

Quick Start Guide

CUBE R1

NDI High Bandwidth+NDI|HX

NDI Multi-Channel Recording System

(V3.3)



Through this manual, you can learn about:

- Device List
- Device interfaces and functions
- Device startup, connections, and basic functionality
- Precautions for device operation

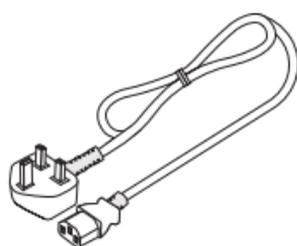
Before you officially use this product, it is recommended that you read the user manual of this product carefully. To ensure your personal safety and avoid physical or electrical damage to the device, please strictly follow the instructions of this manual or install and use this product under the guidance of professionals. Improper electrical connection or physical installation methods may cause permanent damage to the device and even threaten personal safety.

Due to continuous product upgrades and updates, the product you purchased may be different from the contents of this manual. Please refer to the actual product in the packaging box.

1 Device List



(1) Device (CUBE R1) ×1



(2) Power adapter × 2

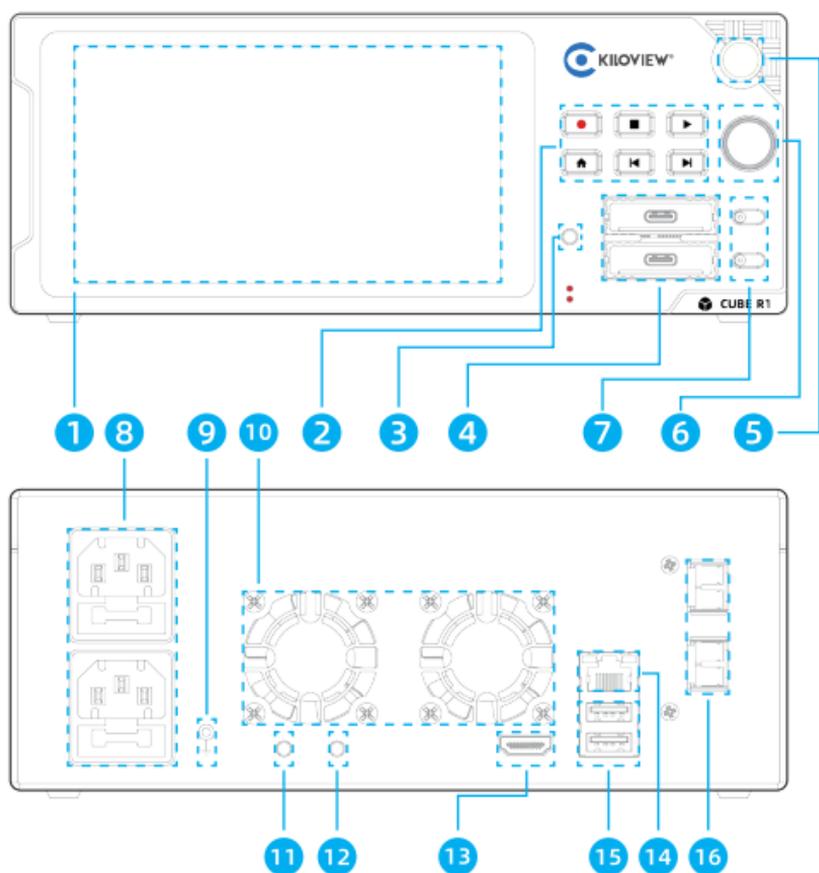


(3) warranty card × 1



(4) "Quick Start" manual × 1

2 Device interface

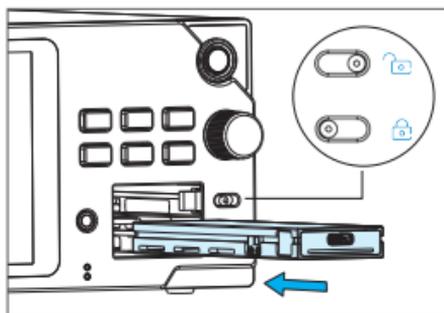


- | | |
|-----------------------------------|----------------------------------|
| (1) LCD touch Screen (5.5 inches) | (9) Ground Wire Interface |
| (2) Control Buttons | (10) Cooling Fan |
| (3) Line OUT | (11) Line OUT |
| (4) Hard Drive Port | (12) Line IN |
| (5) Power Switch | (13) HDMI interface |
| (6) Control Knob | (14) 1000M Ethernet Port |
| (7) Hard Drive lock | (15) USB Interface |
| (8) Power Interface | (16) 10Gbps SFP+ Fiber Interface |

