

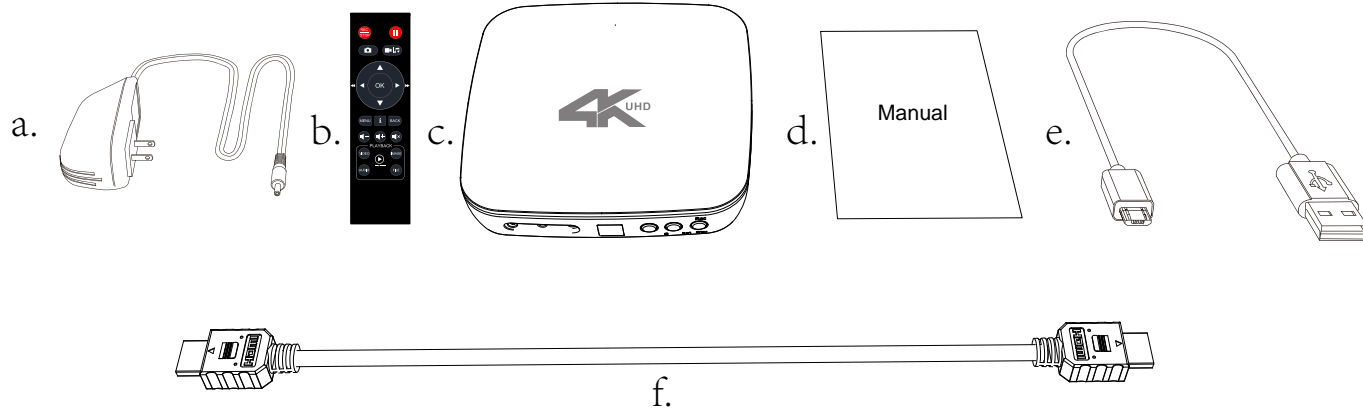


Instruction Manual



GETTING STARTED

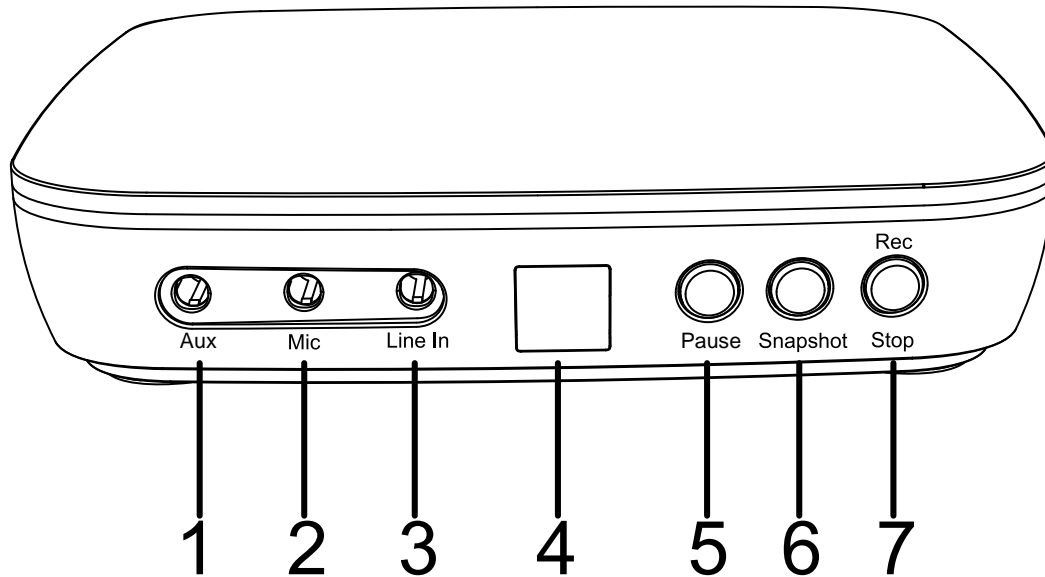
1.1 Box Contents



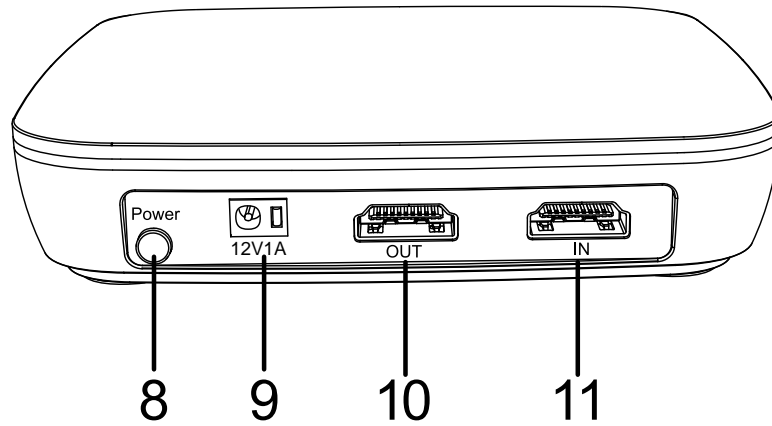
- a. Power Adapter
- b. Remote Control
- c. 4K Recorder BOX

- d. User Manual
 - e. Typec cable 3.0
 - f. HDMI cable
-

1.2 Product Diagram

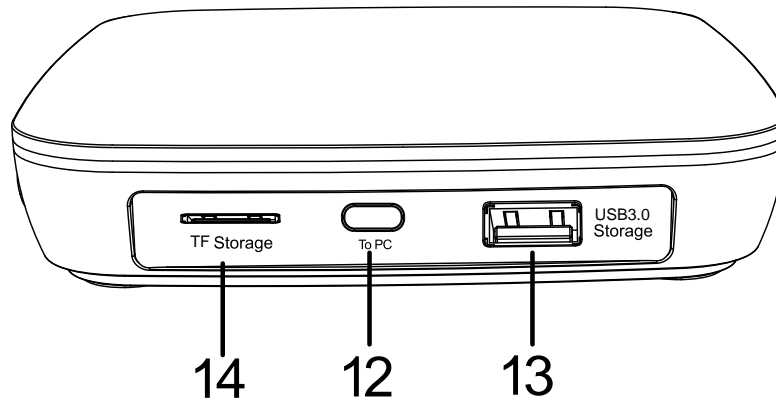


1. AUX:TRRS
2. Mic: Insert the microphone plug into this jack to input voice.
3. Line In: Stereo audio inputs.
4. IR Window: Receives the IR signal from the remote control.
5. Pause: Can be paused during recording.
6. Snapshot button.
7. Rec/Stop button.



- 8. Power ON/OFF button.
- 9. Power socket of 12V/1A.
- 10. OUT:4K60Hz Connect HDMI and bypass to TV
- 11. IN: 4K60Hz Connect HDMI

1.2. Product Diagram



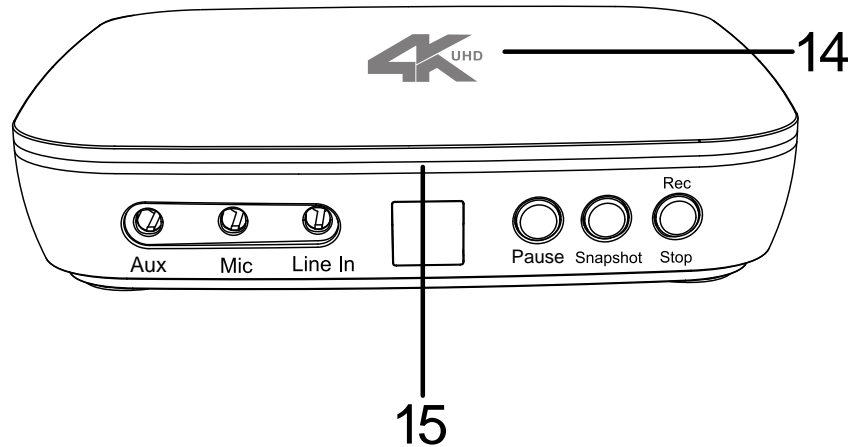
- 12. TO PC Connect the TYPEC to USB cable between PC and UHD for recording video to PC
Tip: This function above must be realized with software. Please use OBS etc
- 13. Storage: USB flash drive or hard disk (USB CAM 720P/1080P or Capture card)
- 14. Storage: Insert a TF record videos to this storage medium.

1.2. Product Diagram

1.3 Indicator Color Diagram

14. Top indicator.

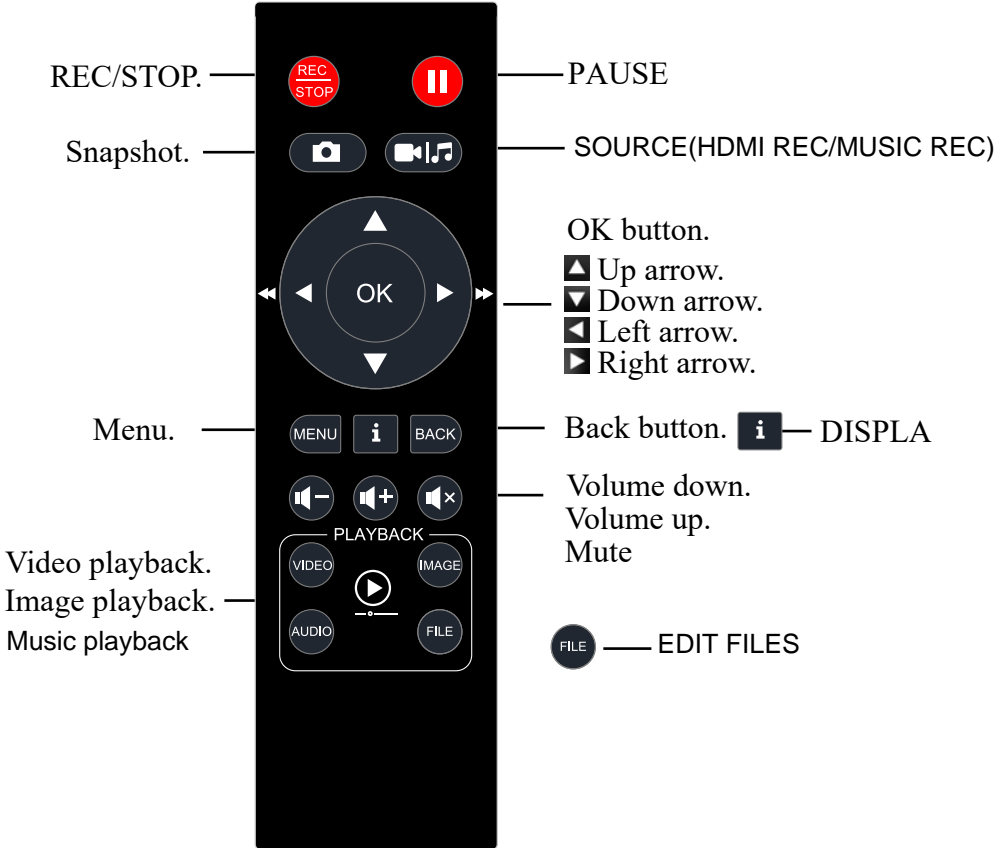
HDMI signal input detected, the logo light on 4K input is green, the logo light on below 4K input is blue and the logo flashes once is for screenshot, LOGO light flashes there is no signal



