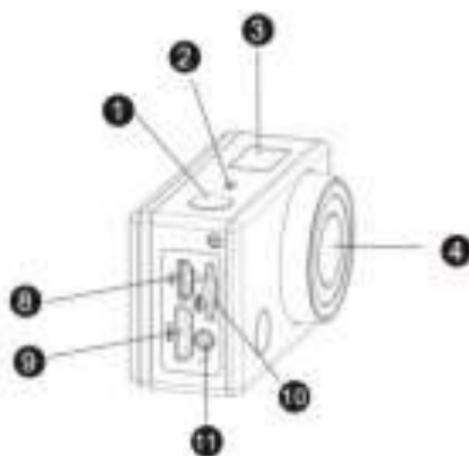
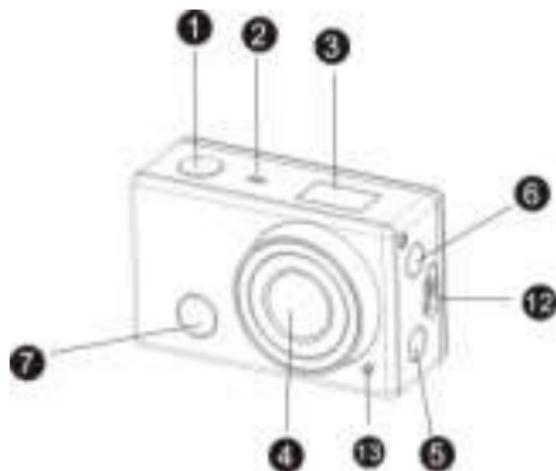




## User Manual

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

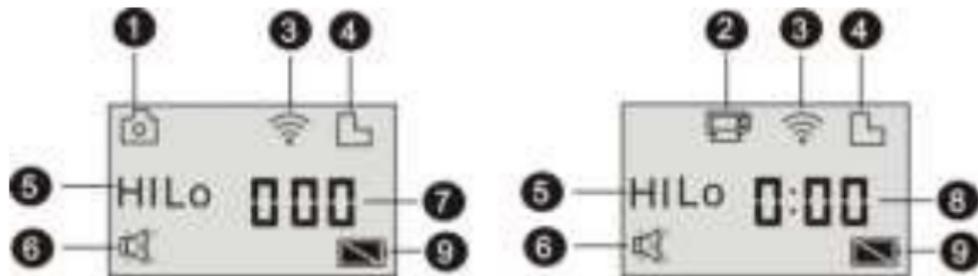
### Overview and Controls



1. Shutter button
3. LCD display
5. Wi-Fi switch and status indicator (red)
7. Infrared signal reception
9. Mini HDMI port
11. External microphone
13. LED light
2. Microphone
4. Lens
6. Power/Mode button
8. Micro USB port
10. microSD card slot
12. Battery cover opening button

### 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 (default)
3. Wi-Fi icon (displayed when enabled)
4. microSD card icon (displayed when inserted)
5. Resolution icon:

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

In camera mode, LO stands for 5 Mega Pixels (2592x1944), and in video recording mode it stands for 720P (1280x720, 30fps);

