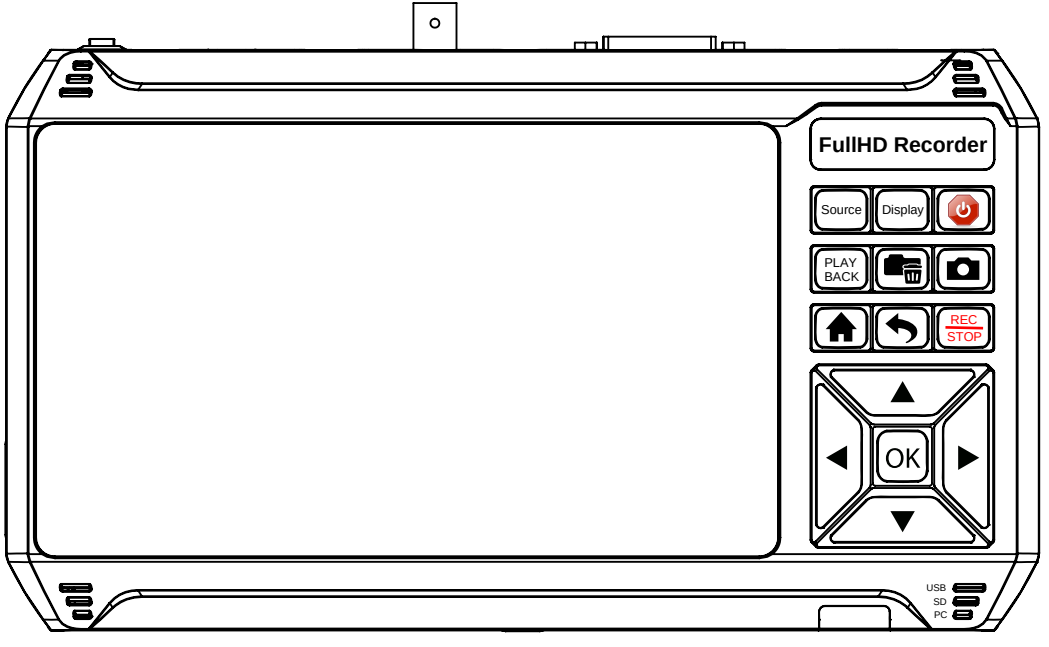
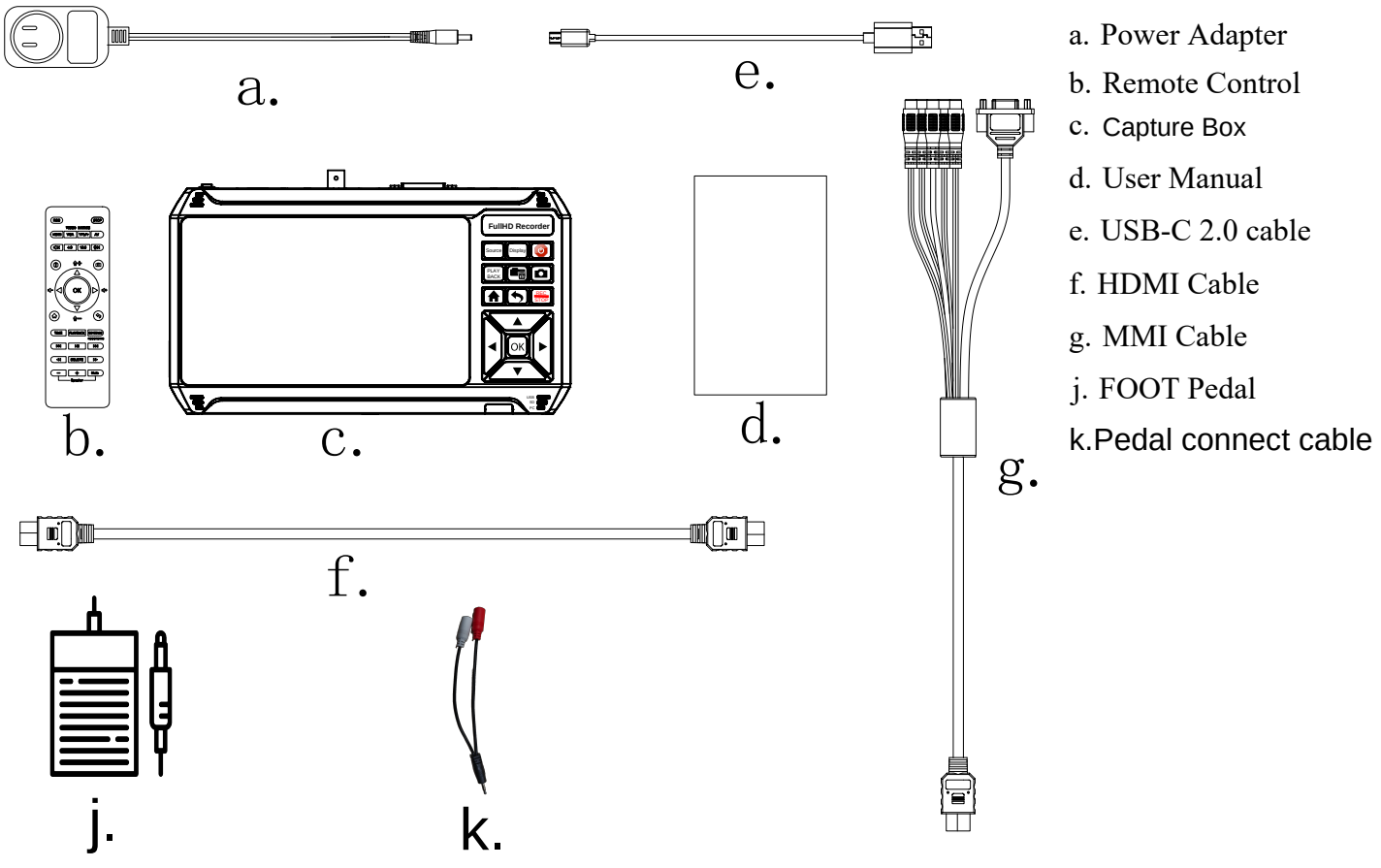
User Manual