15. Side indicator.

- a. Selecting a USB drive for storage, the ring light will turn green and when recording to the USB drive, it will flash green
- b. Selecting a TF card for storage, the ring light will turn blue and when recording to the TF card, it will flash blue
- c. When there is no storage device, the ring light does not light up

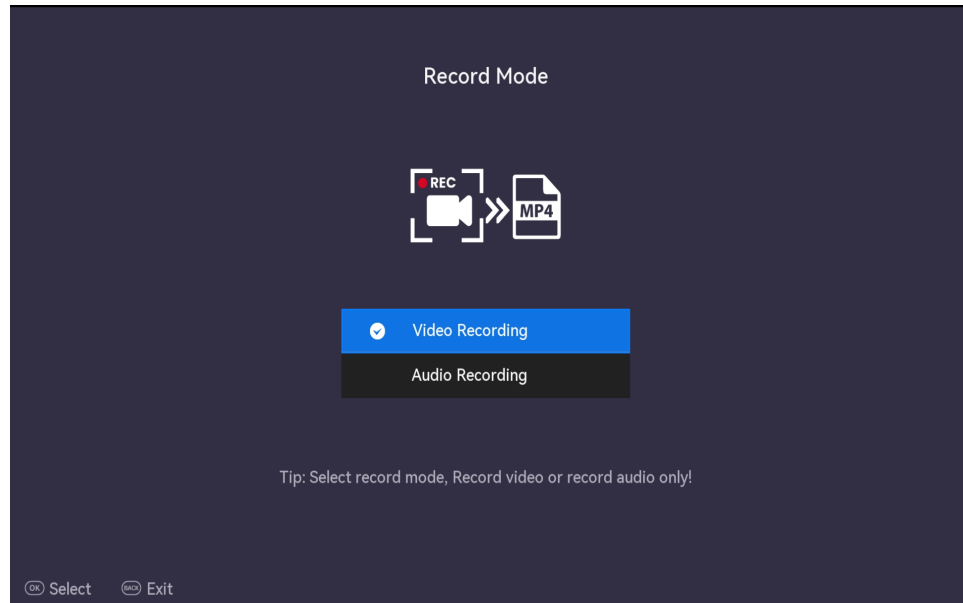
1.4 Remote Diagram



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

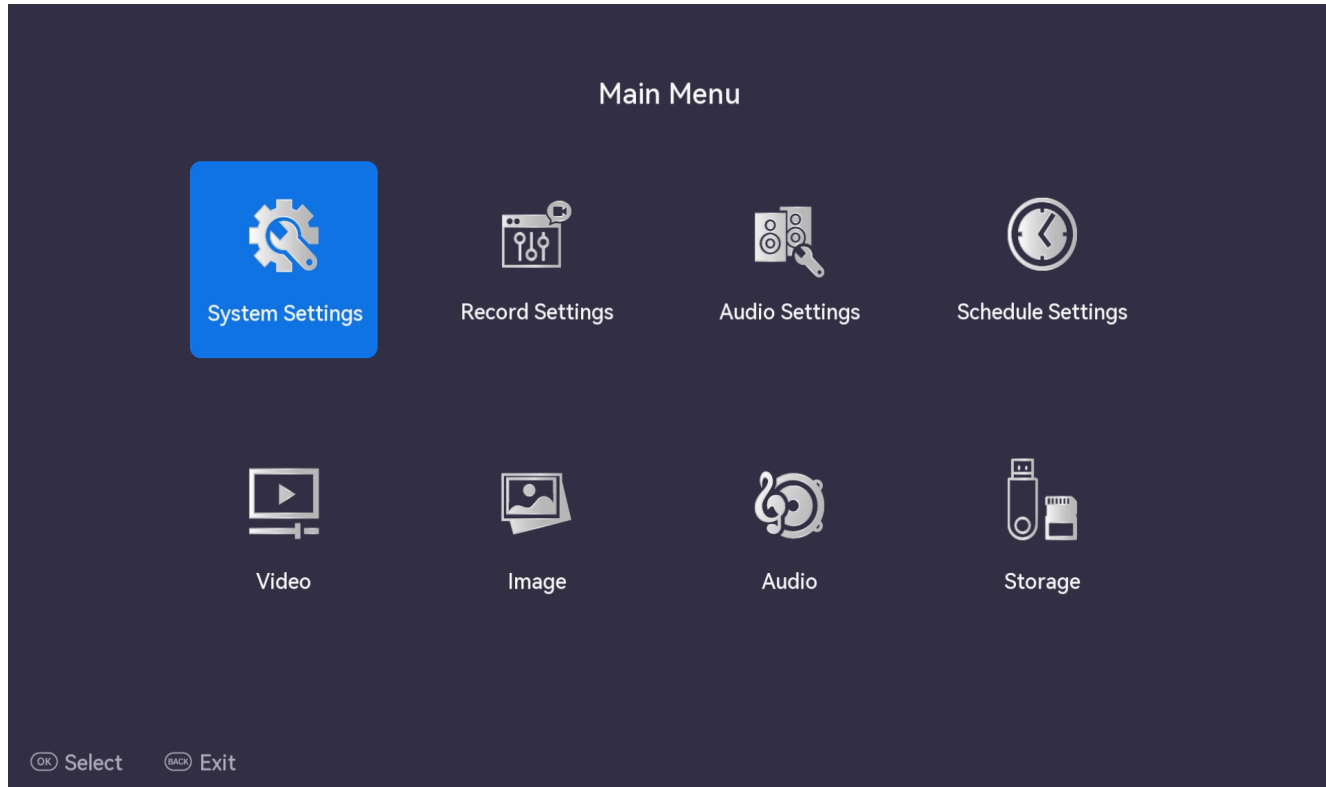
1.4. Remote Diagram

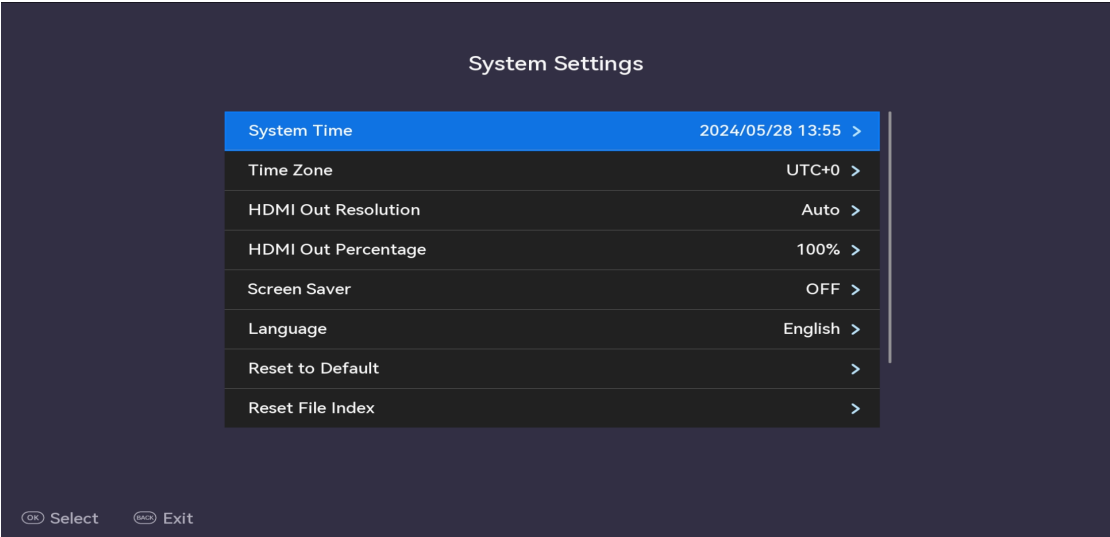
Record Mode



Select recording mode

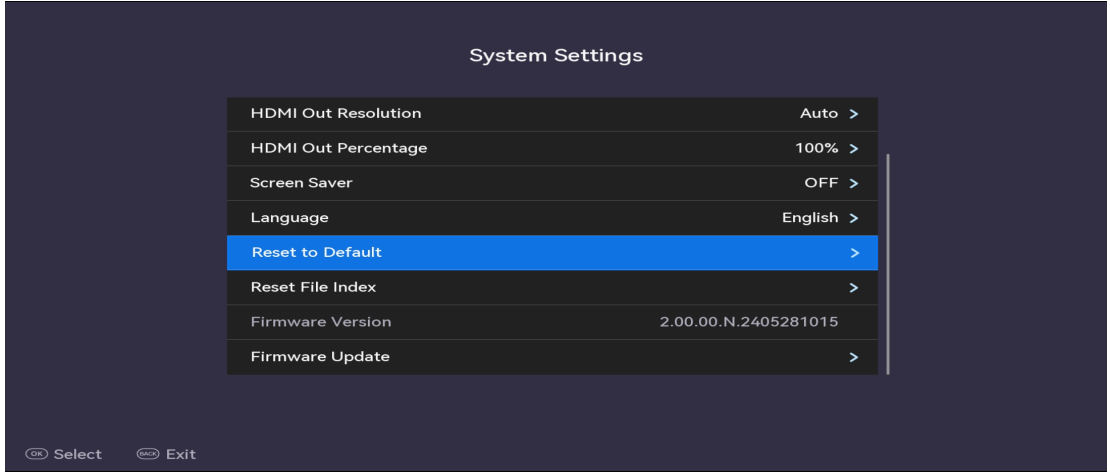
Operation and Using



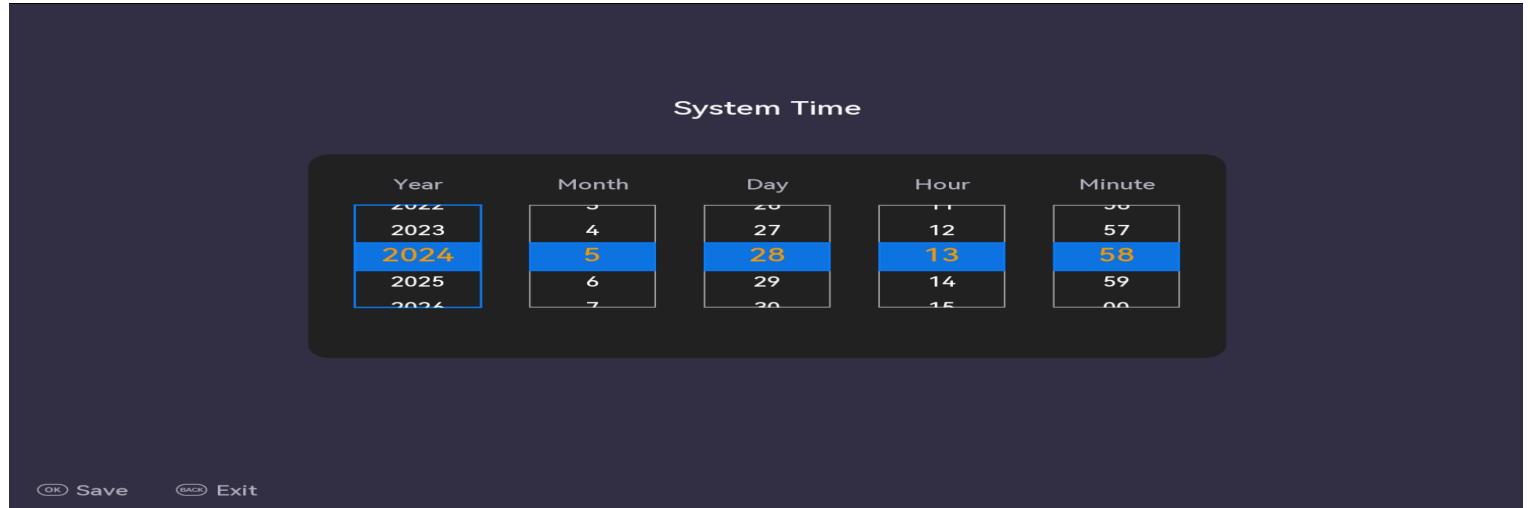


1. System Settings

- System Time
- Time Zone
- HDMI Out Resolution
- HDMI Out Percentage
- Screen Saver
- Language
- Reset to Default
- Reset File Index
- Firmware Version
