

# Sports Cam

## User Manual



## Dear Users:

Thank you for buying our high-resolution mini sport DV. This product is characterized by advanced technology, unique appearance, strong function and can realize the dual-camera synchronous real-time video recording.

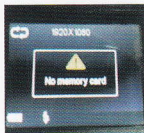
This manual provides the detailed instructions regarding how to use this device and other detailed information, including use, operation, technical specifications, etc.. Before use, please read this manual carefully and be sure to understand it completely. Please keep this manual properly. We hope that this product can meet your demand and we would like to serve you for long time!

## Product Effect Picture:



## Install and remove memory card

1. As per the direction indicated, insert the memory card into the card slot until it is fixed firmly in the slot.
2. When taking the memory card, slightly press the memory card; after it is ejected out, you may take it out.
3. If no card is inserted, the screen will display the information "No card!" as shown in the following picture:



**Note:**

1. Please make sure the direction in which you insert the card is right. Otherwise, the device and the memory card may be damaged.
2. After the memory card is inserted into the device, the device will set the memory card.
3. The documents and data occurring in the use of this device should be backed up. Should any loss, we will not assume any legal responsibilities arising therefrom.

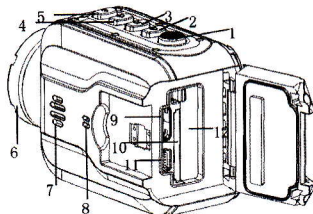
**Product Characteristics**

- Portable mini sport DV facilitates the easy photo and video taking, audio recording and free high-definition image capture in various situations.
- HDMI high-definition video output;
- 1.5" LTPS TFT LCD;
- High-definition wide angle camera;
- Video specs: H.264 (MOV);
- Inbuilt with microphone (speaker);
- Supports high-capacity TF card;
- Supports moving detection function;
- Supports Waterproof function (IP68);
- Inbuilt with WIFI.

**The number of shots & time of video recording** (only for reference)

TF Card	(1080P) 30F	(720P) 60F
16G	120 min	160 min
8G	60 min	80 min
4G	30 min	40 min
2G	15 min	20 min

Note: The number of shots that can be taken will vary depending on device settings, the subject and the memory card used.

**Product Structure**

- |                    |                       |
|--------------------|-----------------------|
| 1. "OK" key        | 7. Speaker            |
| 2. "POWER" key     | 8. Microphone         |
| 3. "MENU" key      | 9. HDMI port          |
| 4. "<" key         | 10. SD card slot      |
| 5. ">" key         | 11. USB port          |
| 6. Wide-angle lens | 12. Battery card slot |

**Functions of Keys**

POWER key: On/Off.

OK key: confirmation.

+ key: UP key/ marking/WIFI

- key: Down key/shooting.

M : shortly pressed, menu function key; held, playback/return.

**Charge:** For the first three uses of mini sport DV, please charge the battery only after it is completely used up; and keep charging it for 12h every time continuously until the battery can have the maximal efficiency.

This device is inbuilt with rechargeable lithium battery. For the first use, please charge it in any of the following manners:

1) Connect it to PC with USB data cable for charging.

2) To charge with a charger, connect the USB cable with the charger holder and then plug the charger into the power supply socket. In such case, the blue indicator will be on. When the battery is charged full, the blue indicator will be off.

- Note: 1. When the battery is in low power status, the mini sport DV will directly enter the protected status and thus cannot be switched on. In such case, please charge it.

2. When the battery capacity is low, white screen or halt, etc. may appear on the mini sport DV. In such case, reset this device and then charge it.

**Directions for Use**

1. Press the POWER key shortly to switch on the DV.
2. After the DV is switched on, the system will have the video mode as default; in such case, press the OK key to start record videos; after that, press the OK key to pause and automatically save the file.
3. In the pause mode, press the "MENU" key shortly to enter the menu mode setup, including video setup, image setup and system setup. Press the OK key to switch the three setups, press the "<->" key or the "<+>" key to choose the item to be set up. Hold the "MENU" key for 3s to enter playback; press the "<->" key and the "<+>" key to choose downward and upward; then press the "<->" key to choose the type for the file to be opened; press the OK key once to enter the file browse page; press the "<->" key to choose the file to be browsed, press the OK key to start playing the file. After the play is over, hold the "MENU" key to exit.
4. Hold the POWER key to switch off the DV.
5. Press the "W" key to enter the WIFI mode.
6. Hold the "H" key to exit from the WIFI mode.