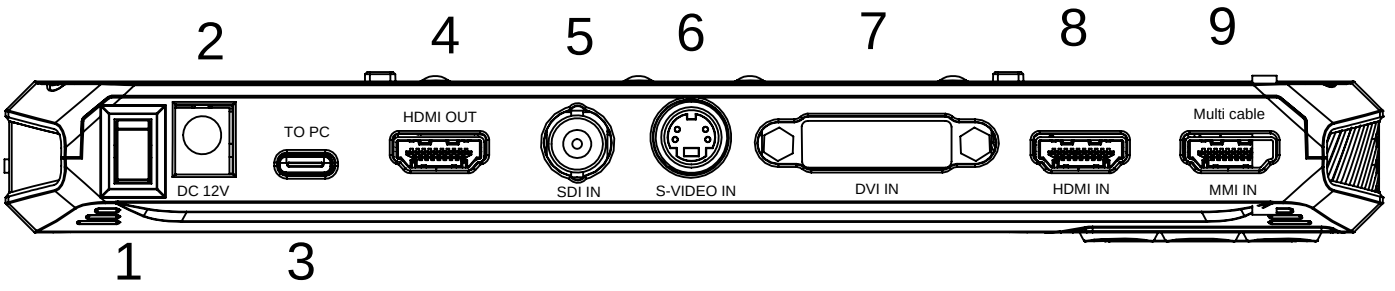

FullHD Recorder
Source
Display
PLAY
BACK
REC
STOP
OK
USB
SD
PC

1.1 Box Contents

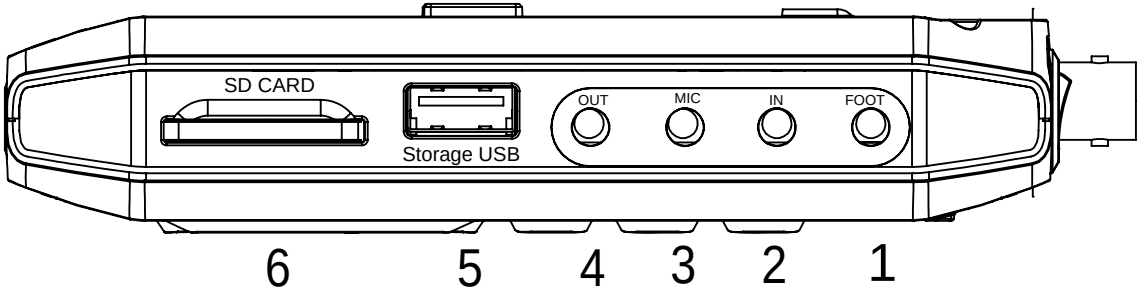


a. Power Adapter
b. Remote Control
c. Capture Box
d. User Manual
e. USB-C 2.0 cable
f. HDMI Cable
g. MMI Cable
j. FOOT Pedal
k.Pedal connect cable

