

4K Video Recorder

Record 4K Videos & Playback instantly



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Important Safety Instruction

Before using 4K Video Recorder, please ensure that you read and understand the safety precautions as below:

1. Do not attempt to open the case of 4K Video Recorder or modify in any way as this will void the warranty.
2. Keep 4K Video Recorder away from water and any liquid as this may cause the unit to malfunction.
3. 4K Video Recorder may become warm during the use. This does not indicate malfunction.
4. Do not place heavy objects on 4K Video Recorder as this may cause the unit to overheat and malfunction.
5. If the exterior of 4K Video Recorder requires cleaning, wipe it with a soft dry cloth.
6. Do not dispose the unit via conventional domestic waste.

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What's included



a. 4K Video Recorder b. HDMI cable c. AV cable d. Power Adapter (USA /European type)
e. USB power cable f. Remote Control g. User Manual

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Remote Control Diagram & Explanation



- Power:** Turn on/off LCD
- Mode:** Switch device mode
- Up/down arrows:** Go up or down in menu or adjust speaker volume
- Right/left arrows:** Adjust mic volume
- OK:** Confirm a selection
- Back:** Go back
- Play:** Play a recording
- Settings:** Open the settings menu
- Camera:** Take a screenshot
- Record:** Start recording to USB/SD
- Stop:** Stop playback

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Connectors / Indicators / Buttons



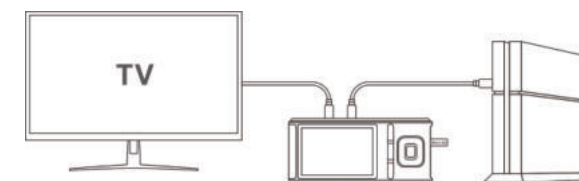
1. **LED indicators:** The 4K Video Recorder is power on when red light is on; red light blinks during recording. The Red light is on when the Recorder is charging.
2. **Power:** Press 3 secs long to turn on/off.
3. **Earphone:** Earphone output with Microphone input interface.
4. **AV IN:** earphone jack for CVBS video + L/R Audio input.
5. **HDMI IN:** HDMI input
6. **HDMI OUT:** HDMI output.
7. **USB:** for plugging into an external USB storage device.
8. **Menu/Back:** Press this button to enter or exit menu.
Vol+/-, Mic+/-: Press these buttons to Control Speaker/Microphone volumes.
Mode: Switch among Record/Photo/Playback preview.
Rec/Stop: Short press to start/stop recording in record preview state. In photo preview state, short press to capture a photo.
9. **microSD:** Memory storage card
10. **DC input 5V/2A:** DC jack for USB power adaptor

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Standalone Mode Connection Instruction and installation

1.Installation

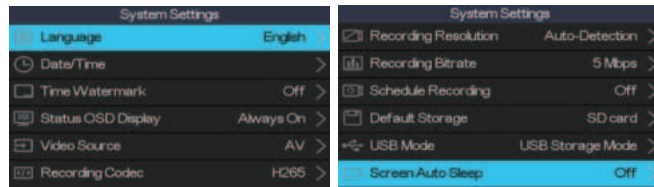
- (1) Connect power adapter to DC jack 10 of 4K Video Recorder
- (2) Connect video source (PS, Xbox, Blu-ray player, Receivers, etc) to 4K Video Recorder by HDMI in 5 or AV in 4
- (3) Connect 4K Video Recorder from HDMI OUT 6 to TV with HDMI cable.
- (4) Plug the USB storage device into the USB 7 or insert Micro SD card to 9 of 4K30 Video Recorder



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2. OSD Menu

Press **Menu** button to browse the menu setting as below.



Language: Set the OSD language to be displayed on the menu. English, Italian, Japanese, French, Russian, Korean, Thai, Deutsch, Spanish, Portuguese, Simplified Chinese and Traditional Chinese are available.

Date/Time: Set the time by year, month, day, hour and minute, second.

Time Watermark: Choose Open or Close to set the time watermark on screen and recording.

OSD Status – Choose to have OSD Always On, Auto Hide or Rec Timer Only.

Video Source: Select input video source:HDMI or AV.

Recording Codec: Select H265 or H264.

Record Resolution: Choose 4K30, 1080p60 or 720p60.

Recording Bitrate: Choose 30/25/20/15/10/5 Mbps.

Schedule Recording: Choose to record Once, Daily, Weekly, or Off.

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Default Storage: Select the default storage device to microSD card or USB disk. It will set to the other one if this default storage is not available.

USB Mode: Select the USB Host mode (USB Storage Mode, record/playback the USB flash drive or USB HDD) or USB Device Mode (PC Storage Mode, PC Streaming Mode, see PC Mode for details).

Screen Auto Sleep: choose 10sec, 30sec, or 1 minute to turn off screen to save battery power.

Choose OFF to keep the screen always On.

Format: Format the inserted microSD card or USB flash drive.

Factory Reset: Restore to factory settings.

Firmware Version: Shows the current version info.

