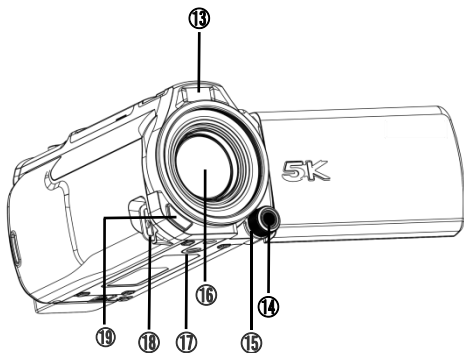
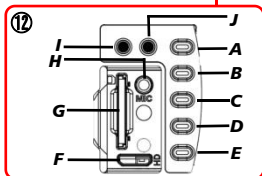
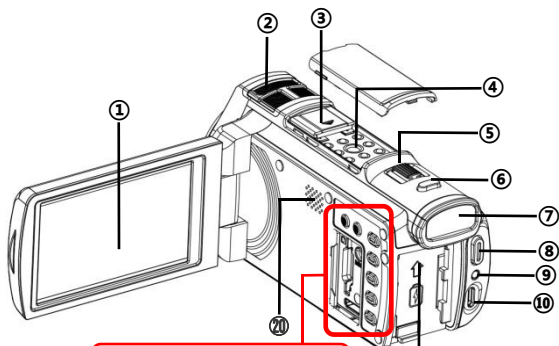


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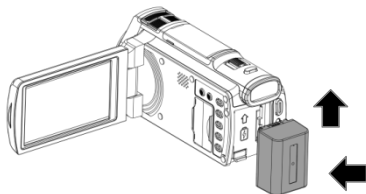
## Component Introduction



①	IPS Touch Panel	Screen preview and video/photo playback	
②	Microphone	Recording sound	
③	Hot Shoe Interface	Mount hot shoe products	
④	Handle Interface	External dedicated handle	
⑤	T/W Zoom Button	In video/Photo Mode, pull left/right to zoom in/out;In Playback Mode, pull to switch photos/videos In Menu, pull to menu selection;In Video Playback, pull to realize fast forward and retreat	
⑥	Photo Button	Two-stage button, tap to focus and press to photo in photo mode	
⑦	Status Screen	Battery status/Remaining video recording time/Remaining number of shoots	
⑧	REC Video Button	"START/STOP" is the recording/stop button; Start/Stop play when the video is playing	
⑨	CHG Charging Indicator	The charging is often bright and extinguished when it is full	
⑩	USB Interface	External USB cable charging/connecting computer	
⑪	Battery Compartment	Load Battery.	
⑫	<b>A</b>	MODE Button	Call up mode list
	<b>B</b>	MENU Button	Call up menu list
	<b>C</b>	PLAYBACK Button	Enter the playback mode
	<b>D</b>	DISPLAY Button	Press to switch screen display mode
	<b>E</b>	POWER Button	Power On/Off.
	<b>F</b>	HD Interface	External HD Cable to connect to TV
	<b>G</b>	SD slot	Insert the SD Card.
	<b>H</b>	MIC Microphone Interface	External microphone
	<b>I</b>	AE-L Button	Lock the current exposure
	<b>J</b>	IR Night Vision Button	Switch night vision ((the camera does not have a built-in night vision light, Please purchase an external night vision light as an option to use it.)
⑬	TOF light	Faster focusing within 4 meters	
⑭	AFL Button	Lock the current focus and manually focus with the MF focus wheel	
⑮	MF wheel	Manual focus (Use when turning on AFL)	
⑯	Lens	Framing	
⑰	1/4 Tripod Socket	Tripod installation	
⑱	Hand strap mounting hole	Install adjustable hand strap	
⑲	BUSY Work indicator	Standby: Always bright During the video: constant flashes When taking pictures: flash once	
⑳	Speaker	Play sound	