- Firmware Update



System Time



Time Zone



Tips:When you use it for the first time, please set a date for that day

HDMI Out Resolution



Auto

3840x2160P60

3840x2160P30

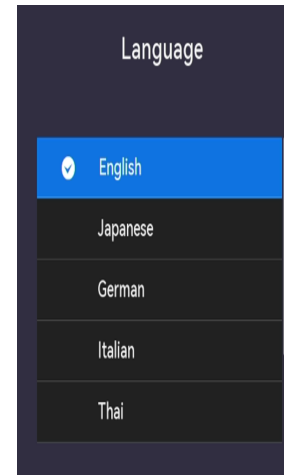
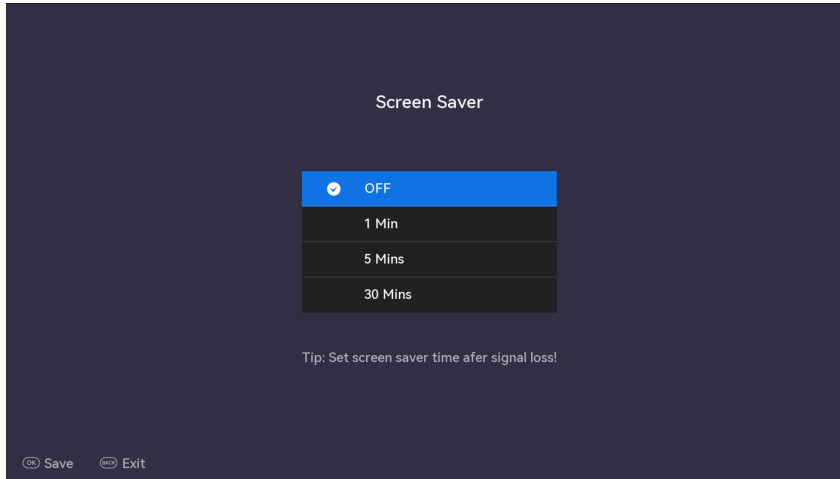
3840x2160P24

1920x1080P60

OK Save

BACK Exit

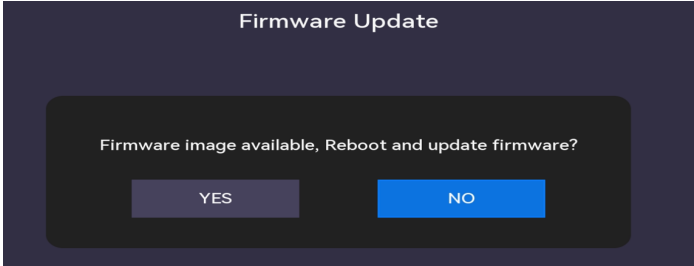
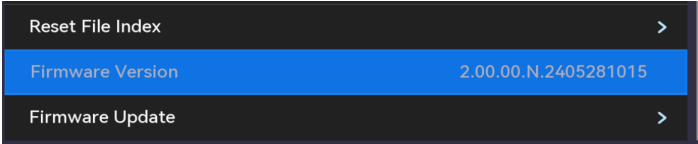
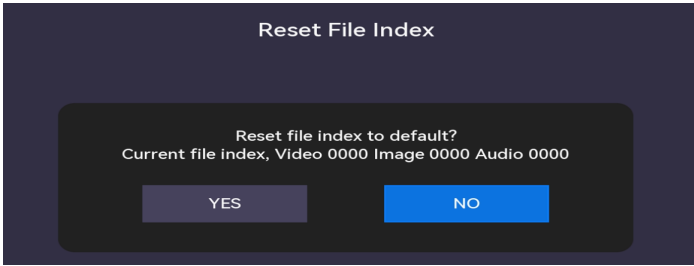
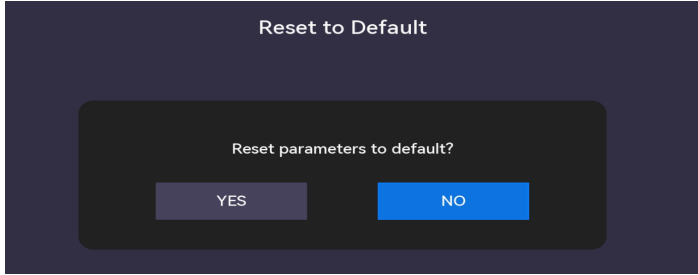
1. AUTO: HDMI output is the same resolution as the HDMI input resolution
2. 3840*2160P60/3840*2160P30/3840*2160P24/1920*1080P60

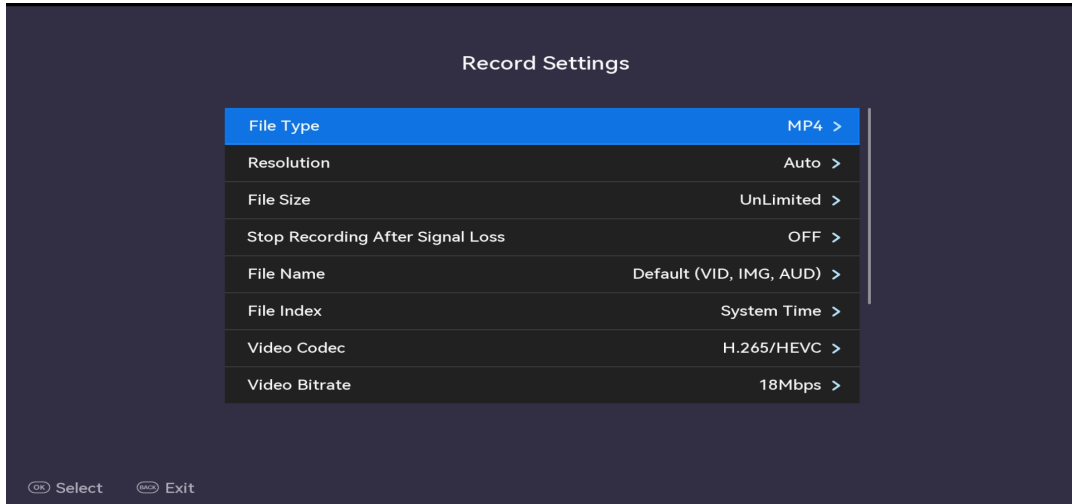


Please choose the language
English/Japanese/German/Italian/Thai
Traditional Chinese/Simplified Chinese



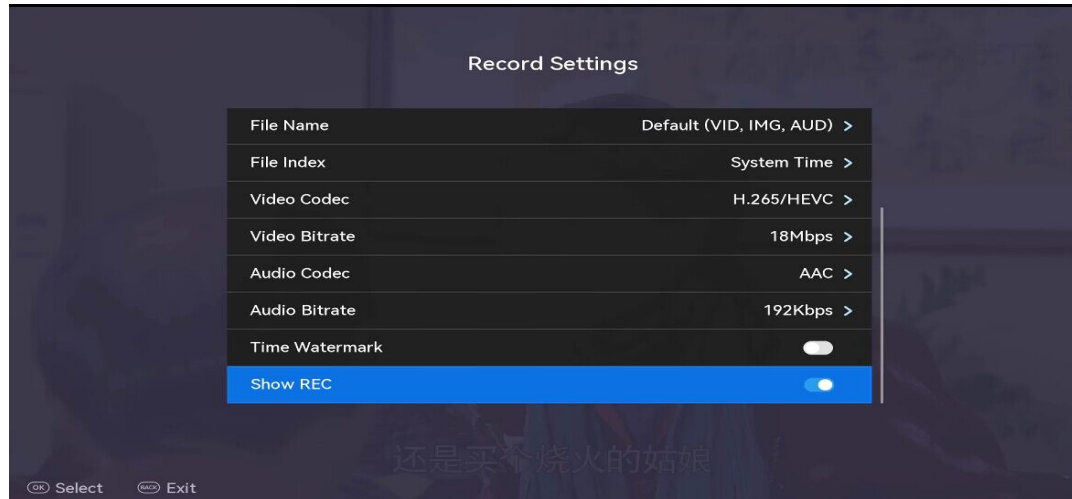
Tips: The displayed edge may be incomplete
please use the remote control to select 90-100%

