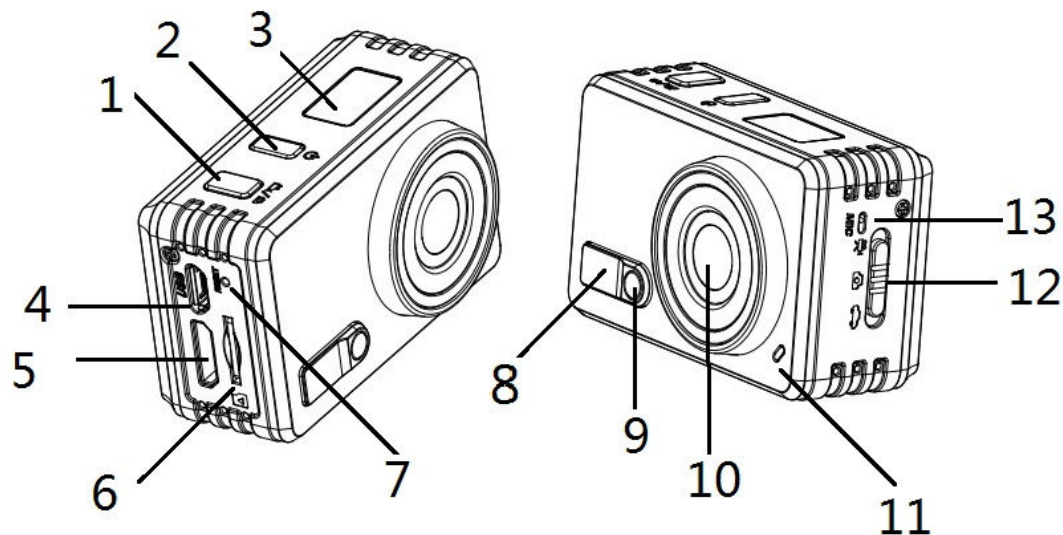


User Manual

Thank you for buying our Wi-Fi DV. Before start using this product, please read this manual carefully to maximize its performance and extend the life of the product.

Appearance and Buttons

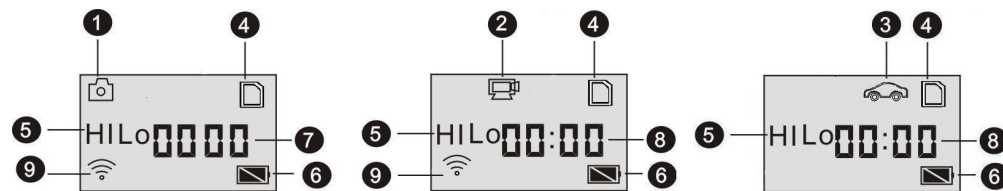


1. Shutter button
2. Power button
3. LCD display
4. Micro USB port
5. **Mini** HDMI port
6. Micro SD card slot
7. Reset button

8. WiFi switch
9. WiFi status indicator (orange)and
Working Indicator Light(blue)
10. Lens
11. Indicator Light for charging (Red)
12. Mode Switch
13. Microphone

LCD Display Illustration

Turn on the Wi-Fi DV, the LCD will display the following status and settings:



1. Camera mode
2. Video recording mode
3. vehicle-mounted mode
4. TF card icon (display when loaded)
5. Resolution icon:

In camera mode, **HI** stands for 8 Mega Pixels (3264x2448), and in video recording and vehicle-mounted mode, it stands for FHD (1920x1080,30fps);

