

# User Manual

## **Operate attention:**

- 1.This is a high precision product, please do not let it fall or strike.
- 2.Please do not let the camera close to the objects with strong-magnetic,such as magnet and power-driven machine. In addition, please also avoid closing to the objects which can Launch strong radio wave, because the strong magnetic field may cause product breakdown or destroy the image and sound.
- 3.Please do not put the camera in the place with high temperature or direct sunshine.
- 4.Please choose the Micro SD card with brands, because ordinary card can not be guaranteed for using regularly.
- 5.Please do not let the Micro SD card put in or close to the places with the strong-magnetic in order to avoid losing the date of the Micro SD card.
- 6.During the process of charging up the battery, if the product gives out heat

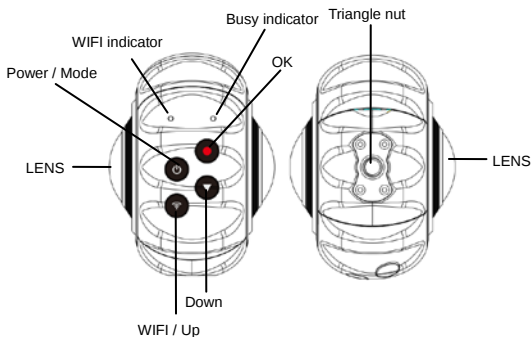
and smoke or gives off peculiar smell, please immediately unplug the power to avoid the fire.

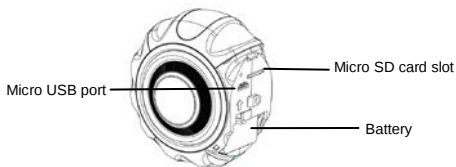
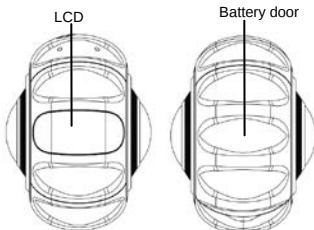
7. When charging up the battery, please let the product put in the places where children can not touch, because the power cable may cause the children stifle or suffer from electric shock.

8. Please let the product put in the shady, dry and insulated places.

9. Please make sure the lens is clean before use to avoid dirty.

#### Camera show :





### **Guide of operating:**

Plug the Micro SD card:

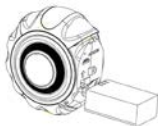
Firstly plug a micro SD or micro SDHC card, as follows:



Attentions: Please turn off the camera before plug the card or take out of the card.

Support micro SD card above Class 6. Please use the high speed TF above class 10 at professional video mode.

#### **Install and remove the battery:**



Moving the battery cover down and then open it.

Install the battery into the camera properly according the sign of the positive and negative in the battery, and the direction of the arrow.

## Battery Charging

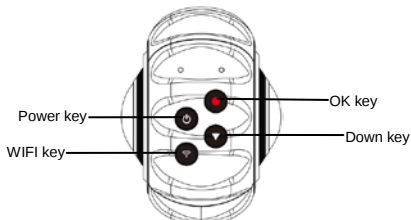
Supporting PC USB, Standard plug and Car charger of car.

## Startup and Shutdown

Startup: Long press the power/mode button about 3 seconds, the video mode will be opened.

Shutdown: Long press the power/mode button about 3 seconds. The video mode will be closed.

Power saving mode: Without key operation, the camera will shutdown automatically after 15 seconds (It can adjust the time of screen off in the setting menu) Under the state of non-use, the camera will shutdown after 5 seconds.

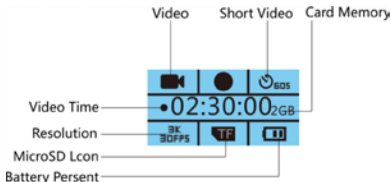


## Mode Switch :

When camera on,press the power button repetitive,camera will show video/photo/Slow photography/menu mode circularly. As follow:



## Video interface :

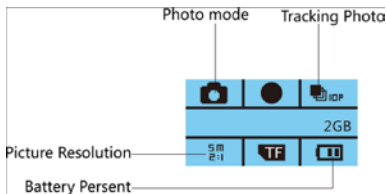


Click "OK" to start recording, you can see the recording time and video mode on the LCD screen.

Click the "OK" again to stop recording and save the file.

You can enter the video setting by Clicking "Down" button.

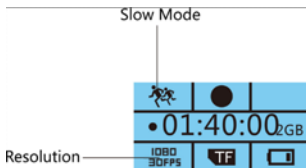
## Photo interface:



Taking photos by clicking “OK” button.

You can enter the photo setting by Clicking “Down” button.

## Slow photography:



The camera enters slow photography, press the “OK” key to start recording, the resolution is 1080p/30fps), the upper left corner of the screen will show



When playback, the slow photography is slow motion.

Shortly Press “Down” key to enter into Slow photography settings.

## Setting

Press OK key to enter Setting to select record video, take photos, language and so on :



**Connect PC cameras:**



Select "U disk mode" to manage TF card data

Select "charging" to panoramic DV charging

### **WIFI light (Orange)**

When turn on the WIFI, there'll be an orange light.

When the WIFI is connected, the blue light will be flashing.

When turn off the WIFI, the blue light will be off.

### **Charging light (Red)**

When the device is turned on, led is red during charging, led is off when battery is full.

When the device is turned off, led is red during charging, led is off when

Screen is off.

### **Button instruction**

#### **Power button**

Keep pressing 3 seconds on the Power button to turn on the camera,

3-seconds pressing to turn off the camera.

When the camera is on, press Power button to enter into the page of

"Recording, Photography, Slow motion, Setting".