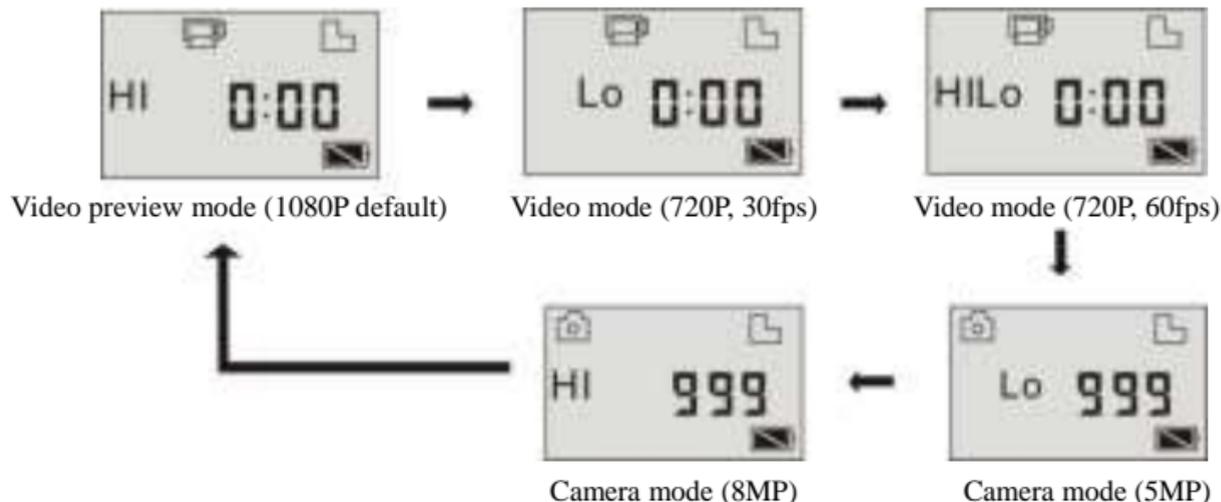
HILO only displays in video recording mode, standing for 720P (1280x720, 60fps).

6. Mute mode, displayed when enabled, disabled by default.
7. Counter, displays up to 999.
8. Timer, displays hours and minutes.
9. Battery icon: current battery level of the camera.

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

## Working Mode Flow Chart

After turning on the DV, press the Power/Mode button to cycle through the following modes:



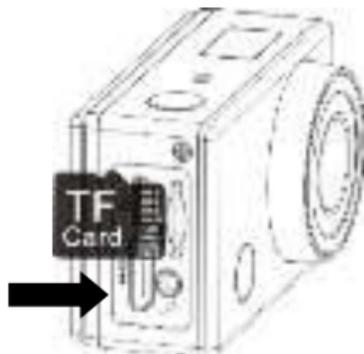
In video mode, press the Shutter button to start recording, the LED flashes; press it again to stop;

In camera mode, press the Shutter button to take a photo.

## Use the Wi-Fi DV

When using the DV for the first time, please:

1. Insert a microSD or microSDHC card, as shown in the following picture.



English	English
TF Card	TF Card

High speed card at least Class 4 is recommended; when using the time delay function or recording video in professional mode, then a Class 10 card is required. **Turn off the DV before inserting or removing the card.**

## 2. Using the Battery

### 2.1 Installing the Battery

Please install the lithium battery correctly as shown in the following graphic.

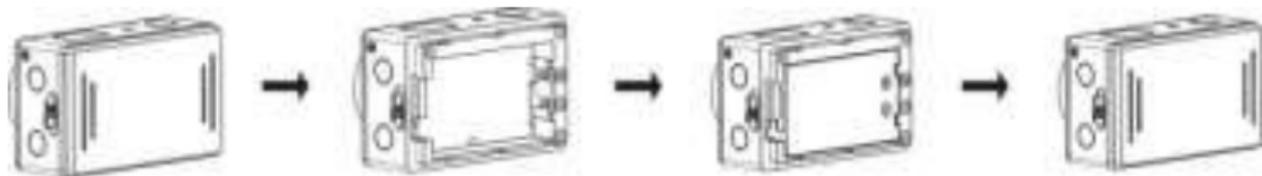


Figure 1

Figure 2

Figure 3

Figure 4

Step 1. Push the battery cover switch in lock position () , and remove the battery cover as shown in Figure 1.

Step 2. Place the lithium battery in the battery slot. Make sure the contacts of the battery correspond to the symbols of the DV case () as shown in Figures 2 and 3.

Step 3. Install the battery cover back in place, and move the switch to the lock position () to fix the battery as shown in Figure 4.