## Loading Battery & Charging

### • Loading Battery



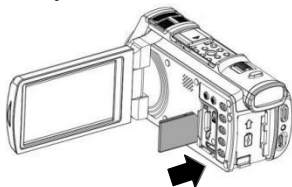
【Install the battery into the camera in the direction of the chart】

### • Battery Charging



## Using a Memory Card

### • Inserting a memory card

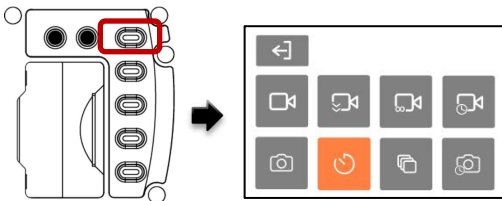


【Insert the memory card directly according to the direction of the chart】



- When using the memory card for the first time, please be formatting on the camera.
- A U3 512GB memory card is recommended, and any memory card below U3 may not function properly.

## Use Mode



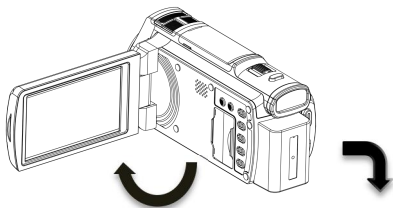
【Press the **MODE Button** to the mode menu】

	Video	Ordinary recording video.
	Slow Motion	Video with optional resolution and slow motion multiple.
	Loop Record	Use an automatic segment with an optional fixed period and automatically cover the earliest file when the memory card is full.
	Time-Lapse Video	It can compress the video process of several minutes, hours, or even a day in a short period of time and save it into video files.
	Photo	Ordinary shooting photos.
	Self Timer	Selfie.
	Photo Burst	Continuous shooting photos.
	Time-Lapse Photo	Automatic continuous photography with time intervals.



Sliding the screen left and right can switch between [Video] and [Photo] mode.

## Video

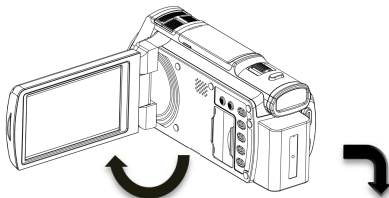


【open the screen to turn on the camera and enter the video mode.】

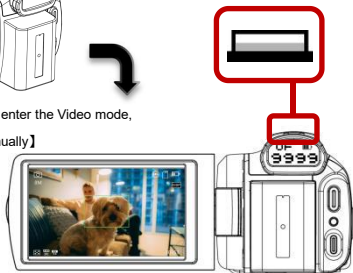


【Grasp the camera firmly, Press the **REC Video Button** to start/stop the video】

## Photo

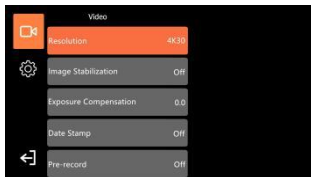
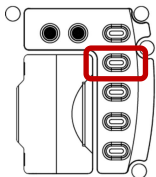


【open the screen to turn on the camera and enter the Video mode,  
switch to the Photo mode manually】



【Grasp the camera firmly, lightly press (half press) the **Photo button** to focus, and after focusing is completed,  
Hardly press (full press) the **Photo button** to take photos】

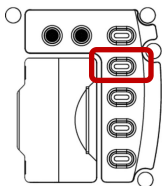
## Video Menu



**[Press the *MENU Button* in the video mode]**

Resolution	5K30/4K60/4K30/2.7K60/2.7K30/1080P60 /1080P30/720P60/720P30
Resolution and Rate	1080P 2X/720P 2X (Suitable for Slow Motion mode)
Video File Length	1 Min/3 Min/5 Min (Suitable for Loop Record mode)
Interval	1Sec/3 Sec/5 Sec/10 Sec/30 Sec/1Min (Suitable for Time-Lapse Video mode)
Duration	Unlimited/5 Min/10 Min/15 Min/20 Min/ 30 Min/60 Min (Suitable for Time-Lapse Video mode)
Image Stabilization	On/Off
Exposure Compensation	-2.0~+2.0
Date Stamp	Off/Date/Date&Time
Pre-record	On/Off
Metering	Center/Multi/Spot
White Balance	Auto/Daylight/Cloudy/Tungsten Light/Fluorescent(H)/ Fluorescent(L)/Color Temperature (3000k ~ 7000k)
WDR	On/Off

