

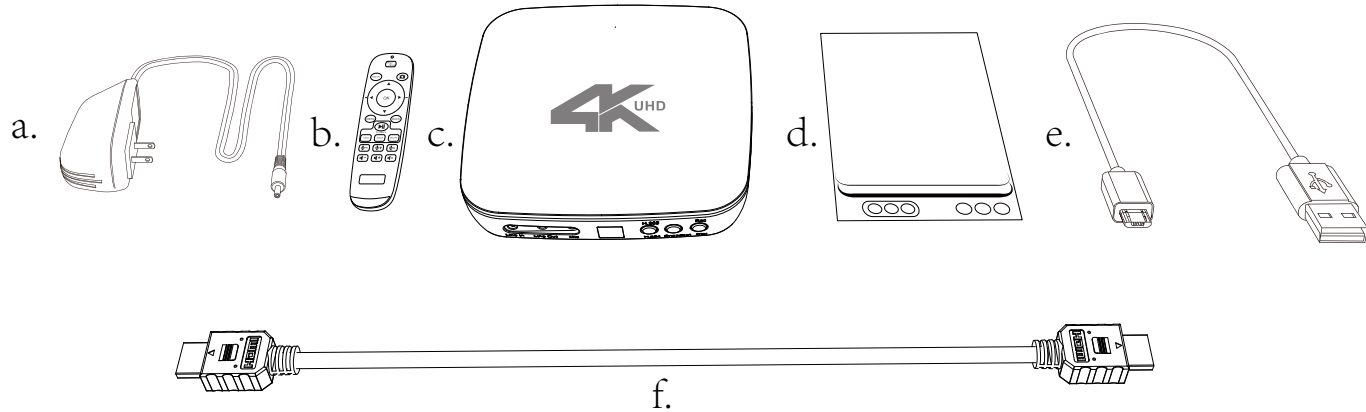


# Instruction Manual



# GETTING STARTED

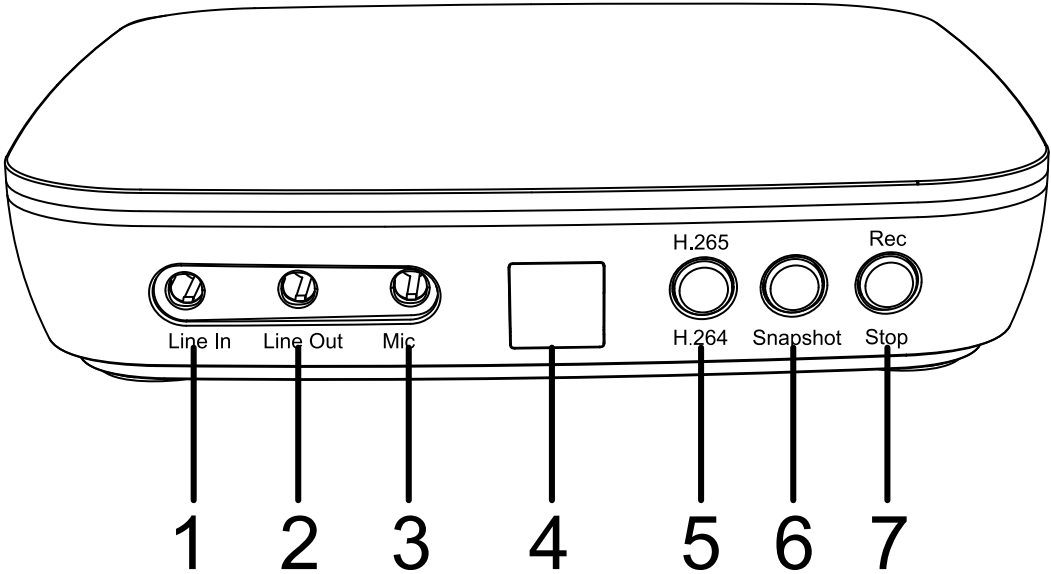
## 1.1 Box Contents



- a. Power Adapter
- b. Remote Control
- c. UHDPro

- d. User Manual
  - e. Micro B to USB cable
  - f. HDMI cable
-

# 1.2 Product Diagram

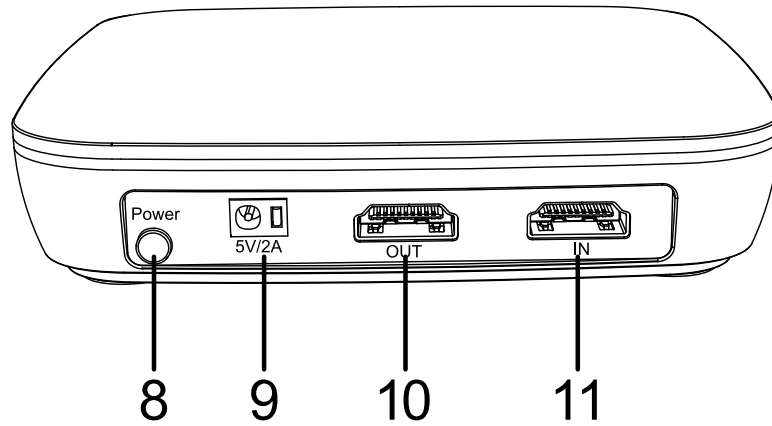


- 
1. Line In: Stereo audio inputs.
  2. Line Out: Insert the headphone plug into this jack to output the video sound.
  3. Mic: Insert the microphone plug into this jack to input voice.
  4. IR Window: Receives the IR signal from the remote control.
  5. Switch button of H.264/H.265.
  6. Snapshot button.
  7. Rec/Stop button.

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## **1.2. Product Diagram**





8. Power ON/OFF button.

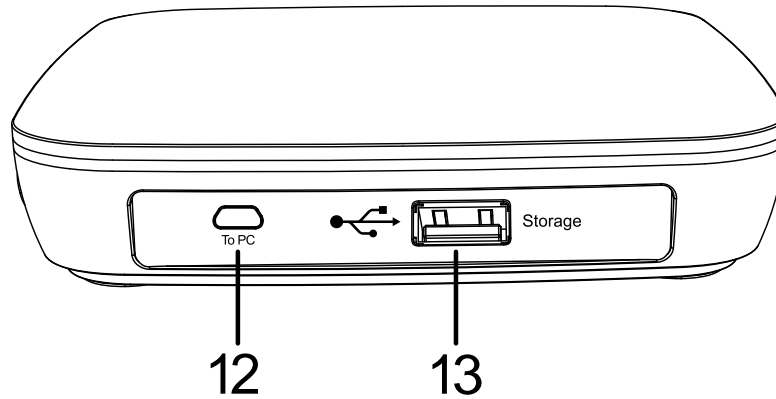
9. Power socket of 5V/2A.