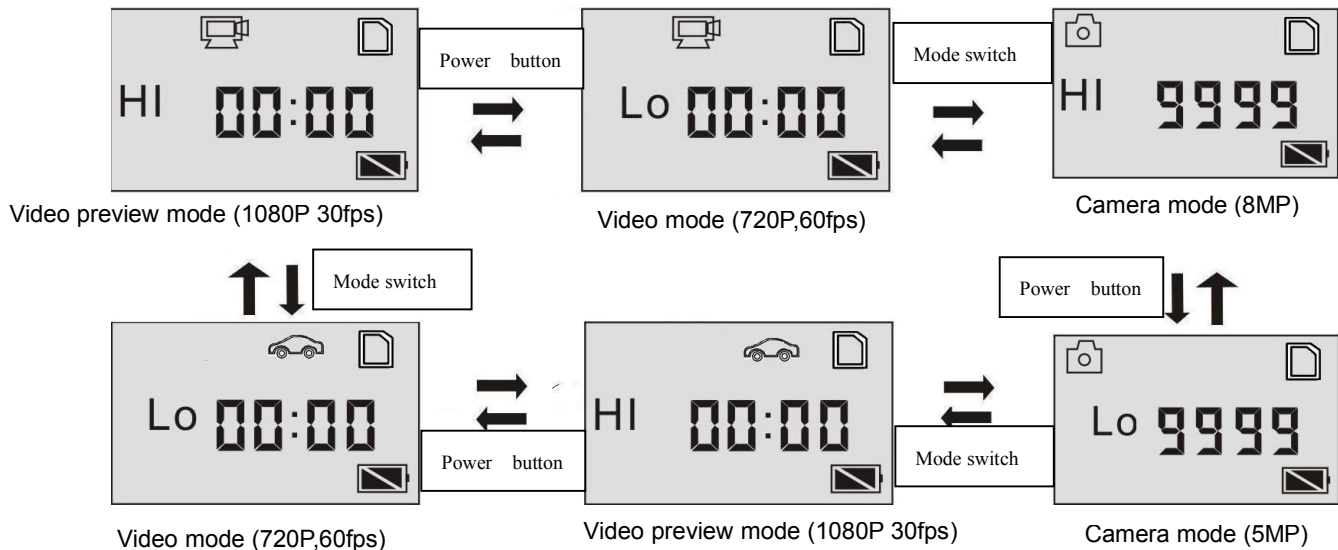
In camera mode, **LO** stands for 5 Mega Pixels (2592x1944), and in video recording and vehicle-mounted mode, it stands for 720P (1280x720,60fps);

6. Battery icon: current battery level of the camera
7. Counter, displays up to 9999.
8. Timer, displays minutes and seconds.
9. Wi-Fi icon (display when enabled)

Note: the above icons may vary according to the status of the DV.

Working Mode Flow Chart

After turn on the DV, you can press the Power button/Mode switch to switch the following modes in turn:

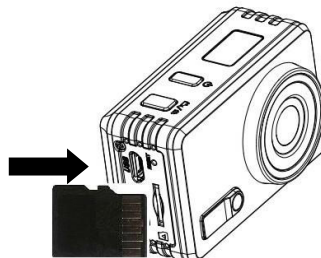


In video recording and vehicle-mounted mode , press the Shutter button to start recording, Working Indicator Light flash, and press it again to stop;In camera mode, press the Shutter button to take photos.

Use your Wi-Fi DV

When you use the DV for the first time,please:

1. Insert a micro SD or micro SDHC card, as shown in the following picture.




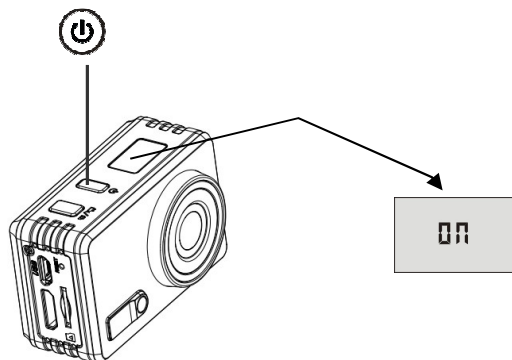
High speed card at least Class 4 is recommended; Turn off the DV before inserting or removing the card.


2. Charging the battery. The DV uses built-in rechargeable lithium battery. When the DV is off, connect it to the PC via USB cable ,and the DV will on.Please turn off the DV,the indicator light for charging will light on .**During charging, Indicator Light for charging will light on,and Indicator Light for charging off when charging completes.**

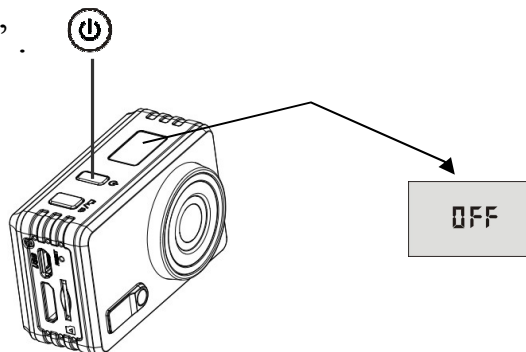
Note: When the DV is on, connecting it to the PC will not charge. It will not charge until the DV turn off.