## Menu Setup

### Video Setup/Image Setup/System Setup/Playback Mode

Press the POWER key to switch on the DV; in standby state, press the "MENU" key to display video setup/image setup/system setup.

Press the OK key for changeover, press the "<-/+>" key to choose the option to be set up.

**1. Choose video setup: press the "<-/+>" key to choose the option to be set up as follows and then press the OK key to confirm.**

- 1) Resolution: 1920\*1080(30 fps), 1280\*720(60 fps) available.
- 2) Circular video: When this option is off, it will take 30 minutes to record one file until the card is full. If the rest space of the card is less than 30 minutes, the recording can go on until the card is full without deleting the previous file recorded. When this option is on, it will take 15 minutes to record a file in circular manner.
- 3) Date mark: Choose to have date mark and have no date mark: On/Off.
- 4) Exposure value: EV-2.1...EV+0.0...EV+2.1, etc. available.

**2. Choose image setup: press the "<-/+>" key to choose the option to be set up as follows and then press the OK key to confirm.**

- 1) Resolution: 2M and 30FPS available.
- 2) Single mode: When this option is on, you may enter the single mode; in such case, triple mode, continuous mode and self-timer are inactive and automatically trip to OFF. In single mode, press the shooting key to take one picture at a time. When any of triple mode, continuous mode and self-timer mode is on, the single mode will be automatically off.
- 3) Triple mode: When this option is on, you may enter the triple mode; in such case, single mode, continuous mode and self-timer are inactive and automatically trip to OFF. In single mode, press the shooting key to take three pictures at a time. When any of single mode, continuous mode and self-timer mode is on, the triple mode will be automatically off.
- 4) Self-timer mode: When this option is set as 5s or 10s, you may enter the self-timer mode; in such case, single mode, continuous mode and triple mode are inactive and automatically trip to OFF. In self-timer mode, press the shooting key, the DV will delay 5s or 10s to take one picture. When any of single mode, continuous mode and triple mode is on, the self-timer mode will be automatically off.
- 5) Continuous mode: When this option is set as 2s, 3s, 5s, 10s, 20s, 30s or 60s, you may

enter the self-timer mode; in such case, single mode, self-timer mode and triple mode are inactive and automatically trip to OFF. This option allows the DV to take one picture every 2s, 3s, 5s, 10s, 20s, 30s or 60s until the card is full or the DV stops by pressing the "<->" key. When any of single mode, self-timer mode and triple mode is on, the continuous mode will be automatically off.

**3. Choose system setup: press the "<-/+>" key to choose the option to be set up as follows and then press the OK key to confirm.**

- 1) Sound setup: Shutter tone /Power-on tone /Key tone /Volume available.
- 2) Power frequency: 50Hz or 60Hz.
- 3) Screen saver: off/1min /3min/5min/ available.
- 4) Auto power-off: off/1min /3min/5min/ available.
- 5) Date/Time: Press the "<-/+>" key to increase/decrease; press the OK key to automatically switch among "Month/Date/Year" and "Hour/Minute".
- 6) Language setup: Press the "<-/+>" key to choose English/Simplified Chinese/Traditional Chinese/Russian; press the OK key to back to the previous menu.
- 7) Formatting: Press the "<-/+>" key to choose "Yes" and press the OK key to start formatting the memory card; choose "No" and press the OK key to exit from the current menu setup.
- 8) Screen rotation: Yes/No, indicating whether the screen rotates by 180° or not.
- 9) Restore factory settings: Yes/No.
- 10) Version info: Display software version.

Press the MENU key to back to the previous menu.

**4. Choose the playback mode: Hold the "MENU" key for 3s to pop up the playback mode desktop, press the "<-/+>" key to choose and the "OK" key to confirm.**

- 1) Enter the playback mode: Three folders as "Emergency videos", "Cycle videos" and "Pictures" are available; press the "<->" key to choose the file to be browsed, press the OK key to start playing the file. After the play is over, hold the "MENU" key to exit.
- 2) Image function: In normal standby state, press the "<->" key. In static state or video recording process, press the "<->" key to have dynamic shooting. The system has 1920\*1080 pixels as default. The files are saved in the JPEG folder.
- 3) Delete: In playback, press the "<-/+>" key to choose to delete or lock the desired file, press the "MENU" key shortly again to pop up DELETE/LOCK and press the OK key to confirm.
- 4) Press the "MENU" key to exit from the playback menu and then to exit from the playback mode.