1.2 Product Diagram



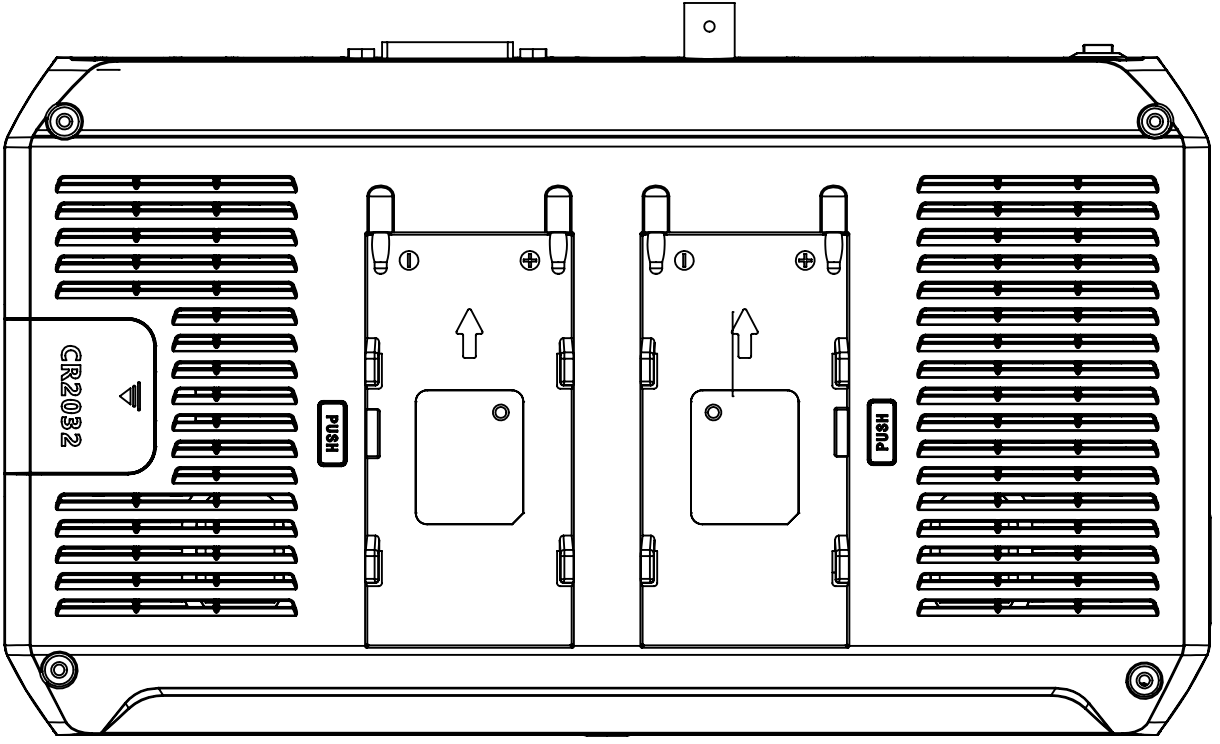
1. POWER ON/OFF
2. DC12V
3. TO PC (UVC only for windows OBS)
4. HDMI OUT(1080p60)
5. SDI IN (3G SDI MAX:1080p60)
6. S-VIDEO IN
7. DVI IN (18+1 MAX:1080p and Single Channel)
8. HDMI IN(MAX:4k30)
9. MMI IN(AV/VGA/YPBPR)



1. Foot Pedal (connect pedal cable:Red is Recorder/White is snapshot photo)
2. IN (connect TRS Audio input)
3. MIC(connect TRS MIC input)
4. OUT(connect TRS Audio output)
5. Strorage USB(USB Drive 512G and Hard Disk 8T/support:FAT32/NTFS/MBR/EXfat etc.)
6. SD CARD(save files in SD card/support 512G and FAT32/NTFS/MBR/EXfat etc.)