Turn on/off

1. Turn on: press and hold  the button for about 3 seconds, LCD displays “ON” .



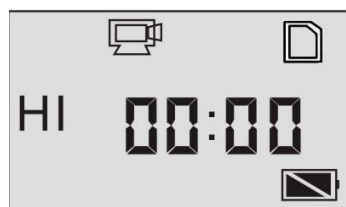
2. Turn off: press and hold the  button for about 3 seconds, LCD displays “OFF” .







Note: The DV will turn off automatically if it is idle for 5 minutes.



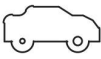
Start to Use

Default setting: After turn on the DV, the default setting is as below:



| | | |
|---|---------------------------|---|
|  | Video recording mode icon | The DV is in video recording mode. |
| HI | Video resolution | FHD: 1080p@30fps |
| 00:00 | Recording time | Stands for 00 minuter and 00 second. |
|  | TF card icon | Display when a TF card is inserted, otherwise no display. |
|  | Battery level | Battery is full |
|  | Wi-Fi icon | Display when activated. |



The DV provides different shooting modes. Conversion is available via the mode switch after startup:



| | | |
|---|----------------------|--|
|  | video recording mode | HI stands for FHD (1920x1080,30 fps) video |
| | | Lo stands for 720P (1280x720,60 fps) video |
|  | picture taking mode | HI stands for 8M (3264 x 2448) resolution |
| | | Lo stands for 5M (2592 x 1944) resolution |
|  | vehicle-mounted mode | HI stands for FHD (1920x1080,30 fps) video |
| | | Lo stands for 720P (1280x720,60 fps) video |

1. **video recording mode**

To record a video, please check whether the DV is under Video mode.

the icon  is played on the screen

Start recording: Press and release the  button, the icon  and [:] displayed in LCD will flash. At the same time The blue indicator Light will flash too, meaning the recording is in process.


Stop recording: Press and release the  button, the icon  and [:] displayed in LCD will stop flashing. At the same time the blue indicator will stop flashing either, meaning the recording is stopped.

When the TF card is full, or the battery runs out, the recording will stop automatically, and the recorded video will be saved before the DV turns off.

2. **Camera mode**

To take a photo, please check whether the DV is under Camera mode.



the icon  is played on the screen



Press and release the  button, The blue indicator will flash, meaning a photo is taken.(If you take photos more than 9999 copies, the LCD screen display only 9999)

3. **vehicle-mounted recording mode**

To record a video, please check whether the DV is under Vehicle-mounted mode.

the icon  is played on the screen

Start recording: Press and release the  button, the icon  and [:] displayed in LCD will flash. At the same time the blue indicator will flash too, meaning the recording is in process.

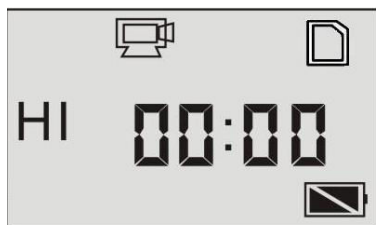
Stop recording: Press and release the  button, the icon  and [:] displayed in LCD will stop flashing. At the same time the blue indicator will stop flashing either, meaning the recording is stopped.

Press the shutter button once under the preview state to begin recording, save a segment for recording every 3 minutes, then start to record the next segment of video. When the storage card is full, the earliest segment of video will be deleted to release the corresponding space for continuous recording.

4. Enable/disable Wi-Fi

The Wi-Fi is disabled by default. Press the Wi-Fi button to enable it. the orange indicator will flash about 5 seconds and the Wi-Fi icon will display on LCD screen.