10. OUT Connectan HDMI cable UHD and TV

11. IN: Connect an HDMI cabel between the video player and UHD.

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## 1.2. Product Diagram



12. TO PC Connect the Micro-USB to USB cable between PC and UHD for recording video to PC

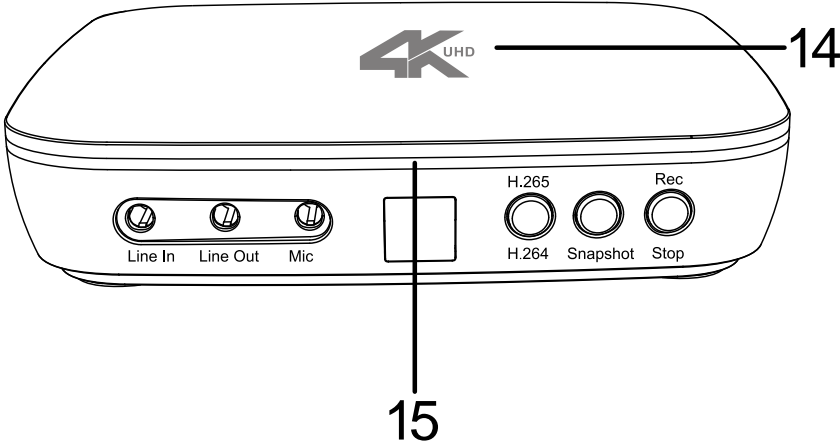
Tip: This function above must be realized with software. Please use OBS etc

13. Storage: Insert a USB flash drive or mobile hard disk and record videos to this storage medium.

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## 1.2. Product Diagram

# 1.3 Indicator Color Diagram



14. Top indicator.

15. Side indicator.

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## 1. Top indicator



- Color: Stable BLUE
- Status: Output and Recording Resolution is 4K@30Hz

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### 1.3. Indicator Color Diagram



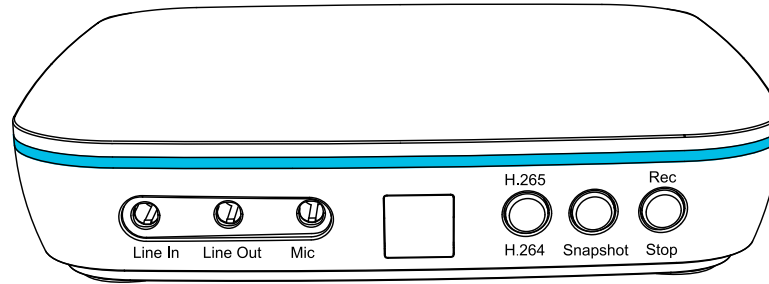
- Color: Stable GREEN
- Status: Output and Recording Resolution is 1080p@60Hz or Below
- Color: Blink BLUE&GREEN Alternately
- Status: No Input/Unsupported Input

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### 1.3. Indicator Color Diagram

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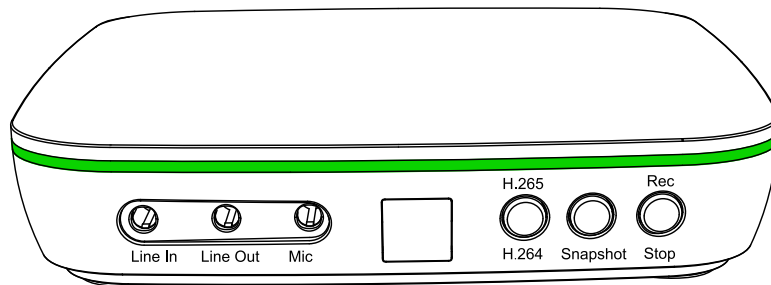
## 2. Side Indicator



- Color: Stable BLUE
- Status: Encoding Format is H.264

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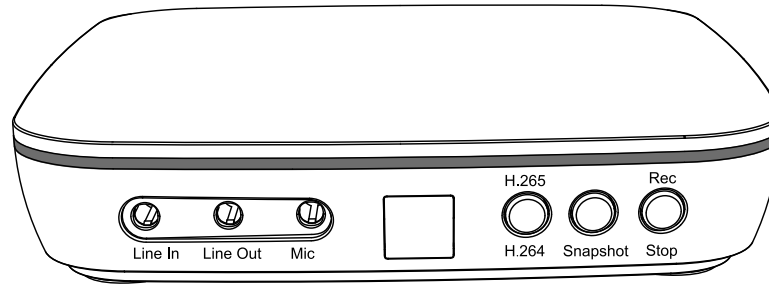
### 1.3. Indicator Color Diagram



- Color: Stable GREEN
- Status: Encoding Format is H.265

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### 1.3. Indicator Color Diagram



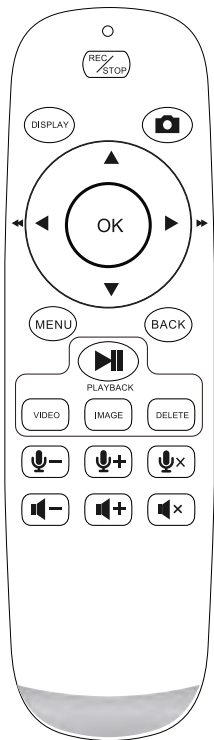
- Color: OFF
- Status: No Storage Device Connected

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### 1.3. Indicator Color Diagram




# 1.4 Remote Diagram



- REC/STOP.
- DISPLAY.  
Snapshot.
- OK button.
- Up arrow.
- Down arrow.
- Left arrow.
- Right arrow.
- MENU.  
Menu.
- BACK.  
Back button.
- Start or stop playing.
- VIDEO.  
Video playback.
- IMAGE.  
Image playback.
- DELETE.  
Delete recorded files.
- Volume down for Mic.
- Volume up for Mic.
- Mute or unmute for Mic.
- Volume down.
- Volume up.
- Mute or unmute for audio output.