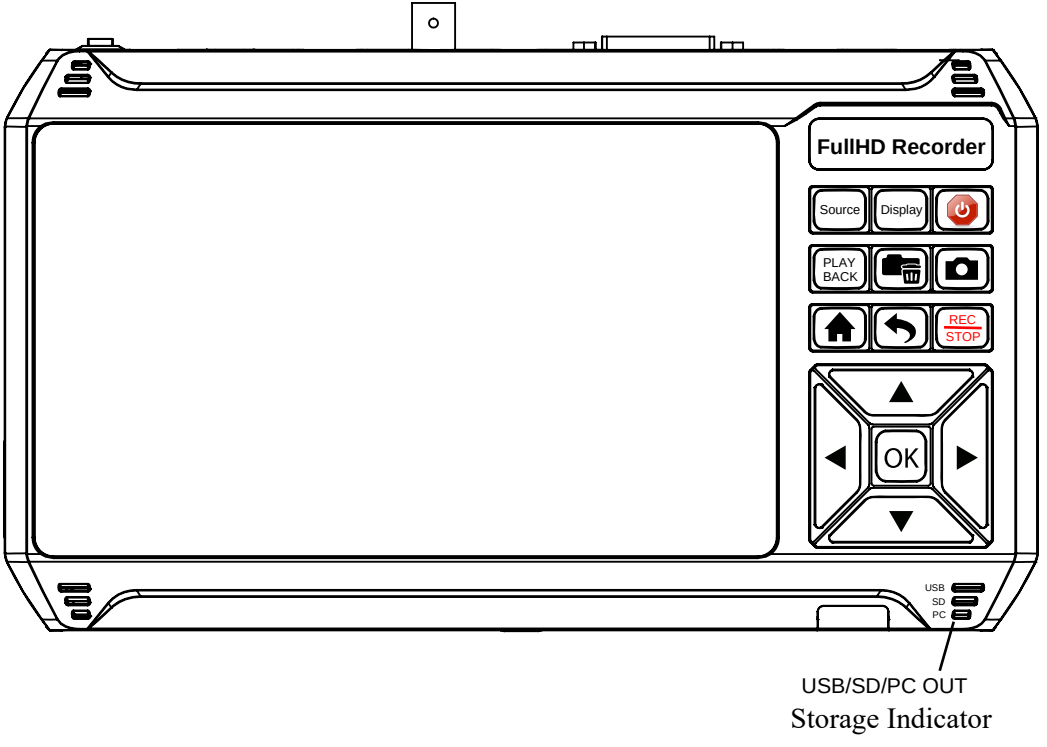
1.2. Product Diagram

Button Battery:
CR2032



Compatible battery models:
NP-550/F750/F950/F960/F970

1.2. Product Diagram



1.2. Product Diagram

Storage indicator

USB Indicator

Off	No USB Storage Device connected
Solid Blue	USB Storage Device is connected
Blinking Blue	In recording process and saving files to USB Storage Device

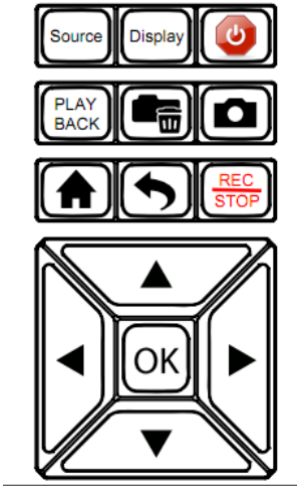
SD Indicator

Off	No SD Card inserted
Solid Blue	SD Card is inserted
Blinking Blue	In recording process and saving files to SD Card

PC Indicator

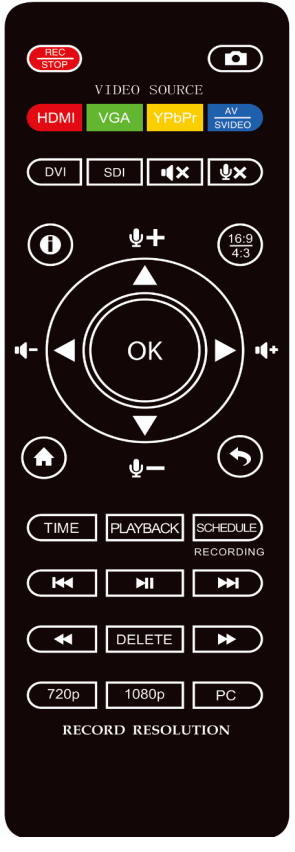
Off	Not connected to PC
Solid Blue	Connected to PC and recognized by software

1.3. Indicator Diagram



1. Source: AV/SV/YPBPR/VGA/HDMI/DVI/SDI
2. Display:Show the INFO on the screen
3. POWER:Press for 3sec to turn off or turn on
4. Playback: Playback video or photo files
5. Delete files
6. Snopshot image
7. Main menu setting
8. Back
9. Recorder or stop Video

1.4 Remote Diagram



: Recorder and Stop
: Capture an image.
: Select HDMI as the input signal.
: Select VGA as the input signal.
: Select YPbPr as the input signal.
: Select AV or S-Video as the input signal
: DVI Input
: SDI Input
: Mute
: Microphone mute.
: Show some infomation on the screen
: Select the scale to display
: OK button.
: Adjust the volume of the source video.
: Adjust the volume of MIC input.
: Show the main menu.
: Back to the previous interface.
: Set the system time by year, month, day, hour, minute and second.
: Play back the contents in the USB storage device.
: Set the Start Time and Stop Time manually during which videos will be recorded automatically.
: Back to the previous page.
: Play or stop playing.
: Go to the next page.
: Fast backward
: Delete the recorded video.
: Fast forward
: Set the output resolution to 720p.
: Set the output resolution to 1080p.
: Select the output resolution for PC, including 1024*768, 1280*800 and 1360*768.