3. Record/Capture to USB or microSD card

- (1) After finishing the setup, press the Menu button to return to the preview mode.
Connect the Recorder to video source via HDMI or AV cable.
- (2) Insert the microSD card or connect USB storage to the Recorder.
- (3) Press Rec/Stop button or press Rec button on the remote control to start recording.
- (4) Press the Rec/Stop button again on the Recorder or press the Stop button on the remote control to stop recording.

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Product Specifications

Supported Video Resolutions	
Input	3840x2160(60p/50p/30p/25p/24p) 1920x1080(60p/50p/30p/25p/24p) 1920x1080(60i/50i) 1280x720(60p/50p) 720x480(60p) 720x576(50p)
HDMI Output	3840x2160 (60P)
Recording	HDMI: 3840x2160(30P)/1920x1080(60p)/ 1280x720(60p) AV: Auto-Detection 720x576,720x480 / 640x480(4:3)
Output format	MP4 (H.264/ H.265)
CVBS standards (input)	NTSC, PAL,
Input signals	HDMI, AV, MIC (CTIA), Micro USB ,
Output signals	HDMI, Micro SD, USB, Earphone, Speaker
Supported file system	FAT32, NTFS, exFAT
Recording capacity	Maximum 32GB per file(NTFS, exFAT), 4GB per file(FAT32)
Recording Bitrate	4k - 30Mbps,1080p-20Mbps
Maximum storage capacity	2TB (HDD), 512GB (USB Flash drive), 512GB (microSD card)
Power supply	DC 5V, 2A

Trouble Shooting

- (1) **The 4K Video Recorder doesn't show video on LCD screen.**
Please make sure the HDMI or AV source input is connected & selected properly. For HDCP video source, video could not be seen LCD screen/HDMI display unless switching HDCP off from video source.

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NOTE:

- It will automatically generate the file name when recording starts, the name rule is date + index.mp4.
- The 4K Video Recorder supports FAT32, NTFS & exFAT formats. The 4K Video Recorder automatically generates a new recording file when previous file reaches the maximum 4GB (FAT32), 32G (NTFS, exFAT) capacity.
- When HDD or USB storage is full, 4K Video Recorder will stop recording automatically.
- 4K Video Recorder saves files in MPEG4 format. Please note that not all games/video are output at 1080p.

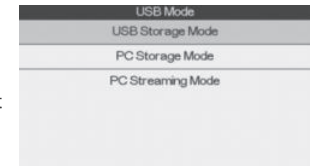
4.Playback

- (1) After all devices are connected properly, press the Playback button on the remote control to enter the playback preview menu.
- (2) You will see the status bar showing the file list with current/total index. Select the file and press OK to start playback.

PC Mode

1.Installation

Connect the micro USB cable between **USB TO PC** port of 4K Video Recorder and the USB port of PC. Select USB Mode from the menu, and it will show as below.



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- (1) **USB Storage Mode:** record/playback video on USB Flash Drive / USB HDD/ Micro SD.
- (2) **PC Storage Mode:** PC detects the Recorder as an external storage like USB Disk
- (3) **PC Steaming Mode:** The Recorder works as a webcam connected to PC; so the PC software (OBS/XSplit) can record & live-stream video sent from Recorder.

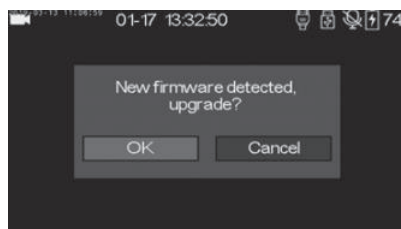
Note:

The PC Mode requires high performance Windows computer used in this case, otherwise you may see "WARNING: High encoding CPU usage! Consider turning down settings."

2. Firmware Upgrade

Save new firmware on USB Flash Drive or microUSB card and connect it to Recorder

When the Recorder detects new firmware, it will automatically ask if you want to upgrade the firmware as below picture. Select OK to upgrade new firmware.



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- (2) **The 4K Video Recorder screen freezes.**
You can always long press Power button until turn off to reboot the device.
- (3) **The 4K Video Recorder is not recording.**
Please make sure the proper source input is selected.
Please make sure the storage device USB disk or Micro SD card inserted.
- (4) **There is no sound in speaker, headset or recording.**
Please make sure the volume is unmuted and speaker/headset volume is properly adjusted. Make sure your headset is 3.5mm CTIA type.
- (5) **There is no file preview on Playback menu.**
Please make sure there are recordings in the USB disk or microSD card.
If you copy the external files to USB disk or microSD card, videos should be saved in video folder, pictures should be saved in photo folder. Not all the video files could be detected & playback.
- (6) **Insufficient power for USB HDD**
USB HDD will consume more power, embedded battery of Recorder may not provide enough current, please connect 5V/2A DC power before connecting to USB HDD. For 3.5" HDD, please connect its own DC power.
- (7) **Playback recorded file on PC doesn't run smoothly**
Playing high bit rate recordings requires high performance Windows PC. Please use gaming PC or powerful player such as Blu-ray DVD (with USB support) or Android TV box.

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