**Tips:** The remote control is powered by 2 AAA batteries which are not included and need to be purchased independently.

## 2.1 DISPLAY


Please press  button on remote to display media information OSD.

- Display OSD



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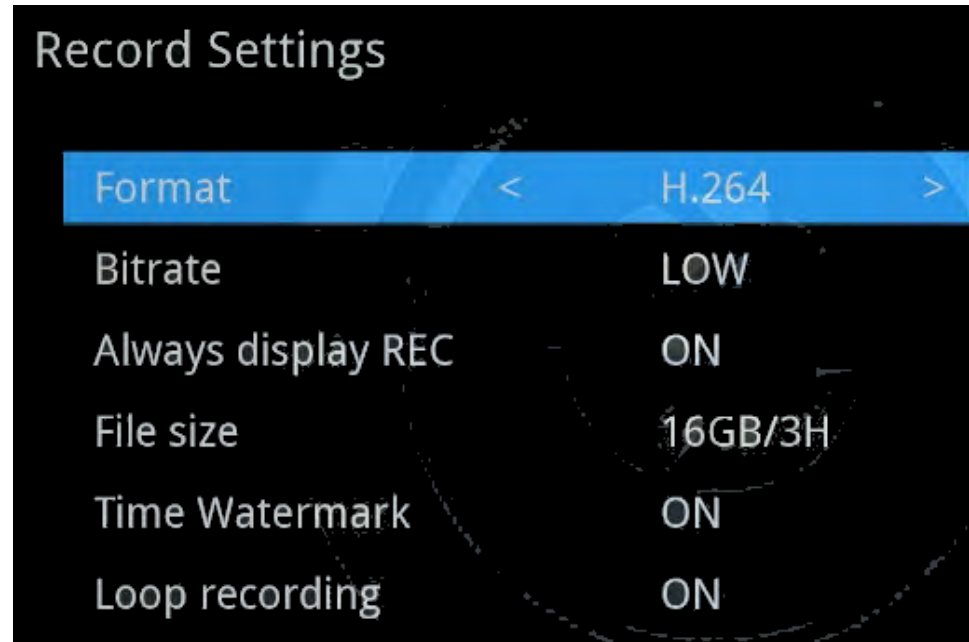
## 2.2 Settings Menu

Please press  button on remote to display settings menu.

- Show up the Settings Menu



## 1. Record settings



- **Format**

- H.264 (AVC)
- H.265 (HEVC)

- **Bitrate**

- **Bitrate set to Low**

- \* H.264: UHD 16Mbps, FHD 12Mbps, HD 8Mbps, SD 4Mbps
- \* H.265: UHD 12Mbps, FHD 8Mbps, HD 6Mbps, SD 4Mbps

- **Bitrate set to High**

- \* H.264: UHD 20Mbps, FHD 16Mbps, HD 12Mbps, SD 8Mbps

## 2.2. Settings Menu

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\* H.265: UHD 16Mbps, FHD 12Mbps, HD 8Mbps, SD 4Mbps

The bitrate can be set, the compression bitrate is related to the video compression format and resolution.

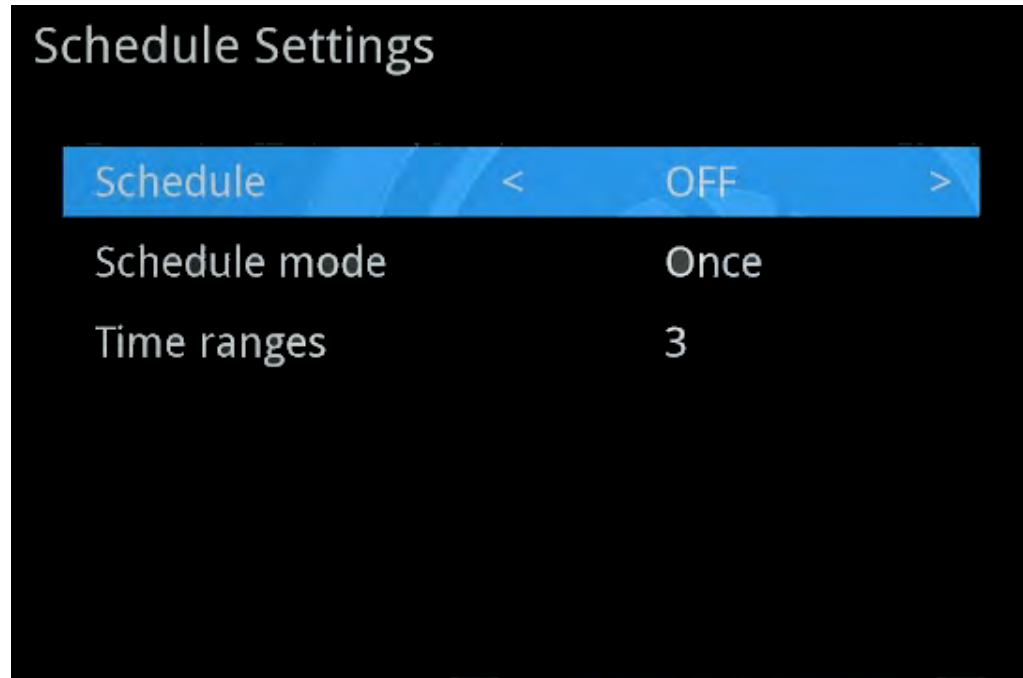
- **Always display REC**
  - ON: It will always display “REC” during recording.
  - OFF: “REC” only shows up at the beginning of recording, and will disappear in a few seconds
- **File size**
  - 16GB/3H: Single file max size up to 16GB or 3 hours
  - 2GB/3H: Single file max size up to 2GB or 3 hours
  - 4GB/3H: Single file max size up to 4GB or 3 hours

TIP: Using FAT32 USB storage devices, the single recorded file will be 4GB at most due to the limitation of FAT32 format.