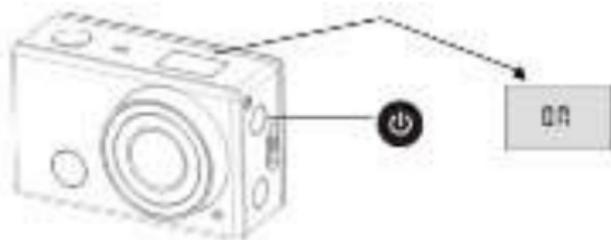
## 2.2 Charging the Battery

The DV uses a removable rechargeable lithium battery. When the DV is off, connect it via USB cable to a PC to charge the battery. **During the charging cycle the status indicator (blue) will light up; the indicator turns off when charging is completed.**

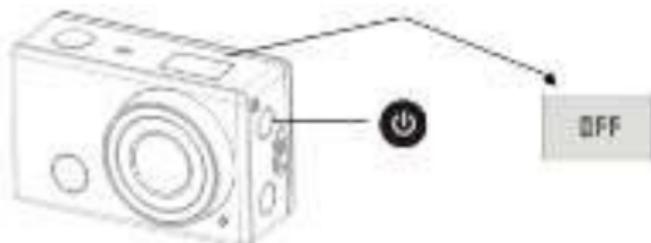
**Note: When the DV is on, connection to a PC will not start the charging cycle.**

### On/Off

1. Turn on: Press and hold the  button for about 3 seconds, the LCD displays “ON” and a beep can be heard from the buzzer.



2. Turn off: Press and hold the  button for about 3 seconds, the LCD displays “OFF” and a beep can be heard from the buzzer.



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

### Use Instructions

**Default setting:** After turning 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.
	Recording time	Stands for 0 hour and 00 minute.
	microSD card icon	Displayed when a microSD card is inserted, otherwise no display.
	Battery level	Battery is full.
	Mute icon	The DV is in Mute mode; no beep will be heard when pressing the buttons. Displayed only when Mute mode is activated.
	Wi-Fi icon	Displayed when activated.

**Shooting modes.** The DV provides different shooting modes. Press the  button repeatedly, the following first two modes will show on the DV screen, and other models display on the APP operation.

	Video	HI stands for FHD (1920x1080, 30 fps) video.
		LO stands for 720P (1280x720, 30 fps) video.
		HILO stands for 720P (1280x720, 60 fps) video.
	Photo	HI stands for 8M (3264 x 2448) resolution.
		LO stands for 5M (2592 x 1944) resolution.
	Continuous shot	The DV supports taking 3/5/10 photos continuously (only via app).
	Self-timer	In self-timer mode, you can set 0s, 2s or 10s (only via app).

## 1. Video

To record a video, please check whether the DV is in video mode. If the icon  is not displayed, then press the  button repeatedly until it appears.

**Start recording:** Press and release the  button, the icon  and [:] are flashing on the LCD. At the same time the red indicator will flash too; recording is in process.

**Stop recording:** Press and release the  button, the icon  and [:] will stop flashing on the LCD. At the same time the red indicator will stop flashing; the recording is stopped.

When the microSD 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.

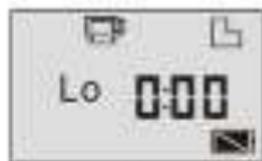
## 2. Photo

To take a photo, please check whether the DV is in camera mode. If the icon  is not displayed, press the  button repeatedly until it appears.

Press and release the  button, a beep will be heard and the red indicator starts flashing; a photo is taken (if you take more than 999 photos, the LCD will display only the maximum number 999).

### 3. Enable/Disable Wi-Fi

Wi-Fi is disabled by default. Press the Wi-Fi button on the side of the DV to enable. When connecting to a Wi-Fi network, the indicator will flash, and when a Wi-Fi network is connected, the indicator will remain on; the Wi-Fi icon will be displayed on the LCD (for saving power, Wi-Fi will be automatically disabled if no access point is connected after 60 seconds).



Wi-Fi is disabled by default



When Wi-Fi is enabled, the Wi-Fi icon is displayed on the LCD

#### 4. Enable/Disable Mute Mode

The buzzer is enabled by default. In Video or Photo mode, press and hold the Shutter button to disable the buzzer and indicator to enter Mute mode. In Mute mode, the  icon is displayed; press and hold the Shutter button again to exit the Mute mode.