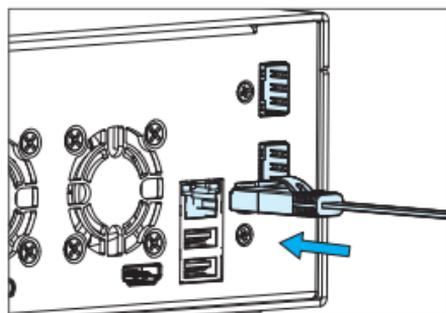
3 Button Description

Button	Recording Home Page	Video Playback Page
 Rec	Long press for 3s: Start recording; Single press: Invalid	/
 STOP	Long press for 2 seconds: Stop recording, Single press: Invalid	/
 PLAY	Click: Enter the secondary page	Click: Pause/Play
 HOME	/	Back to Home
 SKIP	Click: Previous pane	Click: Jump to the first frame of the video file
 SKIP	Click: Next pane	Click: Jump to the last frame of the video file
 Scroll Wheel	Rotate the selection pane and set the button, press to enter the secondary page	Press: Pause/play to confirm, In pause mode: advance frames clockwise, and push frames backward counter clockwise In playback mode: rotate the wheel to control the playback speed

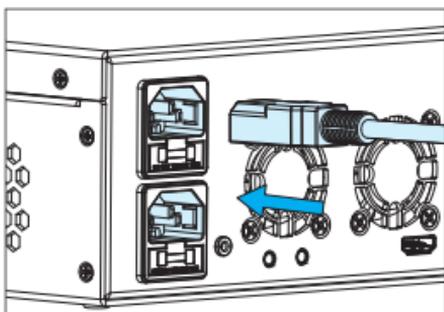
4 Device Startup



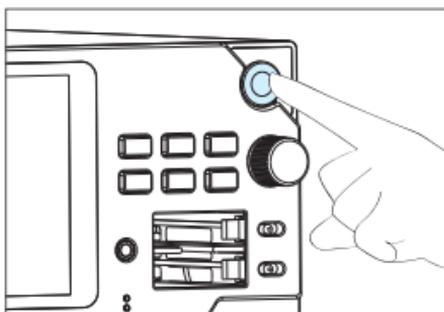
1. Insert the hard disk and push the lock switch to the locked status.