4.1 In video recording mode and vehicle-mounted recording mode ,the LCD will display as below after turn on the wifi



Wi-Fi is disabled by default



When Wi-Fi is enabled, the Wi-Fi icon will display on LCD

4.2 In Camera mode ,the LCD will display as below after turn on the wifi



Wi-Fi is disabled by default



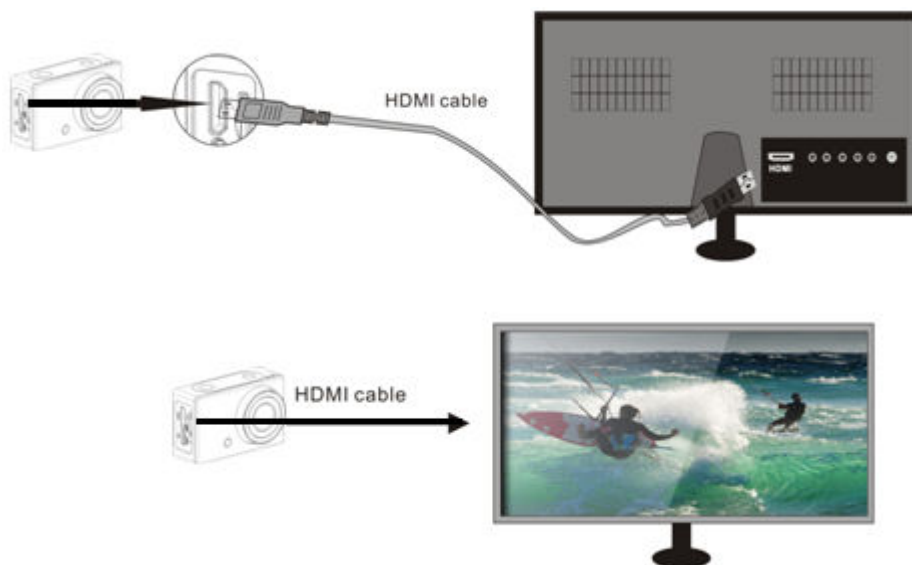
When Wi-Fi is enabled, the
Wi-Fi icon will display on LCD

In order to save power, Wi-Fi will be automatically disabled if no terminal is connected after 30 seconds.

5. Connecting to HDTV

5.1 Connect the DV to HDTV via HDMI cable (optional)

If you need to transfer the image and audio to an HDTV for playback, insert the Com end of the HDMI cable to the DV, and the other end (output) to the HD input of the HDTV, as shown in the following figure:








Note: Before connecting or removing the HDMI cable, please stop video recording, playback and disconnect Wi-Fi first.

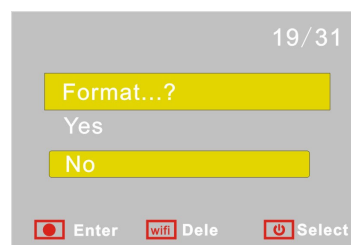
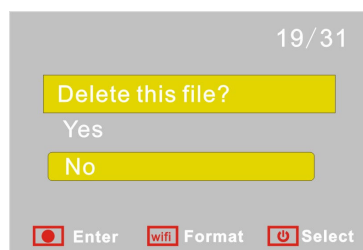
5.2 When HDTV is connected, it enters Playback mode, the LCD displays as below:



| S/N | Icon name | Description |
|-----|---------------|--|
| 1 | Playback mode | Under Playback mode currently. |
| 2 | File number | There are 31 files and you are viewing the 19 th one. |
| 3 | Video icon | The file is a video. |

In Playback mode, press the Power button  to switch to the next photo or video. When a video file is selected, press the Shutter button  to play it, and press the Shutter button again to stop playing.

In Playback mode, press and hold the Shutter button , a prompt of deleting the file or formatting will appear. Press the Wi-Fi button to switch between deleting or formatting, then Press the Power button  to select Yes or No, and press the Shutter button  to confirm and exit.




6. Connecting to PC


6.1 Turn on the DV and connect it to the USB port of the PC via the attached USB cable. The DV will enter U-disk mode and the LCD will display as below after connection:



Now you can view the photos or videos taken by DV on PC.

6.2 In U-disk mode (PCO mode), press the Shutter button  to switch to web cam mode (PCC mode), and the LCD will display as below:



Now you can start the web cam through application. To return to U-disk mode (PCO mode), press the  button again

Note: Driver is not required for web cam mode (PCC mode) on Windows XP(SP3) version or above.

APP (support Android and iOS)

1. How to install an APP

1.1 Search for "iSmart DV" in Google Play (for Android OS) to find the APP and install it according to the instruction.

1.2 Search for "iSmart DV" in APP Store (for iOS) to find the APP and install it according to the instruction.

2. Android APP

2.1 Install iSmart DV APP (provided by dealer or via internet) on **smartphone** or tablet. When installation completes, the LCD will display