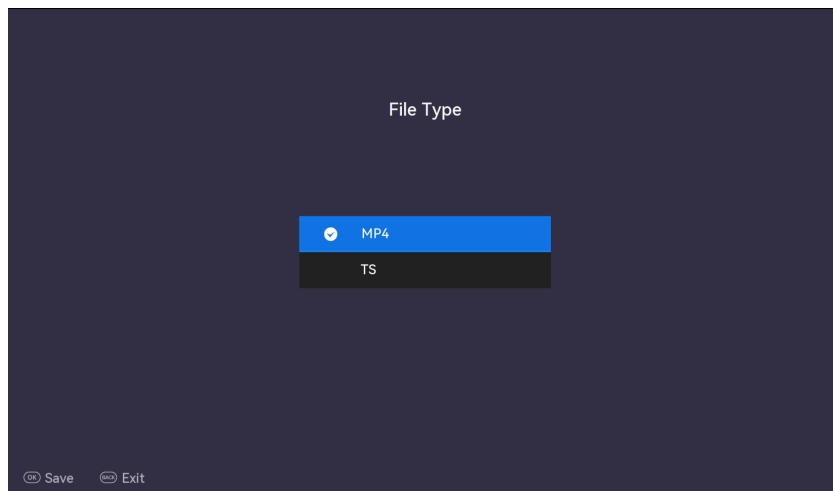




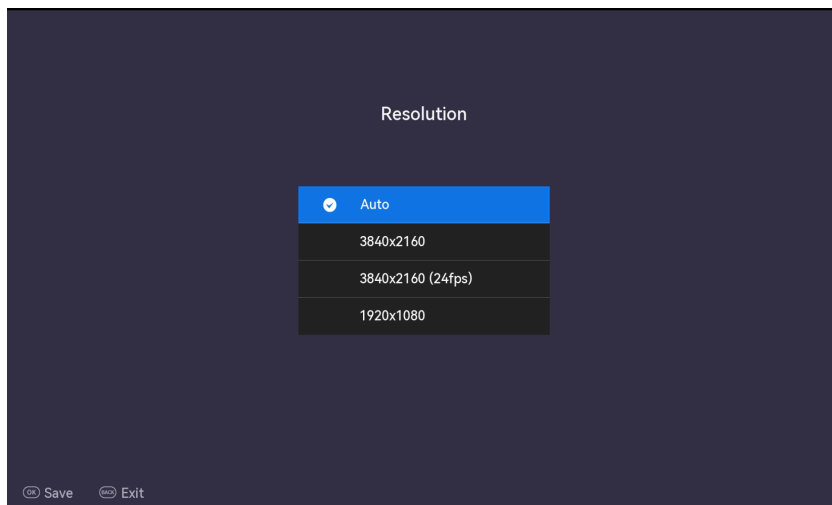
2. Record Settings

- File Type
- Resolution
- File Size
- Stop Recording after Signal Loss
- File Name
- File Index
- Video Codec
- Video Bitrate
- Audio Codec
- Audio Bitrate
- Time Watermark
- Show REC

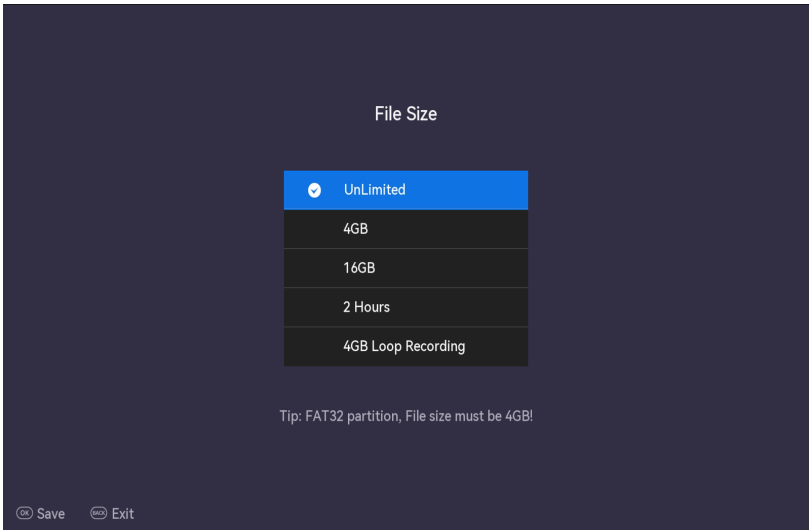




1. The default format is MP4 storage
2. TS format can be saved with power off

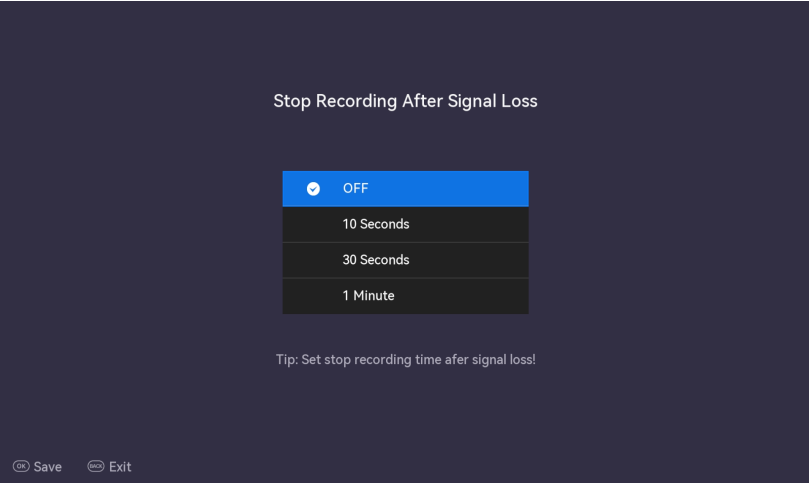


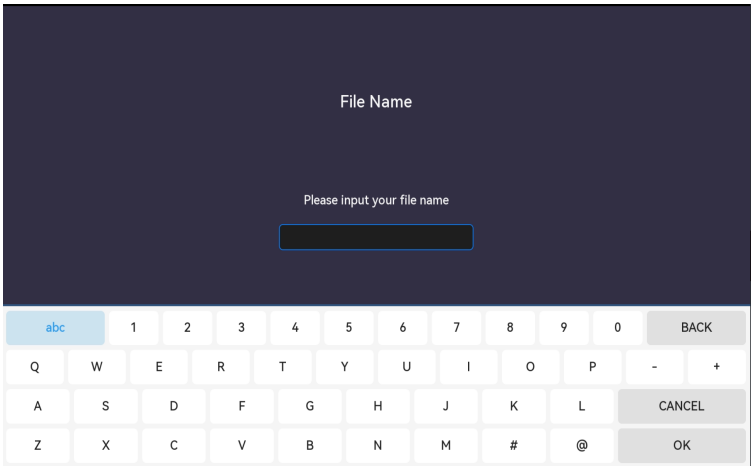
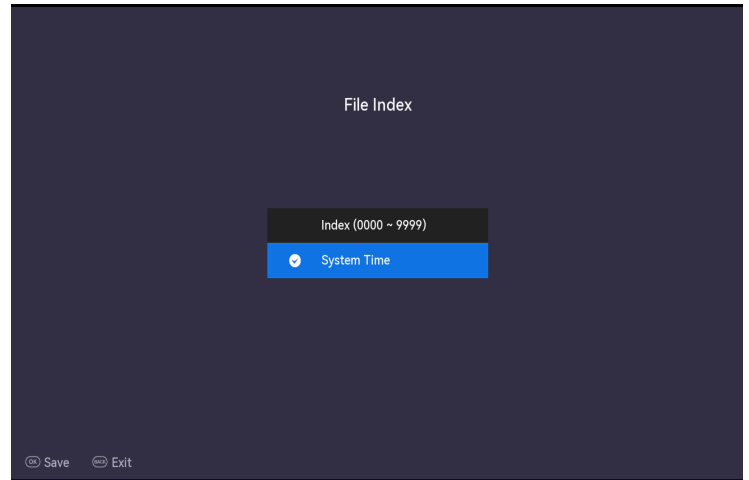
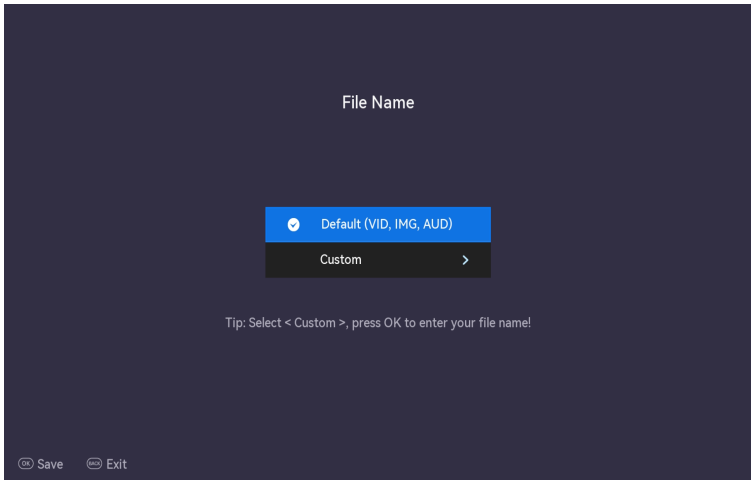
1. AUTO: Automatically record input resolution
2. Maximum recording resolution of 4K30
3. Forcefully record at 4K24 resolution
4. Maximum recording resolution of 1080p60



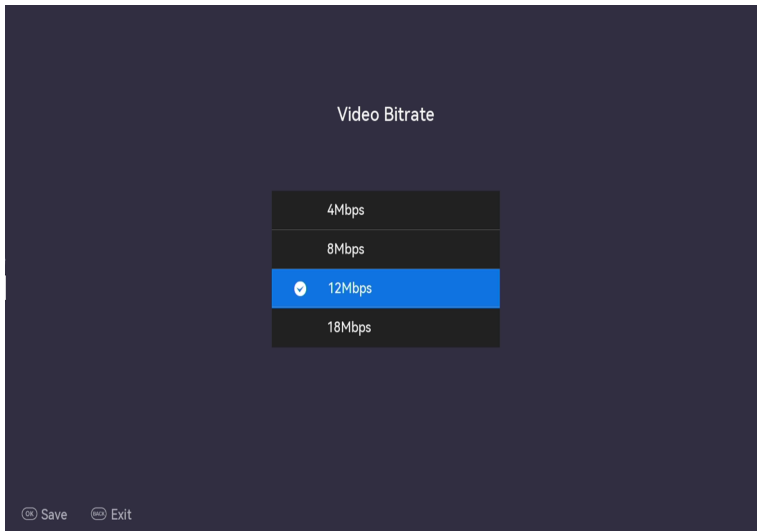
Tips: 1. Support: FAT32/NTFS/MBR/EXfat/GPT/M2