- **Time Watermark**
  - ON: It will display time watermark during recording.
  - OFF: No time watermark displayed on screen.
- **Loop recording**
  - ON: Enable loop recording. Under this setting, when the USB storage device is full, it will keep recording and previous files will be overwritten.
  - OFF: Disable loop recording. Under this setting, when the USB storage device is full, it will stop recording automatically.

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## 2. Schedule settings

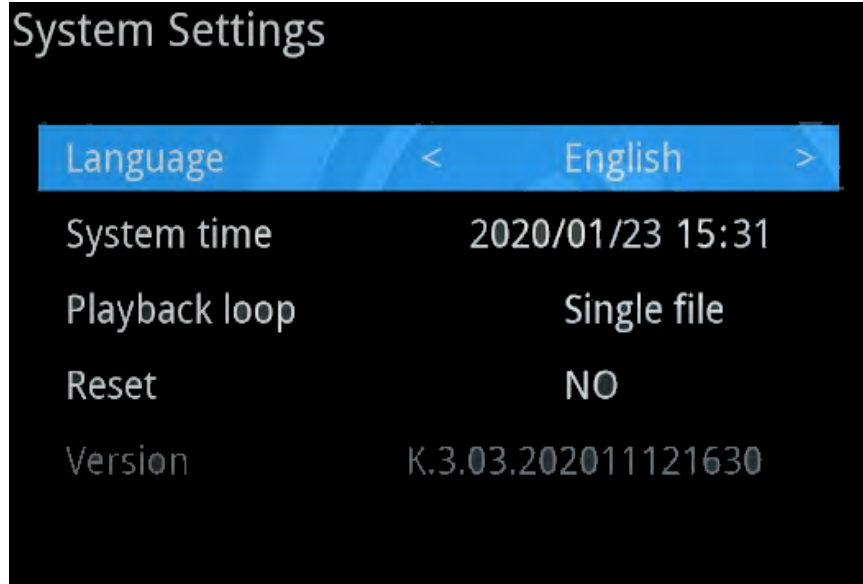


- **Schedule**

- ON: Enable schedule recording.
- OFF: Disable schedule recording.

- **Schedule mode :**
  - Once
  - Every Day
- **Time ranges** Max task number is up to 3

### 3. System settings

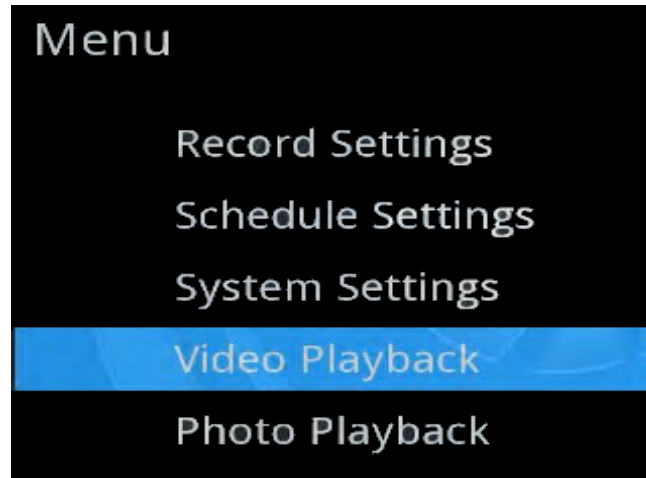


- **Language**
  - English
  - Simplified Chinese.
- **System time**
  - yyyy-mm-dd hh-mm
- **Playback loop**

- 
- Single file: Play a single file in a loop.
  - Full list: Play the whole file list in a loop.
  - OFF: Disable playback loop function.
  - **Reset** Restore Factory Default Settings.
  - **Version** Firmware version is only for developers' references.

#### 4. Video playback

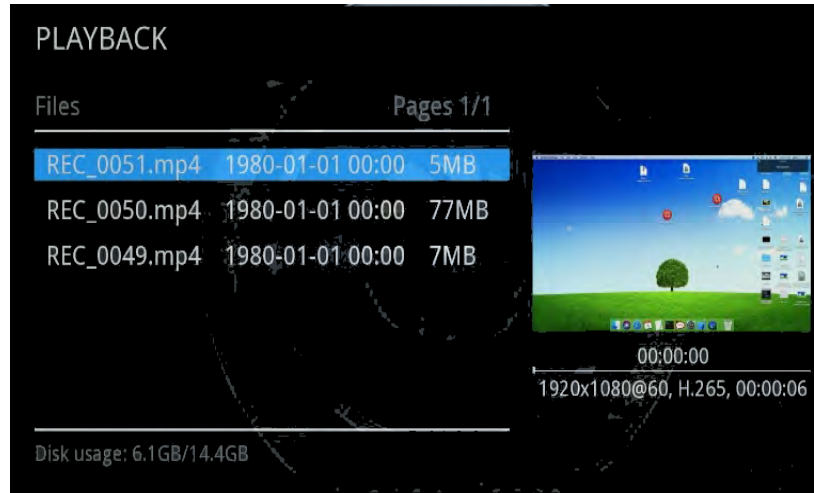
After recording, make sure USB flash drive is connected to UHD PRO. Press MENU button on remote and select “Video playback” or press VIDEO button on remote to enter “Video playback” interface directly.





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Choose the file you want to play back by using the four arrow buttons on the remote control, and press PLAYBACK button on remote to start/pause playback. You also can enter fullscreen by pressing OK button on the remote control.

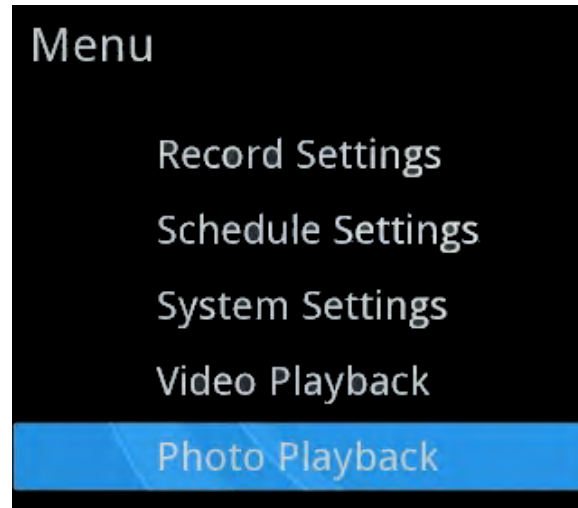


## 5. Photo playback

UHD PRO supports photo playback, please press MENU button on remote and select “Photo playback” or press IMAGE button on remote to enter “Photo playback” interface directly.