## Functional Operation

### ● Switch on and Circular Video /Image

1. After the product completes the switch-on program, press the OK key, then the right upper corner of the screen will display a flickering "REC" red video icon. In such case, the system is in the video recording state. In the video recording process, press the "H" key, then the left upper corner of the screen will display a lock icon, indicating that the file being recorded is locked and saved into the EVENT folder.
2. When the Circular Video in the video menu is set "ON", press the "OK" key to automatically save one video file every 15 minutes into the VIDEO folder. After the card is full, the device

will automatically delete the first file in the folder to get more space so as to achieve the seamless circular recording. When Circular Video in the video menu is set "OFF", the device will save only one every 30 minutes automatically into the VIDEO folder. After the card is full, it will automatically stop without deleting the previous files. To stop video recording, press the "OK" key again.

- In video mode, press the "<" key to take videos in "Dynamic" or "Static" manner. In video recording, motion means dynamic shooting, which is single with the interval of 5s. When video recording stops, the shooting in static state is static shooting, which may be single, 3 in series, self-timer and continuous. Such images are set in the image menu and the pixels are 1920\*1080 respectively.
- When this device is connected to the charger in off state, it will automatically turn on and enter the video preview mode. In such case, it can be charged. Press the "OK" key to stop charging and start to record videos. Press the "POWER" key to turn it off, it can still charge.

### ● PC Camera Mode

In power on/off state, connect this USB cable to connect this device and a PC, then the screen will display one mode as MSDC, i.e. U-disc mode, one as PC-CAM, as network camera mode. Press the "+" key to choose PC-CAM and then press the OK key to switch the device to the PC-CAM mode, click the AMCAP icon to use the PC as a camera.

Note:

- In PC connection, press the OK key to enter the U-disc mode and press the "M" key to switch the network camera.
- In PC connection, when U-disc and PC-CAM appear, press the "M" key to switch to the video mode.

### ● WIFI Transmission (operated and controlled with mobile phone)

In ON state, press the "+" key to enter the WIFI mode. Via the mobile phone, you may search the WIFI signal name on the DV. After finding, you may choose connection. In such case, the device may remind you of entering password. After the password is entered, the device will display the information of "Connected", indicating the connection is successful. At the moment, when opening the ISMART DV tool on the mobile phone, you may immediately see the environment corresponding to the motion DV recorder. When the motion DV recorder moves the environment, the menu on the mobile phone will change accordingly. In such case, you may record videos and take pictures with the mobile phone. You may watch the video and pictures taken on the mobile phone.

(RMKS: The mobile phone with Android system needs to install Ismart DV and MX Player. When connecting to WIFI, the mobile phone needs to enter password. The default WIFI password of the device is 1234567890).

Note:

- Different mobile phone may have different signals, different picture smoothness and different distance after connected.
- Before operation, you need to install ISMART DV, which may be downloaded from the website and will not be provided by us.
- The video cannot be played until it is downloaded into the mobile phone. If you cannot play it on the mobile phone yet, please download MX PLAYER. Play the video again after this software is installed. Other player software is workable too; so you may choose your favorite.

### ● HDMI TV out

Insert the small end of the HDMI TV output cable into the HDMI OUT port of this device and the other large end to the HDMI port of the TV, set the TV to be HDMI mode to realize HDMI output. Choose the desired file, press the OK key to start the output, then you may share the wonderful program together with friends.

### ● Product Specs

Sensing element	COMS wafer
Lens	140°
Focus range	12cm-infinite
Screen	1.5" LTPS TFT LCD
TV out	NTSC/PAL
Video format	MOV(H.264)
Video	1920*1080(30 frames/s);1280*720(60 frames/s)
Memory	External: TF card (max. 32G )
Connector	USB 2.0/HDMI
Battery	External Battery 1000mAh
USB	USB2.0 high-speed transmission
Dimensions/Weight	86*40*57 MM
Working temperature/humidity	0-40°C / 10%-80%

### ● Troubleshooting

- Unable to switch on?  
Maybe the battery is out of power. Please charge it in time.
- Unable to take videos?  
Please replace the memory card with one with sufficient space and check if it is inserted properly.
- No video on the HD screen?  
Please check if the TV OUT cable plug is inserted completely. Use always the attached TV cable.
- Unclear images/videos?  
Mop the lens subject to light with soft cloth before use.

Tips for operation:

This device is similar to PC. If it does not operate, please directly press the RESET key to restart the device.