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

1.4. Remote Diagram

2.1 Settings Menu

button to display settings menu.

There are four categories of settings:

1. System Settings
2. Image Settings
3. Audio Settings
4. Schedule Settings

Press the right and left arrows to choose a setting category.

2.2 System Settings

- Show time
  - On: System time shows on the screen.
  - Off: System time doesn't show on the screen.
- Record Resolution
  - 1920*1080
  - 1280*1024
  - 1280*720
  - 1024*768
- Bitrate
  - Bitrate set to Low: about 4Mbps
  - Bitrate set to Mid: about 10Mbps
  - Bitrate set to High: about 18Mbps
    The bitrate can be set, the compression bitrate is related to the video compression format and resolution.
- File size
  - 16GB: Single file max size up to 16GB or 5 hours
  - 4GB: Single file max size up to 4GB or 5 hours
    TIP: Using FAT32 USB storage devices, the single recorded file will be 4GB at most due to the limitation of FAT32 format. Please use a NFTS/exFAT USB storage device, the file will be 16GB at most.

•Looprecording
  - 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.
- Show 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.
- Time Watermark
  - On: It will display time watermark during recording.
  - Off: No time watermark displayed on screen.

HDMI OUT

- Bypass: (only shows what is input signal
  No setting info on the TV)

Screen and the monitor display at the same time.

- Local: Screen will not display

All setting infor is displayed on the monitor.

- System time
  - Set up system time with format "yyyy-mm-dd hh-mm".

2.3 Image Settings

- **Brightness** Adjust the brightness.
- **Contrast** Adjust the contrast.
- **Saturation** Adjust the saturation.
- **Backlight** Adjust the backlight.
- **Autostop** off/30min/60min/90min/120min/150min/180min/user□setting
- **Decoder update** Update decoder.
- **Encoder update** Update encoder.
- **Restore** Restore default settings.
- **Language** Set the language of OSD.
- **Version** Display the version of firmware.

2.4 Audio Settings

- **HDMI Volume:** Set the volume of HDMI.
- **Mic Volume:** Set the volume of Mic.
- **Line in Volume:** Set the volume of Line in.
- **Speaker Volume:** Set the volume of speaker.
- **Line out Volume:** Set the volume of Line out.
- **Line out mixed:**
  - On: Line out outputs the audios of HDMI, Mic and Line in together.
  - Off: Line out only outputs the audio of HDMI.

2.5 Schedule Settings

- Schedule Recording
  - On: Enable schedule recording.
  - Off: Disable schedule recording.
- Schedule mode
  - Once
  - Every Day
- Time ranges
  - Max task number is up to 5

SUPPORTED RESOLUTION

Input	Max up to 3840x2160@30fps 1920x1080 (50p), 1920x1080 (60p), 1920x1080 (24p), 1920x1080 (25p), 1920x1080 (30p), 1920x1080 (50i), 1920x1080 (60i), 1360x768 (60p), 1280x1024 (60p), 1280x720 (60p), 1280x768 (60p), 1280x800 (60p), 1024x768 (60p), 720x480 (60i), 720x480 (50i), 640x480 (60p), 720x480 (60p), 720x576 (50p)
Output	1920x1080@60fps
Recording	1920x1080 (60p),1280x720(60p), 1024x768(60p), 1280x1024(60p)

PRODUCT SPECIFICATIONS

Output format	MP4(H.264)
Supported USB Device Format	NTFS, FAT32, exFAT, MBR, GPT
Single File Size	Maximum 4GB/16GB
Video standard (input)	HDMI 2.0 standard
Input signal	HDMI,DVI,SDI,AV,SV VGA,YPbPr,Line in,Mic,FOOT
Output signals	HDMI (pass-through), USB, SD, TYPEC to PC, Line out
Bitrate	Low: 4Mbps Mid: 10Mbps High: 18Mbps
Maximum USB Disk storage capacity	512GB for USB flash drive/SD card, 8TB for External Hard drive