2. FAT32 partition files size must be 4GB

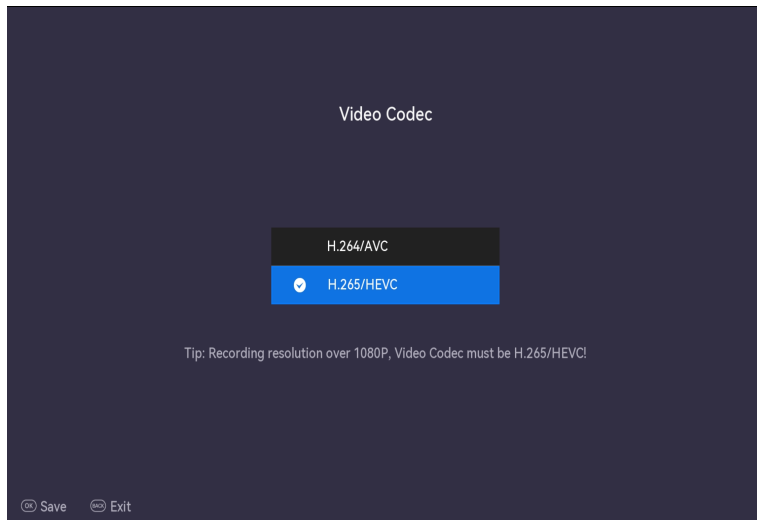




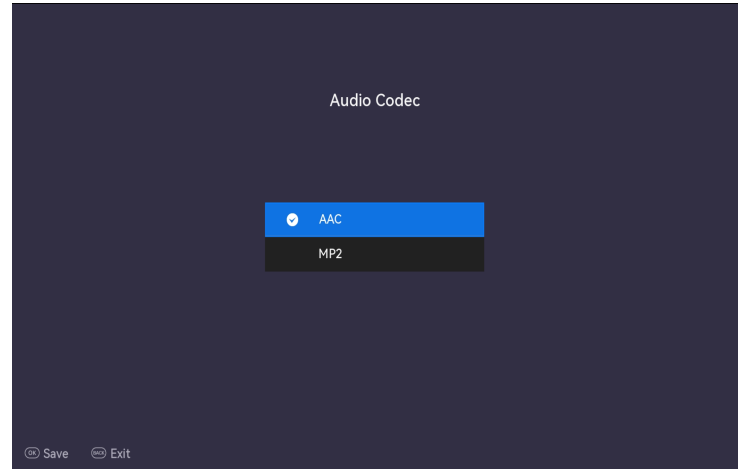
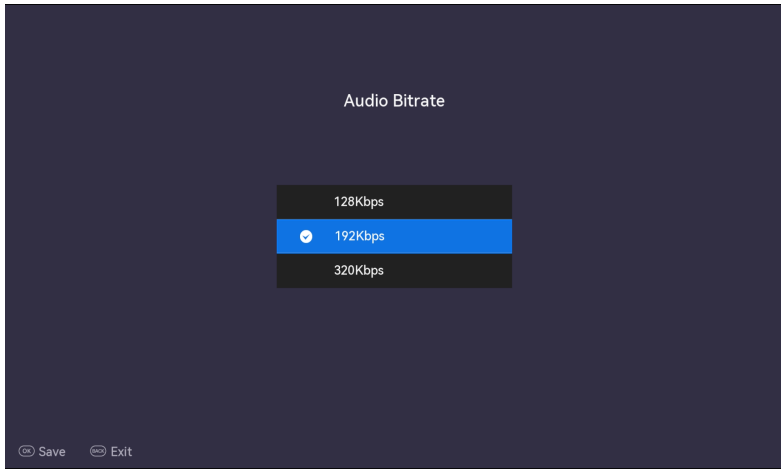
1. Default (VID, IMG, AUD) files name
2. Index(0000-9999) or System Time file Index
3. Or the customer inputs the file name themselves



Factory default recording bitrate: 12Mbps



1. Factory default recording encoding H.265/HEVC (MAX: 4K30)
2. Choose H.264/AVC (MAX: 1080P60) encoding for recording


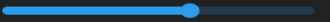
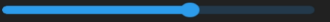
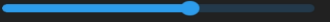
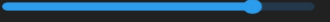


Recording audio quality: 128kps/192kps/320kps

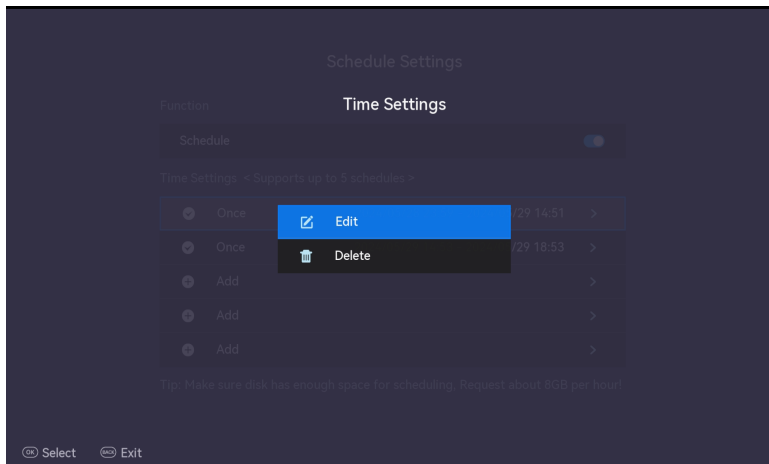
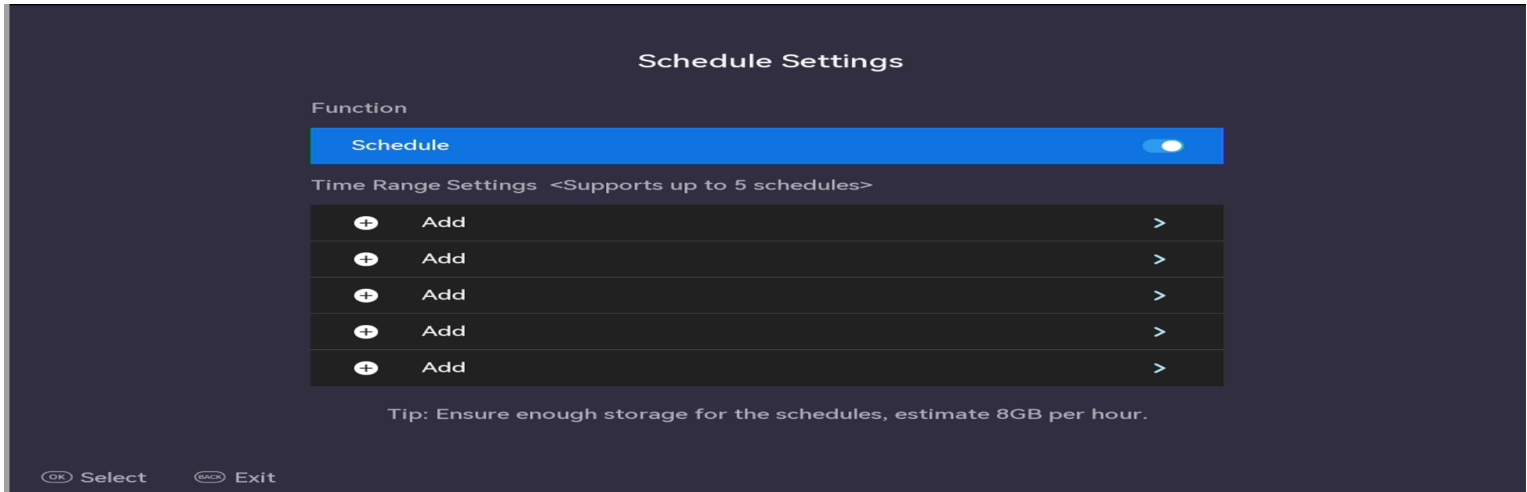


3. Audio Settings

Audio Settings

HDMI In Volume	◀		▶	60
Line In Volume	◀		▶	60
Mic In Volume	◀		▶	60
Line Out Volume	◀		▶	60
HDMI Out Volume	◀		▶	80

4. Schedule Settings



1. Setting your recording time from 5 time periods
2. You can modify or delete the recording time

Function: Schedule Time Range Settings

Schedule

Mode	Start Date/Time					Stop Date/Time				
Once	2023	12	31	12	27	2020	12	27	10	27
Daily	2024	1	1	13	28	2021	1	28	11	28
Weekly	2025	2	2	14	29	2022	2	29	12	29
	2026	3	3	15	30	2023	3	30	13	30

Tip: Start time at least 1 minute from now. Time range must be at least 1 minute.

Once

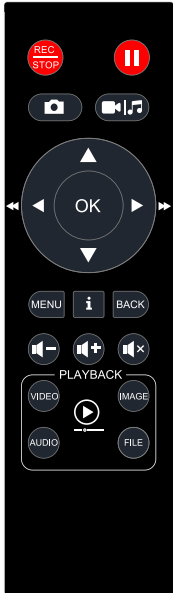
Mode	Start Date/Time				Stop Date/Time			
Once								
Daily		12	27			10	27	
Weekly		13	28			11	28	
		14	29			12	29	
		15	30			13	30	

Daily

Mode	Start Date/Time				Stop Date/Time			
Once	Wednesday	11	20		Wednesday	07	20	
Daily	Thursday	12	27		Thursday	10	27	
Weekly	Friday	13	28		Friday	11	28	
	Saturday	14	29		Saturday	12	29	
	Sunday	15	30		Sunday	13	30	

Weekly

5. Playback Video/Image/Audio



VIDEO Video playback.

IMAGE Image Playback

Video 1/2

VID_20210101130928.mp4 37MB	2021/01/01 13:10
VID_20210101130025.mp4 3MB	2021/01/01 13:00

VID_20210101130928.mp4

00:00:08 00:00:19

Name: VID_20210101130928.mp4
Time: 2021/01/01 13:10
Size: 37MB
Resolution: 3840x2160@30
Codec: H.265/HEVC + AAC 16.29Mbps

Exit File Management Fullscreen Previous Next Fast backward Fast forward

Image 2/6

IMG_20~5.JPG 253KB	2021/01/01 13:00
IMG_20210104082740.jpg 3MB	2021/01/04 08:27
IMG_20210101130028.jpg 254KB	2021/01/01 13:00
IMG_20210101130027.jpg 215KB	2021/01/01 13:00
IMG_20210101130026.jpg 281KB	2021/01/01 13:00
IMG_20210101130025.jpg 515KB	2021/01/01 13:00

IMG_20210104082740.jpg

00:00:00 00:00:00

Name: IMG_20210104082740.jpg
Time: 2021/01/04 08:27
Size: 3MB
Dimension: 3840x2160

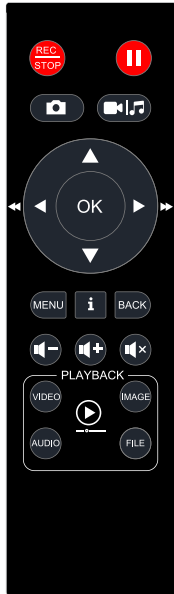
Exit File Management Fullscreen Previous Next