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## 2.2. Settings Menu

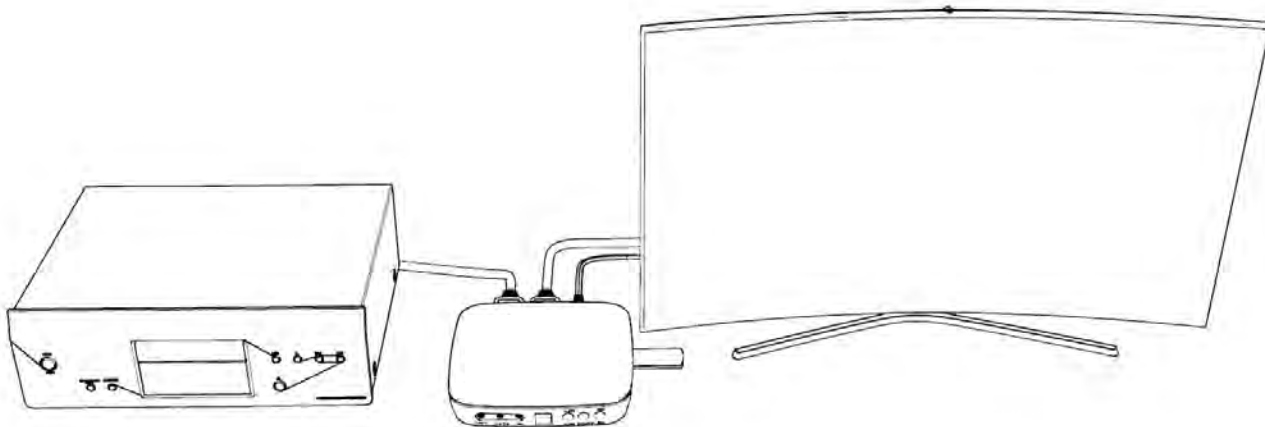


Select the photo you desired by using the four arrow buttons on the remote control. It will display fullscreen by pressing OK button.

# RECORD VIDEOS TO THE USB STORAGE DEVICE

## 3.1 Connect

1. Connect the video player to IN port on UHD Pro via an HDMI cable.
2. Connect UHD Pro from OUT port to TV via an HDMI cable.
3. Plug the USB storage device into UHD Pro.
4. Plug the power adapter into the power socket and plug the other end into the 5V/2A port of UHD Pro.
5. Power on UHD Pro after all devices and cables are well connected.



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## Tips:

Please use a premium USB flash drive or mobile hard disk with high speed to avoid unexpected problems such as file loss.

## 3.2 Record videos

You can select to use the function buttons on UHD Pro to record or use the remote of UHD Pro to record. Please check out details below.

- Record videos with the buttons on the front panel of UHD Pro
1. Power on all devices, the video image from the video player will be displayed on TV and the LED will illuminate solid blue or solid green. Solid blue indicates the output resolution is 4K30 and solid green indicates the output resolution is 1080p60 or below. If the top LED is blinking blue and green alternately, that indicates there is no input signal detected.
  2. Before recording, you can easily switch to H.264 or H.265 by pressing H.264/H.265 button on the front panel of UHD Pro. This option should be done with USB storage device connected to UHD
  3. Press the Rec/Stop button on UHD Pro, then the LED will blink blue or green, which indicates UHD Pro is in the process of recording.



4. Press the Rec/Stop button again on UHD Pro, then the LED will blink blue/green alternately, which indicates the recorded video is being saved.
  5. When the LED turns solid blue or solid green from blinking blue/green alternately, it indicates the video has been saved successfully.
  6. You can playback the recorded files on UHD Pro directly or on PC or on a smart TV.
- Record videos with the remote included with UHD Pro

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### **3.2. Record videos**

- 
1. Power on all devices, the video image from the video player will be displayed on TV and the LED will illuminate solid blue or solid green. Solid blue indicates the output resolution is 4K30 and solid green indicates the output resolution is 1080p60 or below. If the top LED is blinking blue and green alternately, that indicates there is no input signal detected.
  2. Before recording, you can easily switch to H.264 or H.265 by pressing H.264/H.265 button on the front panel of UHD Pro. This option should be done with USB storage device connected to UHD

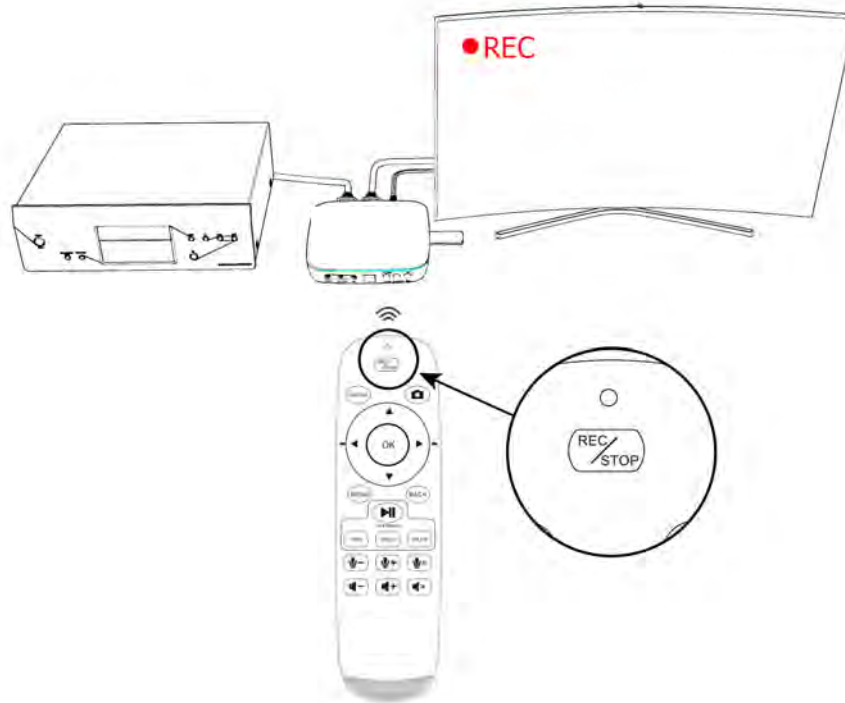


3. Press the Rec/Stop button on the Remote of UHD Pro, then the LED will blink blue or green, which

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### **3.2. Record videos**

indicates the capture box is in the process of recording.