Buzzer is enabled by default



When Mute mode is enabled, the Mute icon is displayed on the LCD

## 5. Connecting to HDTV

### 5.1. Connect the DV to HDTV via HDMI Cable (Optional)

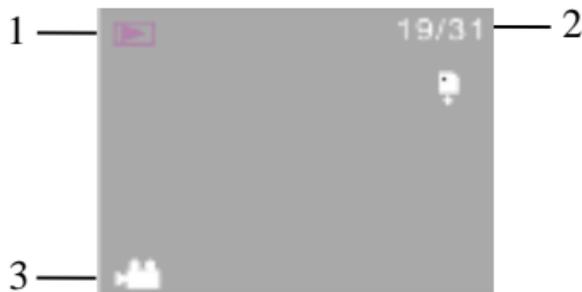
If you need to transfer the images and audio to an HDTV for playback, connect the Com end of the HDMI cable to the DV, and the other end (output) to the HD input of the HDTV, as shown in the following image:



English	English
HDMI cable	HDMI cable

**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	Currently in playback mode.
2.	File number	There are 31 files and you are viewing the 19 <sup>th</sup> one.
3.	Video icon	The file is a video.

In playback mode, press the Power button  to toggle between photos and videos. When there are several photos or videos, press the Wi-Fi button  to select the photo or video. When a video file is selected, press the Shutter button  for playback, and press the Shutter button again to stop playback.

In playback mode, press and hold the Shutter button , a prompt for deleting the file or formatting will appear. Press the Wi-Fi button  to toggle between deleting and 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 via the supplied USB cable to a USB port of the PC. 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.

**Note:** After the DV was connected to PC and has entered U-disk mode, you will see two removable disks displayed in My computer of Windows; one is the microSD card, storing all the photos taken and videos recorded; the other one stores the system file information, including a file named SSID\_PW.CFG, containing the AP ID of the DV and the password for AP login. You can view this information but it cannot be modified, deleted or formatted.

**6.2. In U-disk mode (PCU mode), press the Shutter button  to switch to web cam mode (PCC mode); the LCD displays as below:**

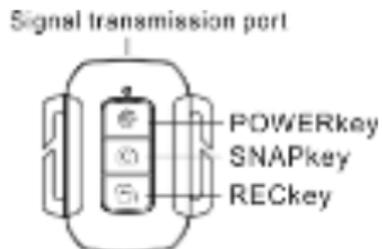


Now you can start the web cam via the app. To return to U-disk mode (PCU mode), press the  button again.

**Note: No driver is required for web cam mode (PCC mode) under Windows XP (SP3) version or above.**

## Remote Control App

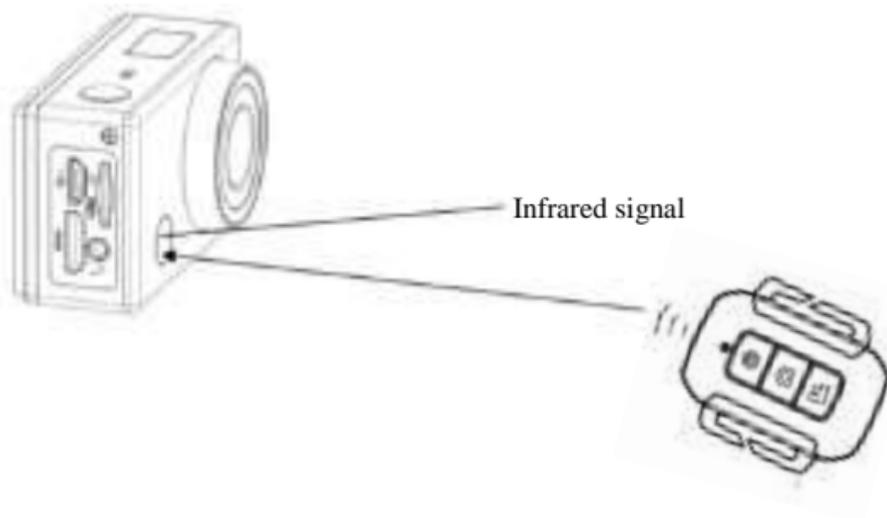
### Buttons



EN	EN
Signal transmission port	Signal transmission port
POWER key	POWER key
SNAP key	SNAP key
REC key	REC key

## Instructions

You can use the remote control to record videos, take photos and shut down the DV. When using the remote control, aim the signal emission port to the infrared signal receiver of the DV, and press the video button, photo button or power off button.