You can select what you need in the remote control

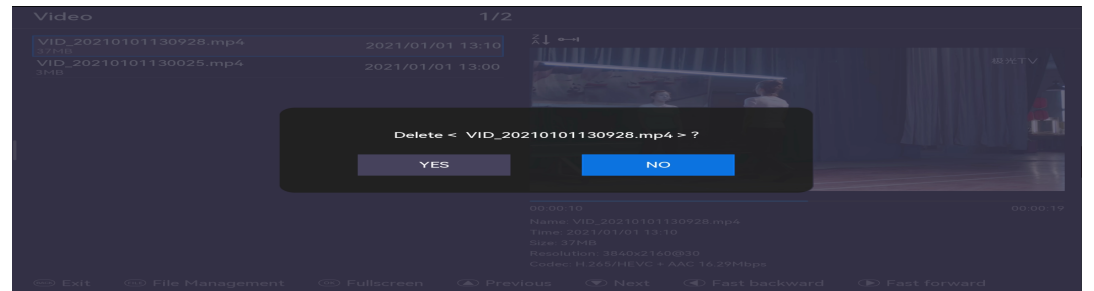
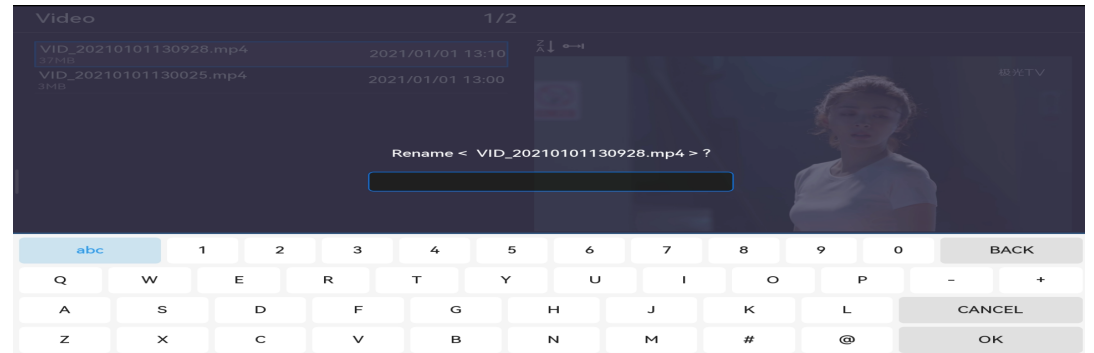
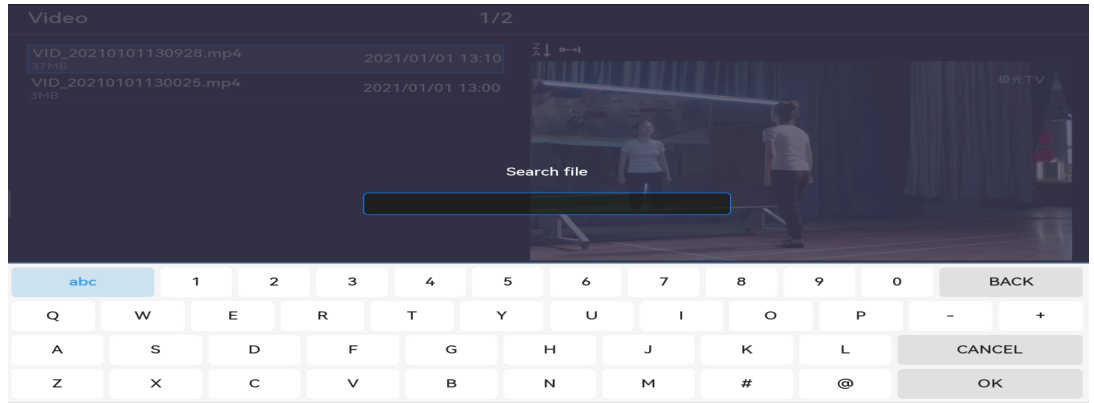


FILE File Management

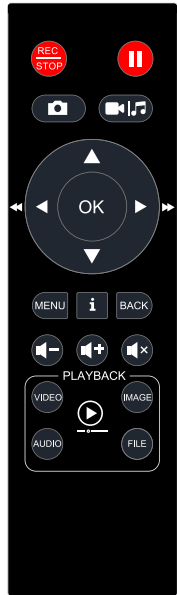
Three screenshots of a video player interface. The top screenshot shows the 'File Management' menu with options: 'Sorting', 'Repeat', 'Search', 'Rename', and 'Delete'. The middle screenshot shows the 'Sorting' menu with options: 'Name ascending order', 'Name descending order', 'Time ascending order', and 'Time descending order'. The bottom screenshot shows the 'Repeat' menu with options: 'Repeat File', 'Repeat Once', and 'Repeat All'. Each screenshot shows a video player with a list of files and a video preview window. The video preview window shows a woman in a white shirt. The video player interface includes a progress bar, a play/pause button, and various playback controls.



Select text using the remote control



7. Audio



AUDIO Audio Playback

FILE File Management

Audio 2/2

AUD_20240528174811.mp3 146KB	2024/05/28 17:48
AUD_20240528173317.mp3 204KB	2024/05/28 17:33

00:00:02 00:00:08

Name: AUD_20240528173317.mp3
Time: 2024/05/28 17:33
Size: 204KB
Sample Rate: 48K
Bitrate: 192Kbps

Exit File Management Play/Pause Previous Next

Audio 2/2

AUD_20240528174811.mp3 146KB	2024/05/28 17:48
AUD_20240528173317.mp3 204KB	2024/05/28 17:33

File Management

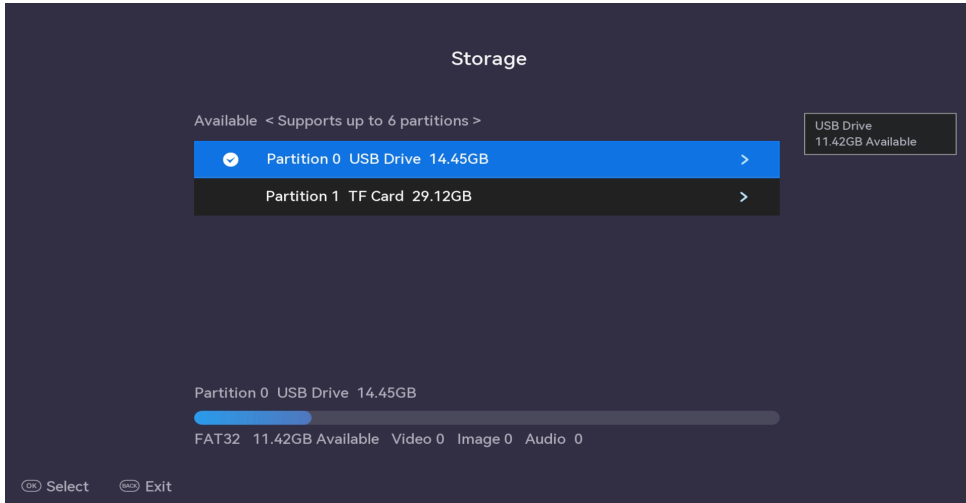
- Sorting
- Repeat
- Search
- Rename
- Delete

00:00:02 00:00:08

Name: AUD_20240528173317.mp3
Time: 2024/05/28 17:33
Size: 204KB
Sample Rate: 48K
Bitrate: 192Kbps

Exit File Management Play/Pause Previous Next

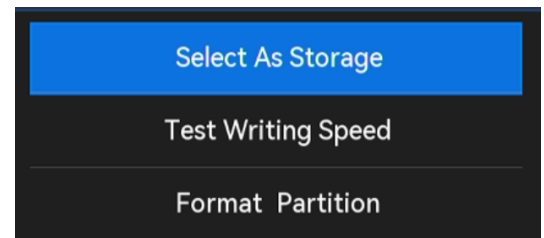
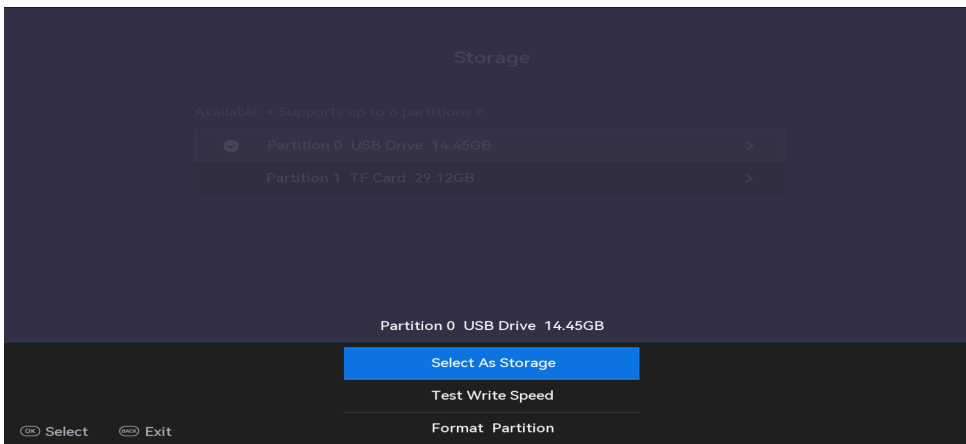
8. Storage