4. During recording process, you can adjust the volume of HDMI IN at any time. If you got Mic connected, you also can adjust the volume of Mic during recording by pressing the volume up/down button on the Remote.


### 3.2. Record videos

- 
5. Press the Rec/Stop button again on the Remote, then the LED will blink blue/green alternately, which indicates the recorded video is being saved.
  6. When the LED turns solid blue or solid green from blinking blue/green alternately, it indicates the video has been saved successfully.
  7. You can playback the recorded files on UHD Pro directly or on PC or on a smart TV.

Note: DO NOT remove the USB storage drive from UHD Pro in the process of recording (Flashing Blue/Green LED indicates it's still in the process of recording.)

## 3.3 Take Snapshots

1. Using the Remote included with UHD Pro to take a snapshot.

Press  on the remote control to take a snapshot.

2. Using the buttons on the front panel of UHD Pro.

Press “Snapshot” button on the front panel of UHD Pro to take a snapshot.

You can playback the snapshots on UHD Pro directly or on PC or on smart TV.

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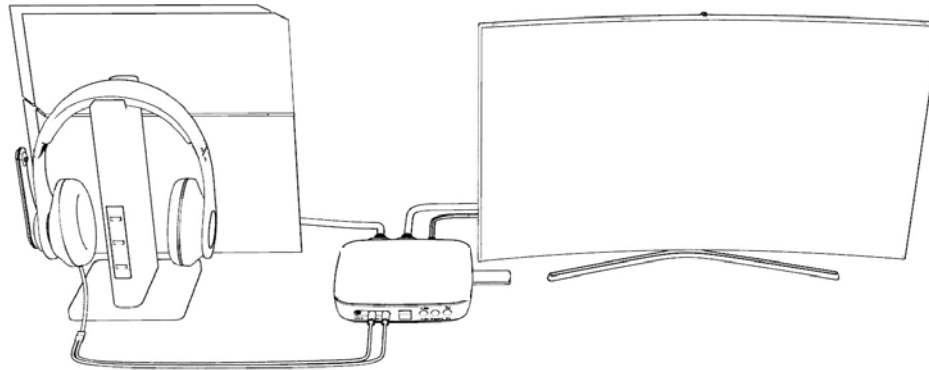
### 3.3. Take Snapshots



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## 3.4 Record live commentary or voice-over

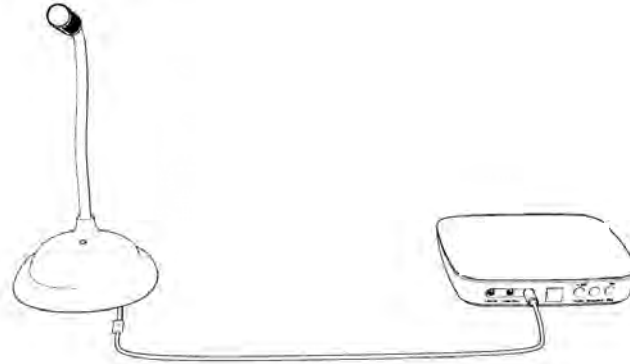
UHD Pro can capture and mix dual audio channels coming from game console and your microphone. Capture your live commentary with the microphone jack, which is built into UHD Pro. Plug a microphone and then capture your gameplay with your live voice!



- Connect MIC

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It is compatible with most 3.5mm audio standard MICs, you can mix your voice into source video.



It will be shown in display OSD as “MIC ON”

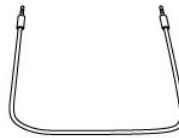
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### **3.4. Record live commentary or voice-over**



- Connect Line in

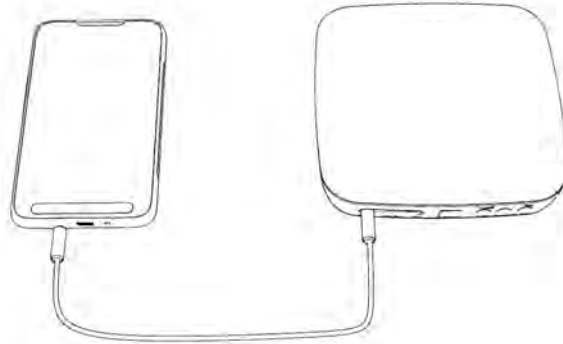
Line in socket is compatible with 3.5mm audio connector, such as audio mix device, mp3 players and cell phones.



You can easily mix audio via “Line in” by using 3.5mm audio cable connected to audio devices.

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### **3.4. Record live commentary or voice-over**

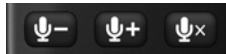


After connected audio device to “Line in” , it will directly mix audio to HDMI embedded audio. It also can be monitored from “Line out” and output devices.

- Adjust Mic volume using the Remote

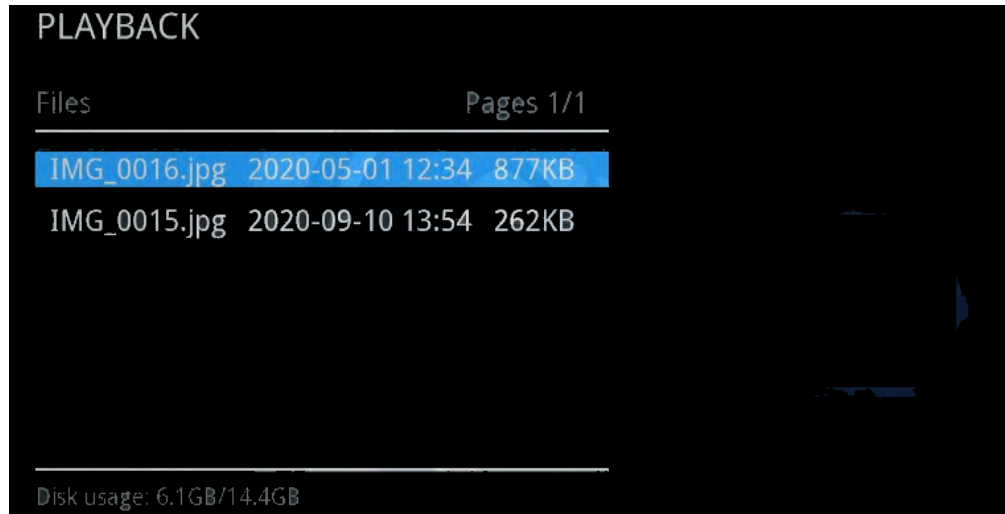
You can press volume up/down button on the Remote control of UHD Pro to adjust the volume of Mic.

