCCAM mode with the information as shown in P-06. When the camera is connected with a TV via HDMI cable, press the Shutter button 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. Long press the key 1, the camera will into the Wi-Fi mode as shown in P-07, the mobile phone can search the camera, and connect to it.

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

Switch on	One buzzer sound
Button action	One buzzer sound
1080p 30 video mode	Green LED indicator flickering
720p 60 video mode	Blue LED indicator flickering
Photo mode	Red LED indicator flickering
Low power capacity	Red LED indicator flickering with buzzer sound

### Specifications

Items	Specs
Video resolution	1080p @30 frames/s
	720p @30 frames/s

Video format	H.264 MOV
Sound	Yes, one-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	120 °
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.

## **Federal Communications Commission (FCC) Interference Statement**

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 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.

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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### **RF exposure warning**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. The equipment must not be co-located or operating in conjunction with any other antenna or transmitter.