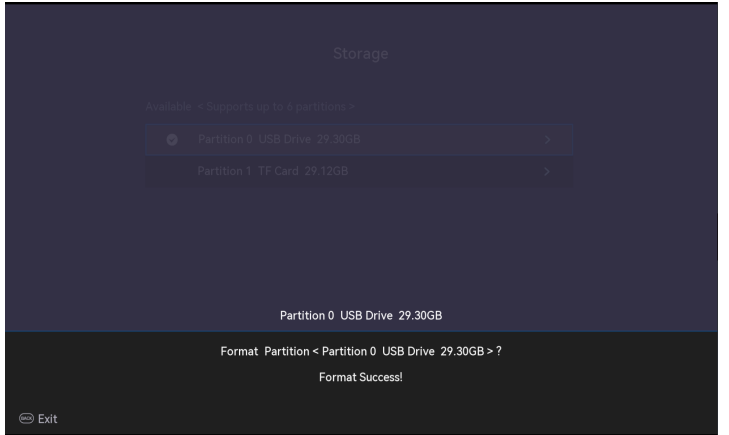
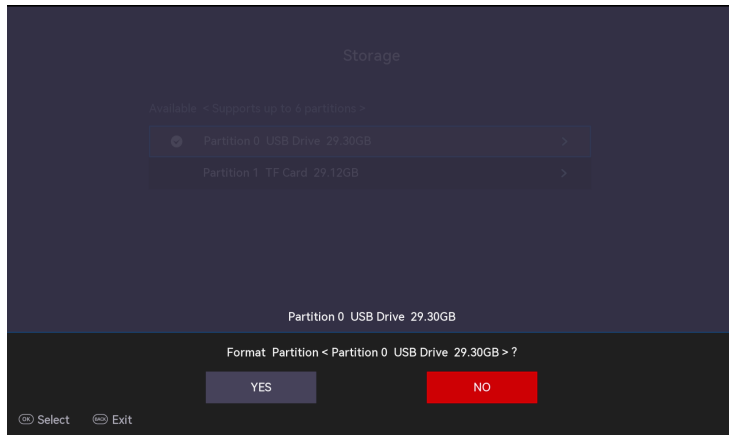
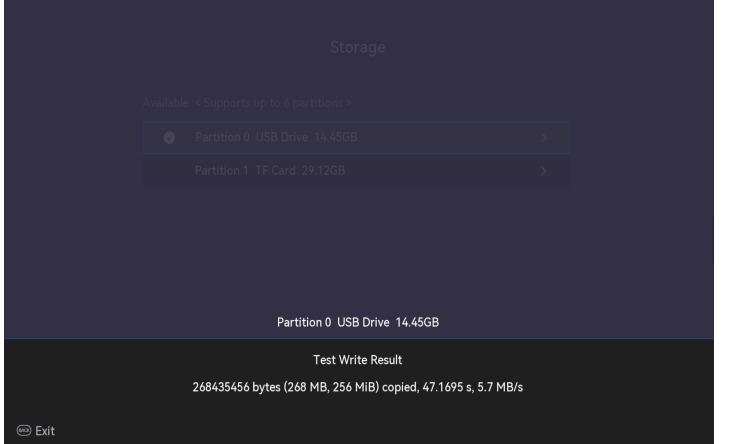
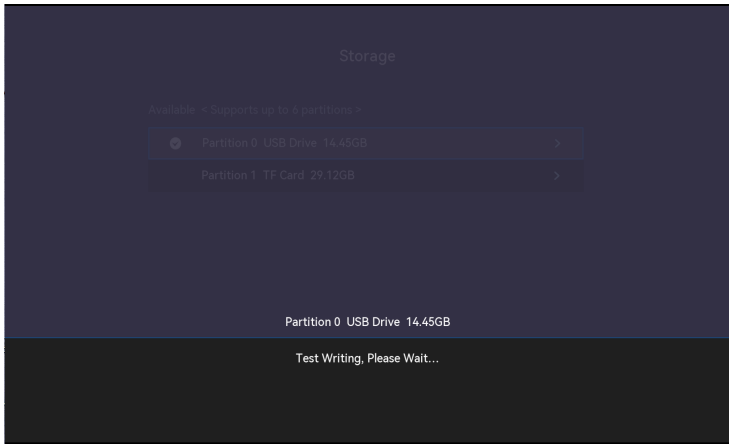


USB Flash Disk/Hard Disk/TF Card

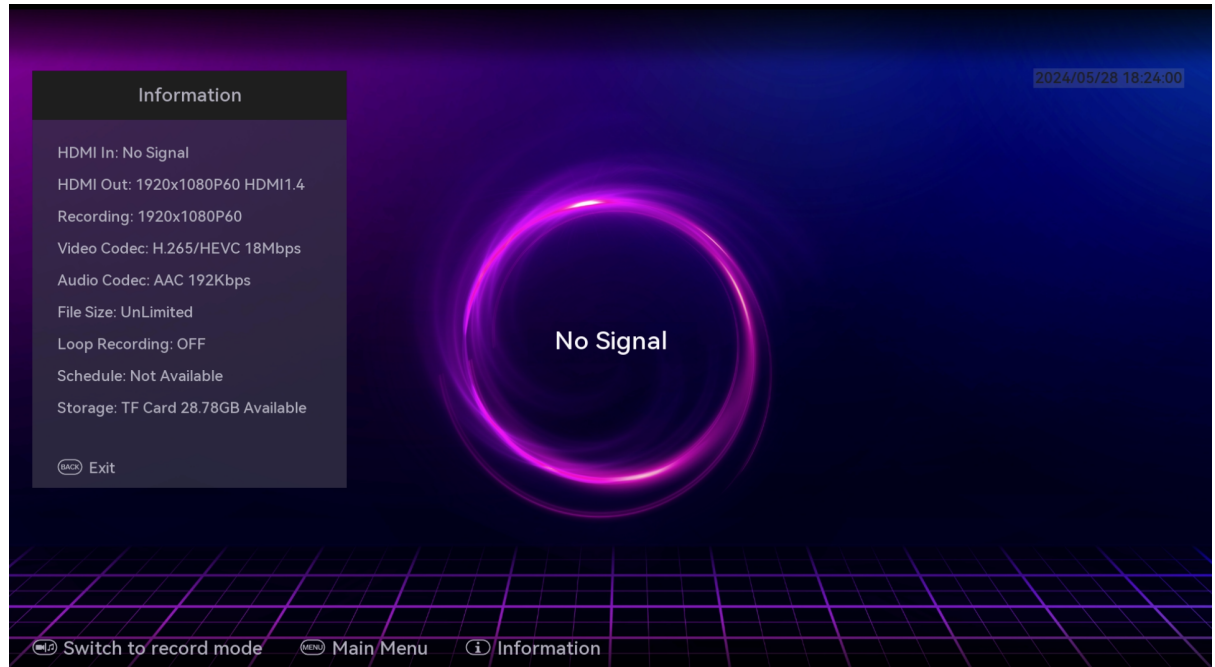
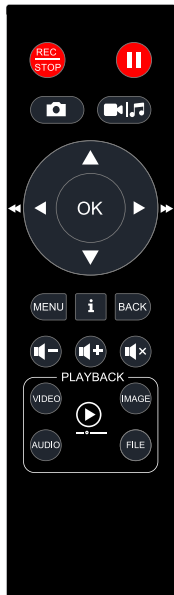


Select OK in the remote control



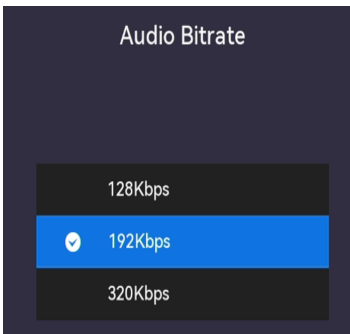
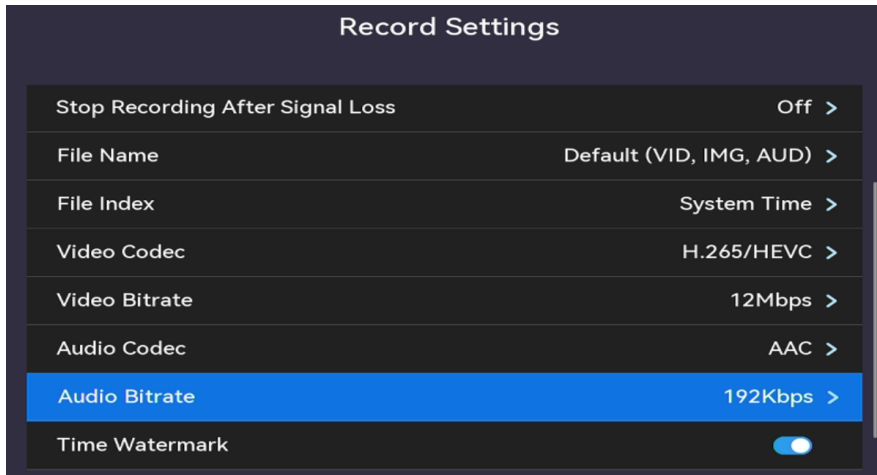


Information Button



Information Button: Display all information

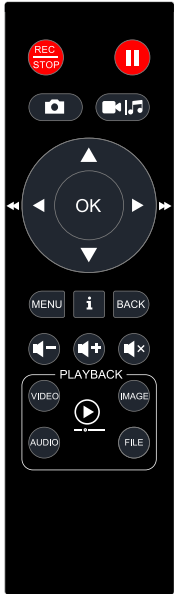
MP3 Record



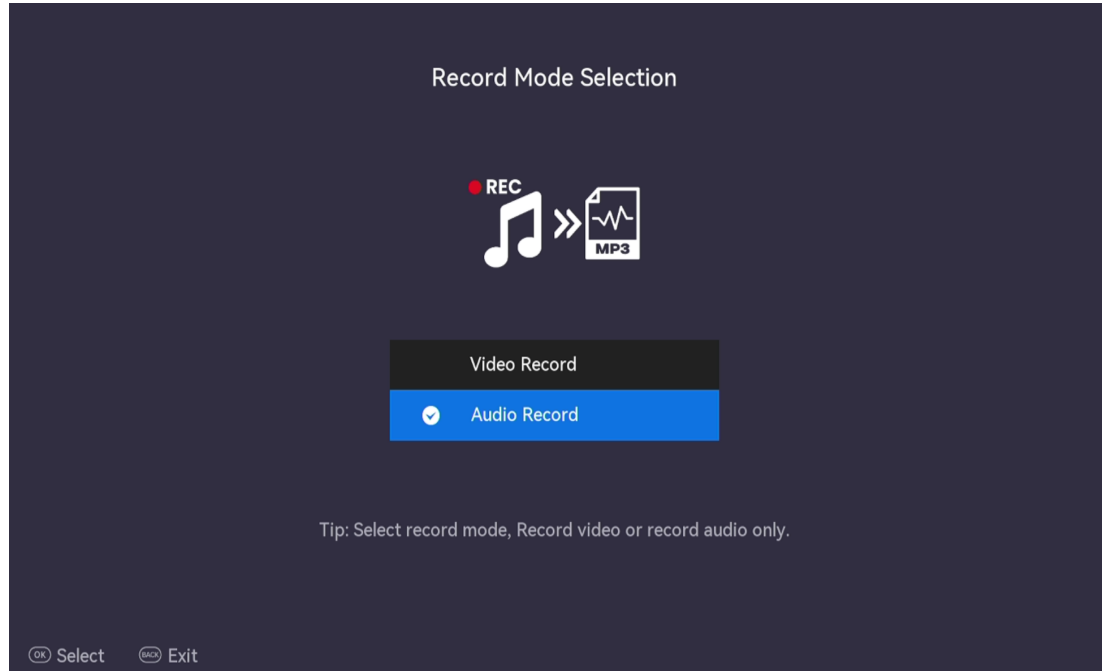
Before recording audio, please confirm your audio bitrate
128kbps/192kbps/320kpbs

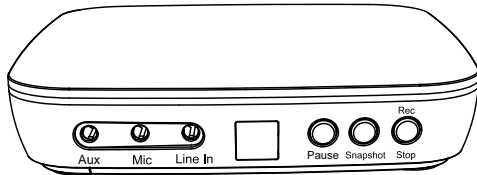
Default is 192kpbs

MP3 Record

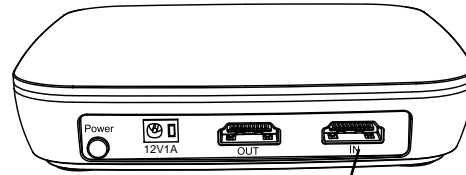


Select recording mode





Any audio input via 3.5mm cable




Any audio input via HDMI INPUT(record only audio no video)