## Photo Menu

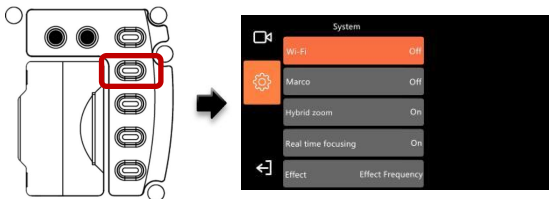



【Press the **MENU Button** in the Photo mode】

Resolution	48M/36M/30M/20M/14M/10M/8M/5M/3M/2M
Long Exposure	Off/1 Sec/2 Sec/3 Sec/4 Sec/5 Sec/6 Sec/7 Sec
ISO	Auto/100/200/400/800/1600/3200
Self Timer	2 Sec/5 Sec/10 Sec
Photo Burst	3 Shots/5 Shots/10 Shots
Interval	3 Sec/5 Sec/10 Sec/30 Sec/1 Min
Duration	Unlimited/5 Min/10 Min/15 Min/20 Min/ 30 Min/60 Min
Photo Ratio	4:3/16:9
Exposure Compensation	-2.0~+2.0
Quality	High/Middle/Low
Date Stamp	Off/Date/Date&Time
Metering	Center/Multi/Spot
White Balance	Auto/Daylight/Cloudy/Tungsten Light/Fluorescent(H)/Fluorescent(L)/Color Temperature
WDR	On/Off



## System Menu

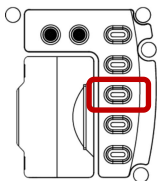


【Press the **MENU Button** in the Video/Photo mode and click 】

Wi-Fi	On/Off
Macro	On/Off
Hybrid Zoom	On/Off
Real time focusing	On/Off
TOF Ranging	On/Off
Effect	Effect Normal/BW/Natural/Negative/Warm/Contrast(H)
Light Frequency	50HZ/60HZ
Sounds	Shutter/Boot-up/Beep/Volume
Mic	High/Middle/Low
Date&Time Setup	Date&Time Setup
Time Style	YYMMDD/MMDDYY/DDMMYY
Status Display	On/Off
Screen Brightness	High/Middle/Low
Auto Power Off	Off/5 Min/10 Min
Screen Saver	Off/1 Min/2 Min/3 Min
Screen Shooting	On/Off
Language	13 Languages
Format Card	Yes/No
Factory Reset	Yes/No
Version	Camera Version

## PlayBack

### • Video

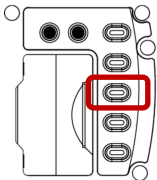


【Press the **PLAYBACK Button** in the Video mode】

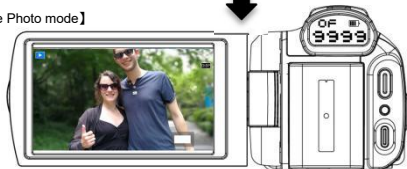


【Press the **REC Video Button** to start/stop playing】

### • Photo

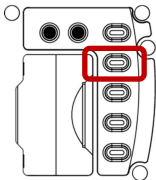


【Press the **PLAYBACK Button** in the Photo mode】



【Show the two fingers on the screen to zoom in and shrink, slide left and right to switch photos】

## ● PlayBack Menu



【Play video/photo preview, press the **MENU Button**】



Delete	Single/All
Protect	Protect This File/Unprotect This File/Protect All/ Unprotect All
Slide Show	2 Sec/5 Sec

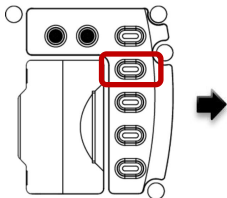
## ● Download And Install The App

- 1 Scan the QR code below to download and install directly on the phone.
- 2 Search and install "OD CAM" directly through the App Store or mobile app store.