The up/down buttons on the Remote control:



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### 3.4. Record live commentary or voice-over



- Fullscreen playback  
Select your desired file by using the four arrow buttons on the remote control. You can preview the files and press “OK” button to fullscreen playback.

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#### 4.1. Playback the Recorded media files on UHD Pro directly

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- Quick solutions

If you got problems in the process of playback, Please try the steps below:

1. Please make sure that your USB stick/external hard drive works well. You can change another one to confirm it or format it to resolve it.
2. Please adjust resolution to test again.
3. If the methods don't work, refer to the link above to format your USB stick/external hard drive to fix it.

## **4.2 Playback the Recorded media files on TV**

- Connect

1. Plug the USB flash drive to the USB socket of a smart TV which has built-in media file playback function.
2. Power on the smart TV

- Steps

1. After files are successfully saved to USB flash drive, plug the USB flash drive to the USB socket of a smart TV which has built-in media file playback function.



2. Launch USB device on smart TV, then playback the files UHD Pro recorded.

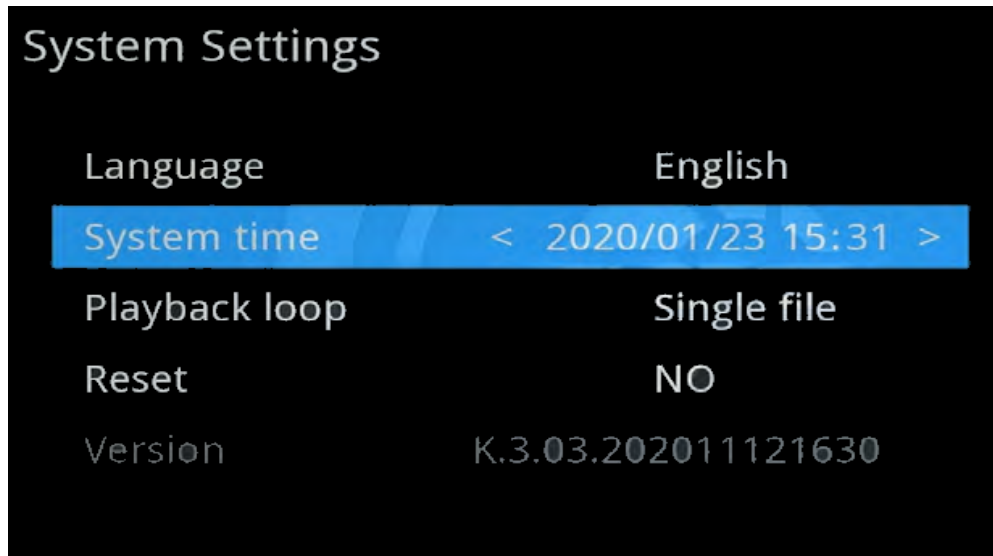


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#### **4.2. Playback the Recorded media files on TV**

## 5.1 Set the system time

Press the MENU button on the remote control. Select System settings in the OSD menu. Set the system time by using the four arrow buttons on the remote control. Then press BACK on the remote to finish the setting.

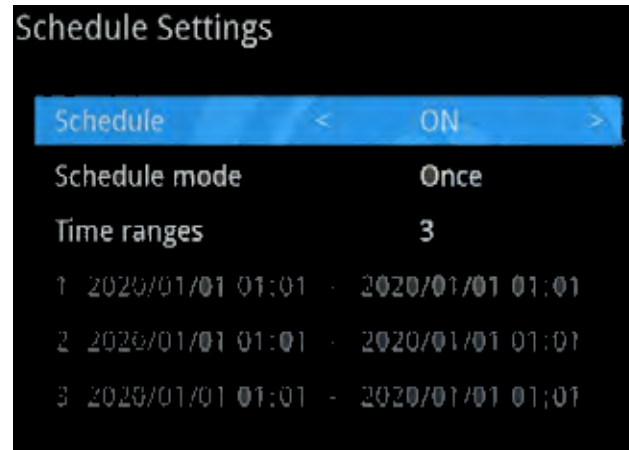




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## 5.2 Set the schedule

Set the schedule mode, start time and finish time by using the four arrow buttons on the remote control. Then press BACK button on remote, it will save the scheduled tasks automatically.



Then UHD Pro will start to record videos automatically at the scheduled time.

Note: If you want to record certain TV channel' s video, do select the TV channel first.

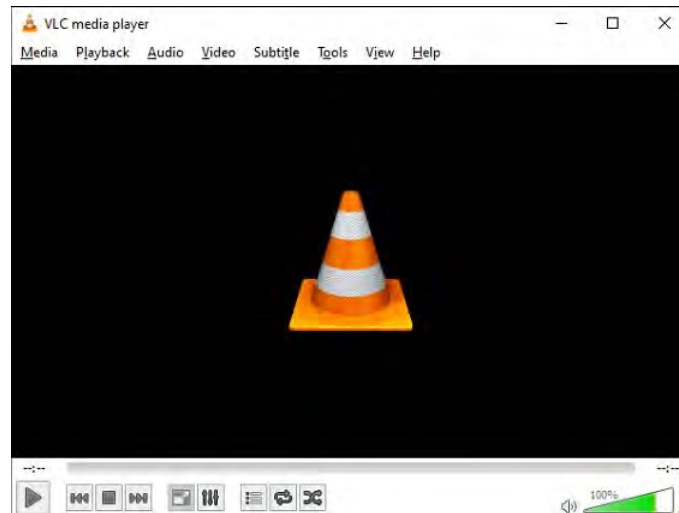
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# Install VLC player (Windows, Mac, and Linux Users)

VLC is a free and open source cross-platform multimedia player and framework that plays most multimedia files as well as DVDs, Audio CDs, VCDs, and various streaming protocols. Download and start streaming quickly and easily on Windows, Mac or Linux.