Audio Record

Ready

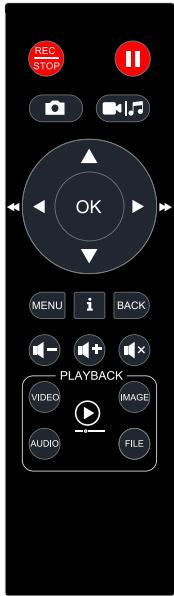
00:00:00

Press **REC STOP** to Start

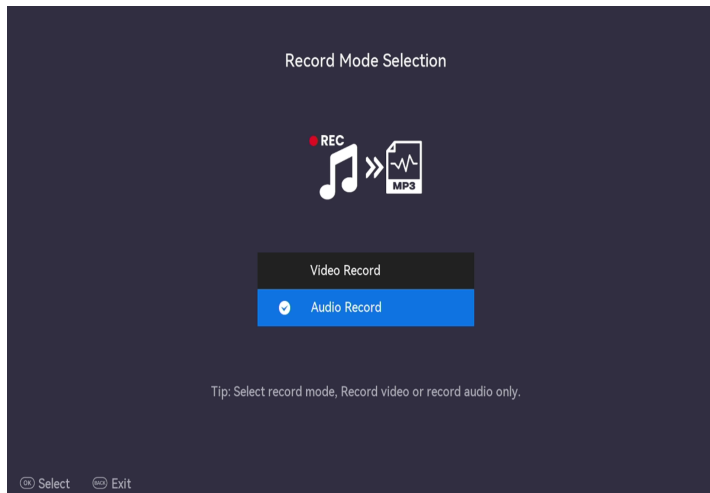
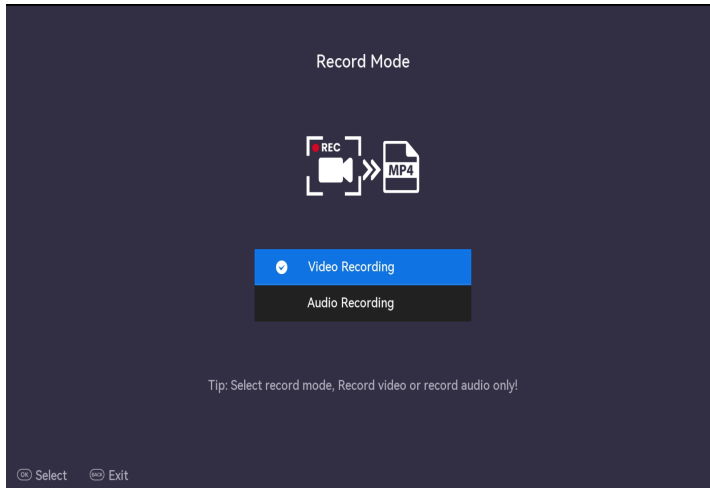


Sample Rate: 48K
Bit Rate: 192Kbps
HDMI In Volume: 60/100
Line In Volume: 60/100
Mic In Volume: 60/100

Switch to record mode Main Menu



Select recording mode



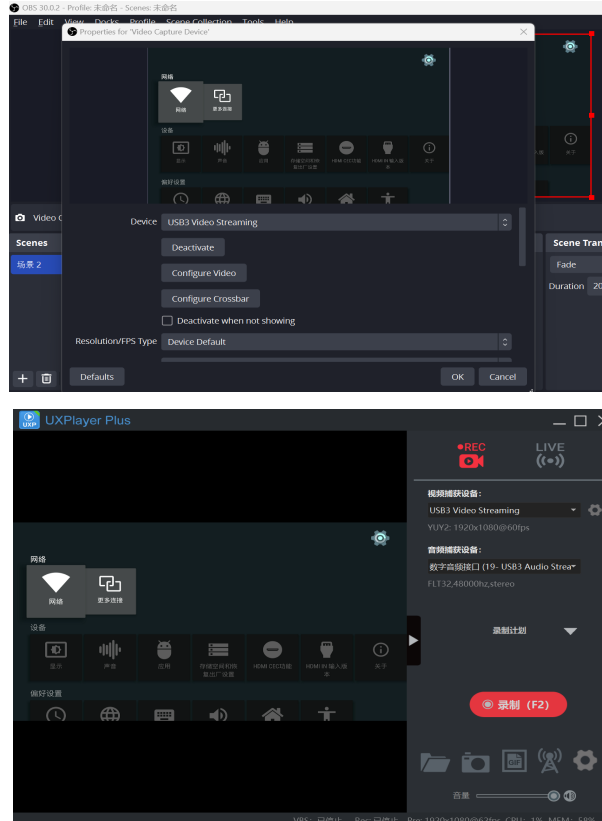
Tips: After recording the audio, press the button to return to recording mode

USB-C UVC Function(Capture card 1080p60) Support Windows / MAC / Liunx



Device Video:
USB3 Video Streaming

Device Audio:
USB3 Audio Streaming

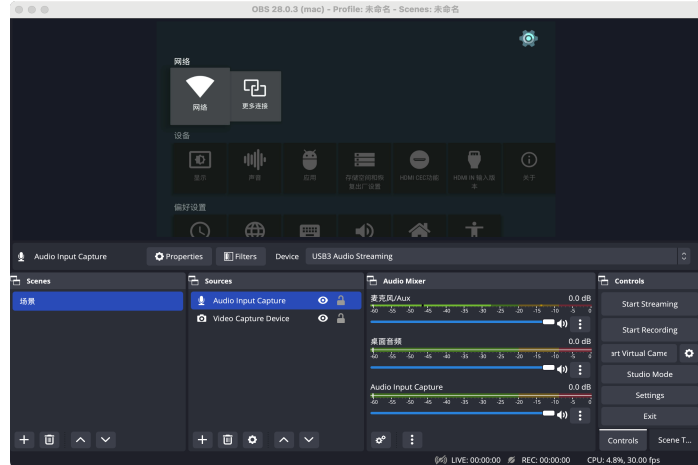
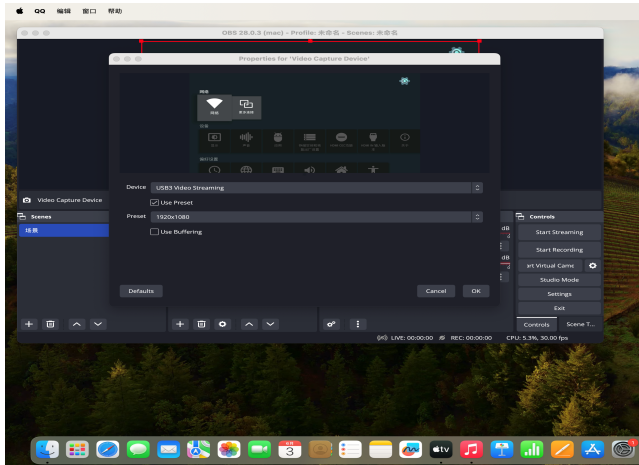


Windows OBS and UXPlayer Plus
Support all third-party software

Tips: Standalone recording and UVC function can be used simultaneously

USB-C UVC Function(Capture card 1080p60)

Support Windows / MAC / Liunx

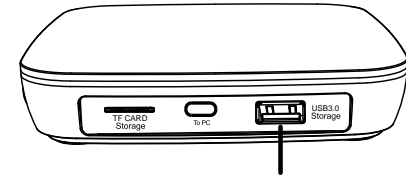
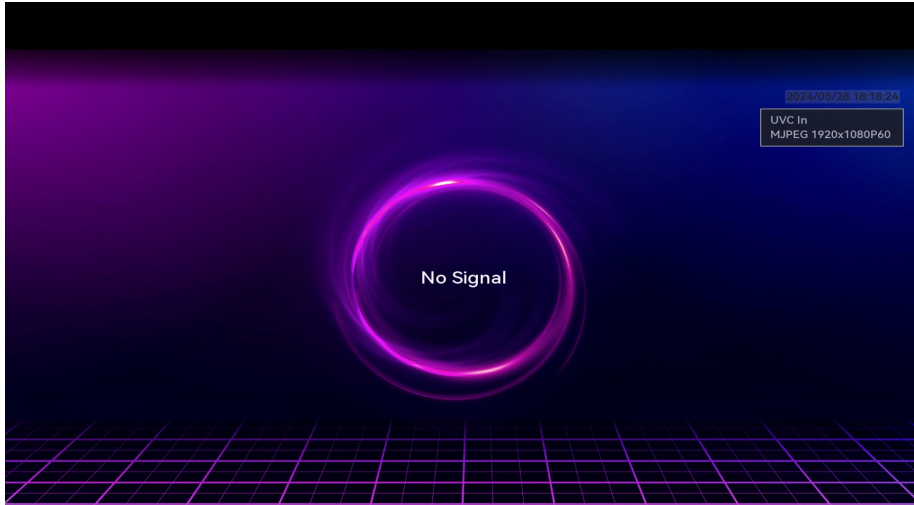


MAC OBS

Device Video:
USB3 Video Streaming

Device Audio:
USB3 Audio Streaming

Additional Function(CAM / CAPTURE CARD)



USB3.0 Interface



USB CAM: MAX Support 1080p60



USB Capture card: MAX Support 1080p60

Why does the recorded file split into multiple segments?

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

Or one file will be unlimited (support Exfat, Gpt, Mbr format)

HDMI input resolution vs. recording resolution

4K60, 4K50, 4K30, 4K25, 4K24 (Ultra HD)

1080P60, 1080P50, 1080P30, 1080P25, 1080P24 (FHD)

720P60, 720P50 (HD)

576P50, 480P60 (SD)

1080I60, 1080I50, 480I60, 576I50 (interlaced)

2560x1440p60, 1360x768p60, 1280x1024p60, 1024x768p60, 800x600p60, 640x480p60 (VESA standard)

2560x1600p60, 1920x1200p60, 1600x1200p60 (VESA standard added)

Note: HDR and VRR signals are not supported.

PRODUCT SPECIFICATIONS

Resolution Standard

4K60, 4K50, 4K30, 4K25, 4K24

1080P60, 1080P50, 1080P30, 1080P25, 1080P24

720P60, 720P50

576P50, 480P60

1080I60, 1080I50, 480I60, 576I50

2560x1440p60, 1360x768p60, 1280x1024p60, 1024x768p60, 800x600p60, 640x480p60 (VESA)

2560x1600p60, 1920x1200p60, 1600x1200p60

Not Support: HDR, VRR

Output	640x480, 720x480, 720x576, 800x600, 1024x768, 1280x720, 1280x1024, 600x1200, 1920x1080 3840x2160p25/p30/p60
Recording	Up to 3840x2160(30p/24p/25p)
REC Format	H.264, H.265
Standard	HDMI 2.0 standard
Audio	AUX, Line in, Mic
Output	HDMI(pass-through), TF CARD and USB Stroage
Bitrate	Max: 18Mbps