- For Android users, please select 『Yes』 for all possible questions like 『Allow the App to obtain the permission?』 .
- The Wi-Fi function when it is waiting for more than one minute will automatically exit.
- The Wi-Fi function is point-to-point wireless connection within effective distance. The maximum distance is about 6m. Please use the function within the effective distance.
- Because of various phone brands or configurations, the process to enter the main interface may be slow or the connection may fail. Please try the connection process again.
- In case of any failure to connect Wi-Fi:
  - 1 Restart the camcorder and try the above connection steps again.
  - 2 Confirm whether the Wi-Fi password is correct, and the default password is 12345678.

● **Connect Wi-Fi**



【Press the **MENU Button** on the Standby and click 】



【Select the **WiFi** function and turn on】



【Find the Wi-Fi name **XV80-XXX** on your phone, enter the password **12345678** connection】



【Click **OD CAM** to enter】

Q1: A video may be automatically divided into several files. How can I combine them into one?

A1: You can combine them by using a video combiner in your computer. You may search [Boilsoft Video Joiner] on Google.com to download it .

Q2: Which operating systems or mobile phones is the App compatible with?

A2: The App is compatible with the following operating systems:

Android: Android 5.0, Android 6.0, Android 7.0, Android 8.0,

Android 9.0, Android 10.0, and Android 11.0;

iOS: iOS 9, iOS 10, iOS 11, iOS 12, iOS 13, , iOS 14 and iOS 15;

Regardless of the systems it is compatible with, the stability of the

App depends on the configurations of the phone as well as network conditions. The App is not Applicable to computers.

Q3: Why does my Android phone always fail in connecting to the App?

A3: After successfully connecting your phone to the Wi-Fi, please select [Yes] in case it prompts [Wi-Fi is not connected to the Internet. Will you continue using it?]



## Faults And Solution

Fault	Possible Cause and Solution
Failure to switch on	<ul style="list-style-type: none"> <li>●The camcorder has low battery. Please recharge it immediately.</li> <li>●Check whether the operating environment temperature is within 0~40°C.</li> </ul>
Failure to switch off	<ul style="list-style-type: none"> <li>●If the ambient temperature is high or the camcorder is used for an extended period, it may have excessively high temperature. Please wait a moment .</li> </ul>
Automatic shutdown	<ul style="list-style-type: none"> <li>●It's normal that the camcorder automatically shuts down after standing by for three minutes.</li> <li>●Check whether the operating environment temperature is within 0~40°C.</li> <li>●If the camcorder is used for an extended period, it may have excessively high temperature. Please wait a moment and switch it on after it cools down.</li> </ul>
Rapid battery drain	<ul style="list-style-type: none"> <li>●Battery performance degrades in low temperature. Please use it after it is preheated.</li> <li>●The battery is not fully charged. Please recharge it.</li> <li>●If the situation remains, the battery has reached it service life. Please buy a new battery.</li> </ul>
Wi-Fi signals are unstable	<ul style="list-style-type: none"> <li>●The distance is too long. Please use it within 6m (effective distance).</li> <li>●The camcorder has low battery. Please recharge it immediately.</li> <li>●The wireless signals are interfered because the camcorder is placed on a metal table or stand. Keep it away from metal.</li> <li>●The Wi-Fi signals of the phone are weak. Please use another phone.</li> </ul>
Failure to take photos/record videos	<ul style="list-style-type: none"> <li>●The memory card capacity is inadequate. Please check it immediately.</li> <li>●The memory card format is incorrect. Please use it after it is formatted.</li> </ul>
Video voice is too low	<ul style="list-style-type: none"> <li>●The sound equipment is poor or the volume is not properly adjusted. Please use other equipment or adjust the volume.</li> <li>●The distance to the sound source is too long. Please record your videos within 5m (effective distance).</li> </ul>
Dark or dim image effects	<ul style="list-style-type: none"> <li>●The ambient brightness is too low. Please supplement lighting manually.</li> <li>●The lens is not clean. Please remove the irrelevant things.</li> </ul>
Switching night vision function does not work in a dimly lit environment	<ul style="list-style-type: none"> <li>●The camera does not come with an built-in IR night vision light and requires an additional external IR night vision light to be effective.</li> </ul>