## **App (supports Android and iOS)**

### **1. How to Install an App**

1.1 Search for “SYMAGIX” in Google Play (for Android OS), or scan the QR code  printed on the gift box to find the app and install it according to instructions.

1.2 Search for “SYMAGIX” in App Store (for iOS) or scan the QR code  printed on the gift box to find the app and install it according to instructions.

### **2. Android App**

2.1 Install the SYMAGIX app (provided by dealer or via Internet) on smartphone or tablet. When the

installation is complete, the LCD will display the  icon.

2.2 Insert the microSD 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 your smartphone or tablet and search for wireless AP signal Champion\_WIFI, then connect to DV, until the system displays “Connected successfully”.

**Note: The first time connecting to DV, you need to enter the password “1234567890”.**

2.4 Click the  icon in the app list of the Android phone or tablet to open it. Now you can preview the image sent by the DV to the phone or tablet and start operating. The operation interface is shown in the following image.



1. Video resolution
2. White balance
3. Setup (enter setup menu)
4. Enter playback mode
5. Shutter button
6. Photo mode
7. Video mode
8. Wi-Fi signal icon
9. DV battery icon

### 3. iOS App

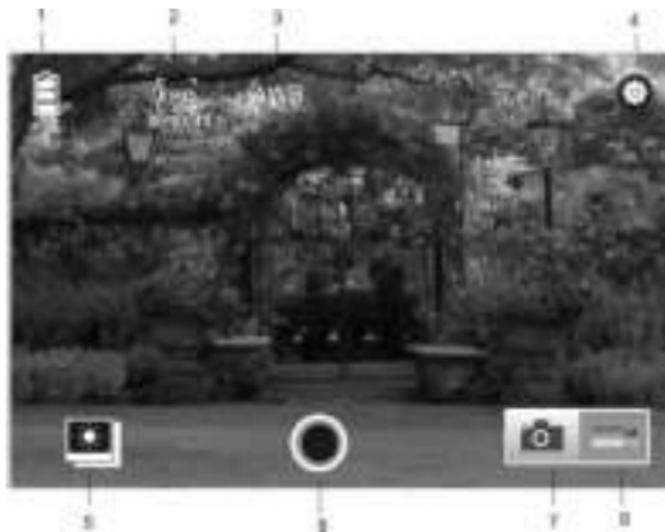
3.1 Install the SYMAGIX app (provided by dealer or via Internet) on your iOS phone or tablet. When the installation is complete, the LCD will display the  icon.

3.2 Insert the microSD 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 your iOS phone or tablet and search for wireless AP signal Champion\_WIFI, then connect to DV, until the system displays “Connected successfully”.

**Note: The first time connecting to DV, you need to enter the password “1234567890”.**

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 operating. The operation interface is shown in the following image.



1. DV battery icon
2. Video resolution
3. White balance
4. Setup (enter setup menu)
5. Enter playback mode
6. Shutter button
7. Photo mode
8. Video mode

**Note:**

- 1. A microSD card must be inserted if you want to take a photo, record a video, or download files.**
- 2. The Wi-Fi indicator will remain on when the terminal is connected to DV.**

### **Waterproof Case**

- ◆ Before sealing the waterproof case, keep the camera housing's rubber seal clean, a single hair or grain of sand can cause a leak. You can test by closing the case without inserting the camera. Submerge the case completely in water for about a minute. Remove the case from the water, dry off its exterior with a towel, and then open the case. If the interior is dry, the case is safe for use under water.
- ◆ After use in salt water you need to rinse the outside of the housing with fresh water and then dry it. This will prevent corrosion of the hinge pin and salt build-up in the seal, which can cause failure.
- ◆ To clean the seal, rinse in fresh water and shake dry (drying with a cloth may cause lint to compromise the seal). Re-install the seal in the grooves in the rear door of the housing.