In function setting page, press Power button to quit from the page.

### **OK button**

In Recording, Photography, Slow motion, Setting page, short press OK button to choose function for setting.

### **WIFI /UP button**

In Setting page, press UP button to go up in this page.

In Recording, Photography, Slow motion, Setting page, press UP button to turn on or turn off the WIFI.

### **Down button**

In Recording, Photography, Slow motion page, press Down button to enter into the Setting page.

In Setting page, press Down button to go down.

### **WIFI APP Connection**

Please download the WIFI APP in the IOS & Android store before connection.

Note:

For Android system smartphone, please search "XDV720" in Google Play, download and install this APP on the smartphone. For IOS system smartphone, please search "XDV720" in Apple store, download and install accordingly.

### **How to connect WIFI APP**

1.Turn on the camera, press "WIFI/UP" button until there is WIFI sign on the screen, the WIFI indicating light will also flash at the same time.

2.Turn on the WIFI function on the smartphone, choose the WIFI SSID "X720-XXXX" and connect (pass word:12345678)

3.Open the XDV720 APP, you can synchronize the video while recording on the camera. Also, Recording, Make photography, Display, Download, Delete, Share to other site the video or photo.

### **4.WIFI APP QC code**

Scan this QC Code to download the WIFI APP



Google market



Apple store

NOTE: Search "XDV720" download and install in Apple store, Google market.

### **Convert the videos**

Enter into USB Mode. The TF card will automatically produce a "WindowsManual.txt" file. Contents of the file are as follows:

Please open the following url and download application installed!

Windows download

Address: <https://mega.nz/#!O4Bm0bTb!gapCQOxEJQDSS0cNIZOPOxdvhLhSmS1yu8xtf4c6AKM>

Address: [https://mega.nz/#!39YhTQZL!qaLCwMCz\\_PzSUEdZToxmsmWhP\\_Shv9h-GVBMasBT6f8](https://mega.nz/#!39YhTQZL!qaLCwMCz_PzSUEdZToxmsmWhP_Shv9h-GVBMasBT6f8)



You need to Click the software of XDV720 in PC and open videos. you can play the videos and convert to horizontal panorama, split screen, asteroid, ordinary, cylindrical, panoramic view, camera switch, VR mode. After choosing the selected mode and saving it, it will convert successfully after some time.



Rotate the videos;



Click the icon to save the videos;



Mode, you can switch to Panorama 360°, Spherical, Inner Rim,

Annular, Square, Half-Round, Half-Half, VR mode.

### Product Specification :

|                  |                                                                                          |
|------------------|------------------------------------------------------------------------------------------|
| Platform         | ARM@Cortex-A7 1.2GHZ/DSP/H2.64 Video Encoder                                             |
| Sensor           | OV4689                                                                                   |
| Video Resolution | 3040*1520 30fps<br>1520*760 30fps                                                        |
| Photo Resolution | 3040*1520                                                                                |
| Lens             | 220°FOV                                                                                  |
| Exposure         | -3 , -2 , -1 , 0 , 1 , 2 , 3                                                             |
| White Balance    | Automatic, sunny, cloudy, incandescent, fluorescent                                      |
| Camera Mode      | Ordinary photography, regular photography, automatic photography, trajectory photography |
| Video Mode       | Normal video、Loop Video、 Space lapse                                                     |

|                        |                                                                                           |
|------------------------|-------------------------------------------------------------------------------------------|
| APP Show Mode          | Panorama 360°, Spherical, Inner Rim, Annular, Square, Half-Round, Half-Half, VR mode      |
| Slow Motion            | 2K 30fps                                                                                  |
| Display                | 0.96" Matrix Screen LCD                                                                   |
| Image Format           | JPEG                                                                                      |
| Video Format           | MP4                                                                                       |
| Light Source Frequency | H.264                                                                                     |
| Connection             | Micro USB2.0                                                                              |
| Microphone             | Build in                                                                                  |
| Speaker                | 1w Built-in 8 ohms 1w                                                                     |
| Battery capacity       | 1500MAH (removable battery)                                                               |
| Record time            | 3040*1520 30fps / About 120 minutes                                                       |
| Fixed Interface        | International standard 1/4 inch standard threaded connection                              |
| Charging time          | About 2-3 hours                                                                           |
| WIFI                   | 802.11b/g/n, 2.4G                                                                         |
| Language               | English, Chinese, Korean, Russian, French, German, Italian, Spanish, Portuguese, Japanese |
| Operating system       | Windows XP/7/8.1/10/Vista/Mac 10.5 or above                                               |
| Operating temperature  | -10°C ~ +55°C                                                                             |
| Storage temperature    | -20°C ~ +70°C                                                                             |

|                   |                                                                                     |
|-------------------|-------------------------------------------------------------------------------------|
| Relative humidity | 5% ~ 95% ( No frost )                                                               |
| Application       | Outdoor Sports, Cycling, Diving, aerial, Real estate, Performances, VR mirror, etc. |

### **Simple description of the problem and the solution:**

1.If the phenomenon of death caused by improper operation of the product:

Re-install the removable battery, the product can be restored to normal.

2. Maximum support 64G Micro SD card, select the brand Micro SD card, buy it after tested OK. Formatted on a computer, then use the card through the neutral can not be guaranteed to work properly.

3.What is Space Laps ?

By setting a certain time interval shooting, the same scene or the same object at a certain frequency automatic shooting for a long time continuous shooting, It becomes one frame which is formed by the combination of thousands of photos from the continuous screen.

## **FCC 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 other 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 or more 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.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

RF warning statement:

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

**(Tips: All information above is just for reference, please confirm the specification based on products. Subject to the actual prototype without notice)**