## Technical Specifications

Sensor	Sony 8.0M CMOS sensor
Aperture and focal length	F.no 1.8 ~ 2.6 f : 5.76mm~69.12mm
Screen	3.5"IPS High -Definition touch screen
Zoom	12X Optical zoom 40X Hybrid zoom
Photographing distance	wide: 0.1m~INF Tele: 0.4m~INF
File format	Video: MP4 Photo: JPEG
Video Resolution	5K :5120*2880 (30fps) 4K :3840*2160 (60fps) ( 30fps) 2.7K: 2688*1512 (60fps) ( 30fps) FHD 1080P : 1920*1080 (60fps) (30fps) HD 720P : 1280*720 (60fps) (30fps)
Photo Pixel	48M/36M/30M/20M/14M/10M/8M/5M/3M/2M
Memory medium	SDHC memory card/SDXC memory card UHS-III, 512GB (maximum)
Microphone	Built-in
Speaker	Built-in
Wireless controller	Built-in
Wi-Fi	Built-in
USB	Type-C USB 2.0
HDMI	Support
Computer OS	Windows 7/8/10/Mac OSX10.5 and above
Mobile OS	Android 5.0 and above; iOS 9.0 and above
Power input	DC5V/2A Type-C USB
Dimensions	L 143mm W 67mm H 70mm
Weight	417±5g
Storage environment temperature	-20 ~ 60℃
Working temperature	-10 ~ 40℃



 <b>Safety</b>	 <b>Warning</b>
<ul style="list-style-type: none"> <li>❶ Do not use the product in case it has any damage, fault, or unusual conditions like smoke, abnormal sound, peculiar smell.</li> <li>❷ Do not expose it to anywhere with high or low temperature, humidity, or strong vibration, for this may result in any fault or fire.</li> <li>❸ Do not use any corrosive chemicals or solvent to clean the product.</li> <li>❹ Do not disassemble, repair, or transform the product without authorization.</li> <li>❺ Do not operate it for a long time while it's being charged.</li> <li>❻ Do not let magnetic objects such as magnets Approach the product to avoid faults and data loss.</li> </ul>	<ul style="list-style-type: none"> <li>❶ Prevent dust or dirt from entering the slot and USB port. Promptly wipe off or remove them in case of such condition to avoid conditions like poor contact.</li> <li>❷ Keep the product, accessories, and packing materials out of the reach of children to avoid possible suffocations.</li> <li>❸ Do not use any USB cable other than the accessories. Use the USB cable specified only and pay attention to the followings: <ul style="list-style-type: none"> <li>· Do not damage or process the USB cable.</li> <li>· Do not heat, pull, or bend the USB cable to avoid possible fire or electric shock.</li> </ul> </li> <li>❹ Do not place the space extrusion when the camera is charged, such as the camera's optional storage bag.</li> </ul>

The pictures in the manual are for your reference only. The actual product may vary.

We reserve the ultimate power of interpretation. Any changes to the data and parameters herein may be made without further notice.

## **FCC Statement**

*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.*

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

*NOTE: 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 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.*

*The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction*



FCC ID:2ALYUHDR-XV80