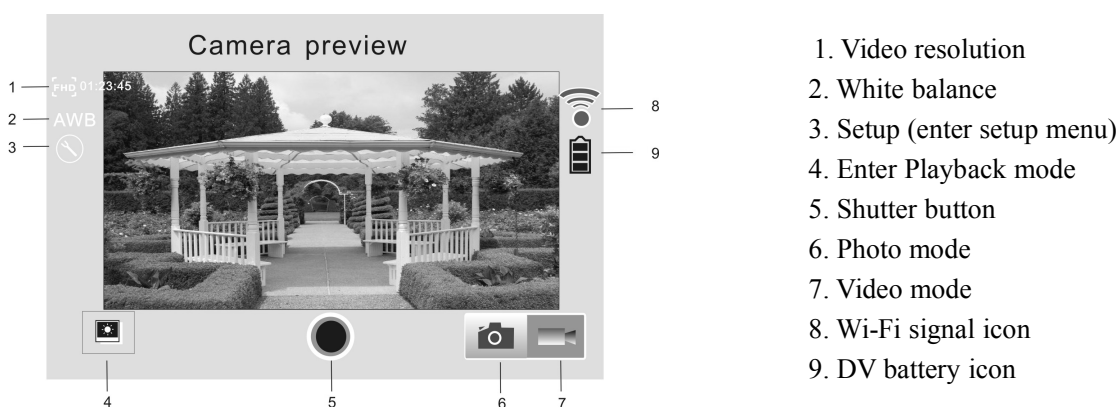
2.2 Insert the TF card and turn on the DV, then press the Wi-Fi button to enable it. Now you can see the Wi-Fi icon on the LCD.

2.3 Enable Wi-Fi on **smartphone** or tablet and search for wireless AP signal `rtwap_default`, then connect it to DV, until the system displays "Connected successfully".

Note: The first time connecting to DV, you need to enter password "1234567890".



2.4 Click the icon  in the App list of the **smartphone** or tablet to open it. Now you can preview the image sent by the DV on the phone or tablet and start some operating. The operation interface on terminal is shown in the following figure.



3. iOS APP


3.1 Install iSmart DV APP (provided by dealer or via internet) on iOS phone or tablet. When installation completes, the LCD will display

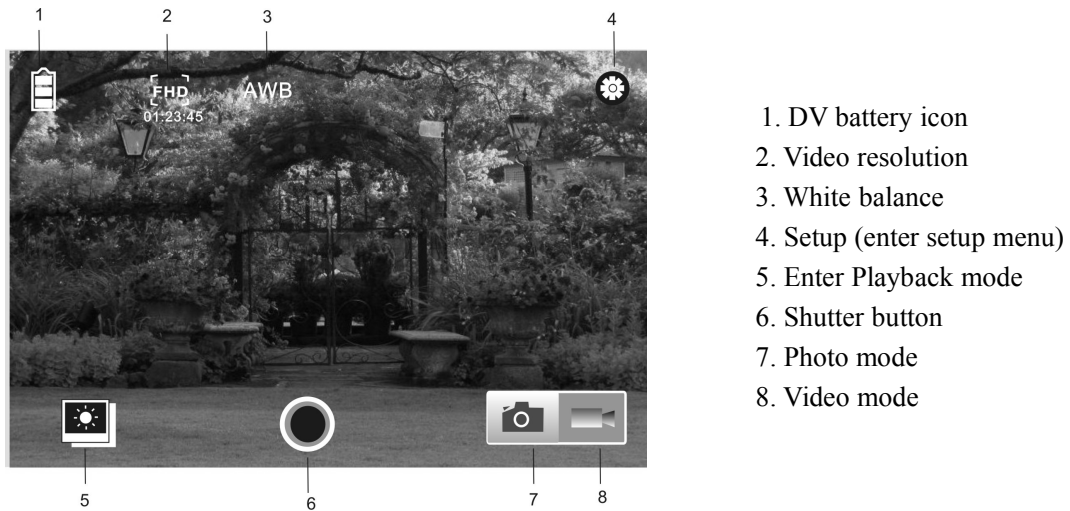


3.2 Insert the TF card and turn on the DV, then press the Wi-Fi button to enable it. Now you can see the Wi-Fi icon on the LCD.

3.3 Enable Wi-Fi on iOS phone or tablet and search for wireless AP signal `rtwap_default`, then connect it to DV, until the system displays “Connected successfully”.



3.4 Click the icon  in the App list of the iOS phone or tablet to open it. Now you can preview the image sent by the DV on the phone or tablet and start some operating. The operation interface on terminal is shown in the following figure.



Note:

1. A TF card must be inserted if you need to take a photo, record a video, or download files on the terminal;

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 generate, 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.