Please install VLC and run it on your computer.

**Tip:** You can click [here](#) to download VLC.

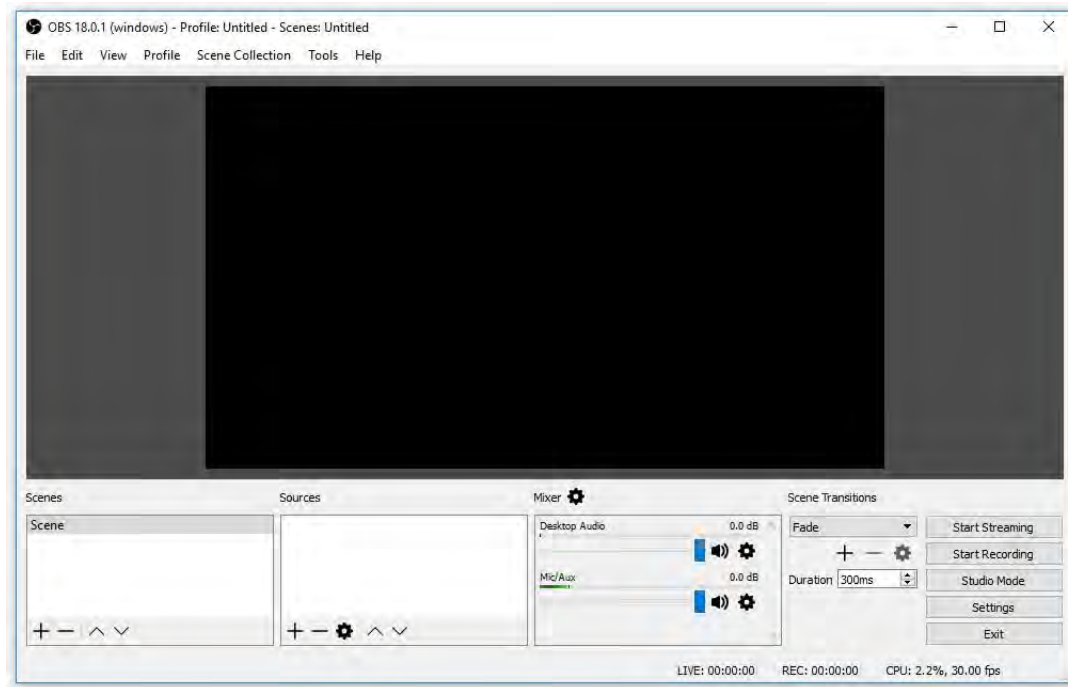


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## Install OBS Studio

Please install Open Broadcaster Software (OBS Studio) and run it on your computer. If you are Mac/Linux users, please download OBS Mac/Linux version accordingly.

**Tip:** You can click [here](#) to download Open Broadcaster Software (OBS Studio).



## Install OBS Studio

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Input Resolution	Output Resolution	Recorded Resolution
3840x2160(60Hz)	1920 x1080(60Hz)	1920 x1080(60Hz)
3840x2160(50Hz)	1920 x1080(50Hz)	1920 x1080(50Hz)
3840x2160(30Hz)	3840x2160(30Hz)	3840x2160(30Hz)
3840x2160(24Hz)	3840x2160(25Hz)	3840x2160(24Hz)
1920 x1080(60Hz)	1920 x1080(60Hz)	1920 x1080(60Hz)
1920 x1080(50Hz)	1920 x1080(50Hz)	1920 x1080(50Hz)
1080i60	1080i60	1080p30
1080i50	1080i50	1080p25
720p60	720p60	720p60
720p50	720p50	720p50
576p50	576p50	576p50
480p60	480p60	480p60

### **Does UHD Pro work with an over-2TB external hard drive?**

Yes, UHD Pro works with an over-2TB external hard drive.

For UHD Pro, it works with all formats of USB sticks(NTFS, FAT32, exFat) and external hard drives(MBR and GPT). FYI. Due to the maximum capacity limitation of FAT32 and NTFS format, if you use an over-2TB external hard drive and don't want to partition it, please format it to exFAT, it will work. If you want to use NTFS/FAT32, please partition it first, it will work.

File system limitations:

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FAT: The single file can be 2GB at most. The maximum capacity of the partition is 2GB.

FAT32: The single file can be 4GB at most. The maximum capacity of the partition is 128GB.

NTFS: The single file can be 2TB at most. The maximum capacity of the partition is 2TB.

exFAT: Theoretically, there's no limitation on the single file's size and maximum capacity of the partition.

### **Why does the recorded file split into multiple segments?**

Using exFAT/NTFS USB storage devices, the single recorded file will be 16.7GB at most. Using FAT32 USB storage devices, the single recorded file will be 4GB at most due to the limitation of FAT32 format.

Note: The single file length is also limited to 3 hours. If the size of the video file has not reached 4GB/16GB but the length exceeds three hours, it will also generate a new video file.

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# PRODUCT SPECIFICATIONS

Input	1920x1080 640x480, 720x480, 720x576, 800x600, 1024x768, 1280x720, 1280x1024, 600x1200, 1920x1080, 3840x2160(60HZ, 30HZ, 24HZ)
Output	640x480, 720x480, 720x576, 800x600, 1024x768, 1280x720, 1280x1024, 600x1200, 1920x1080, 3840x2160(30HZ, 25HZ)
Recording	Up to 3840x2160(30fps)
Output format	H.264, H.265
Video standard (input)	HDMI 2.0 standard
Input signal	HDMI, Line in, Mic
Output signals	HDMI (pass-through), USB, Line out
Max transmission bitrate	480 megabytes
Bitrate	Max: 20Mbps
Weight	8.5 oz
Dimensions	4.6 x 4.6 x 1.1 inches