2. Connect the network cable to the switch or computer.



3. Connect the power adapter to the power port of the device.



4. Press the power button to start the device.

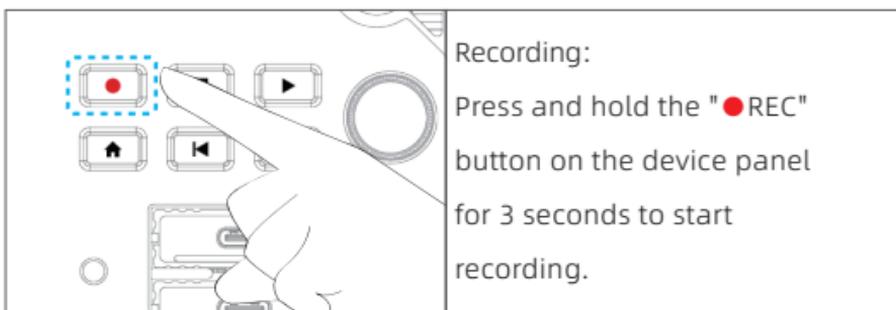
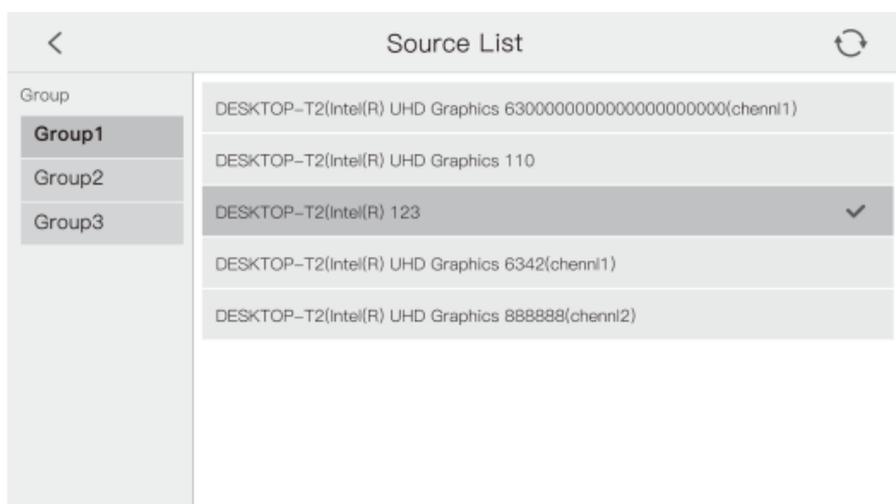
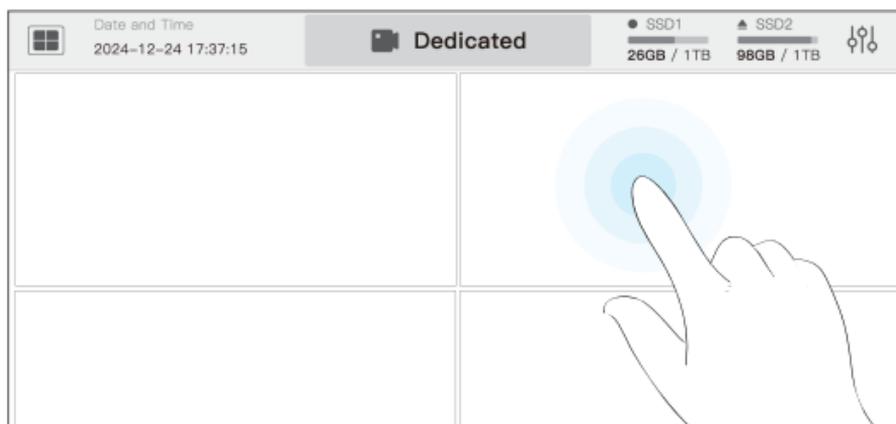
5 Power-on Guide

After powering on the device, select the desired language to proceed with network configuration. The network configuration supports both manual setup and DHCP settings. Once you have configured the network as needed, click "Next" to select the time zone, and then you can complete the guided setup and access the device's main interface.

CUBE R1	Skip
IP Allocation	DHCP <input type="button" value="v"/>
IP	192.168.3.11
Subnet Mask	255.255.255.0
Gateway	192.168.3.1
DNS	8.8.8.8
<input type="button" value="Previous"/>	<input type="button" value="Next"/>

5.1 Record

Click the video preview window on the touch screen to select the video source you want to record.



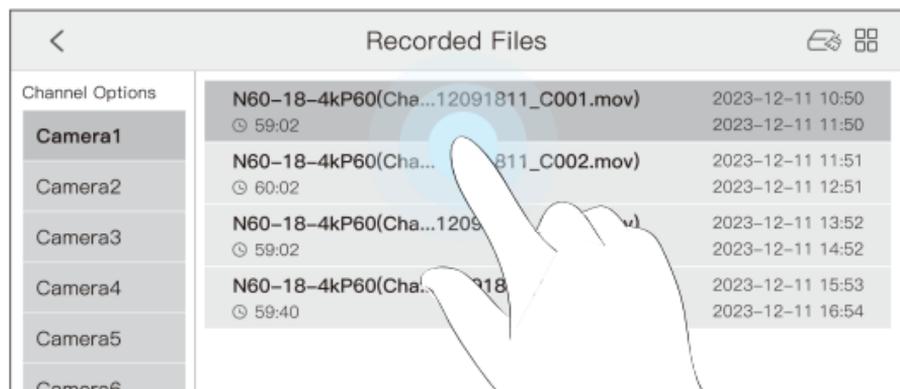
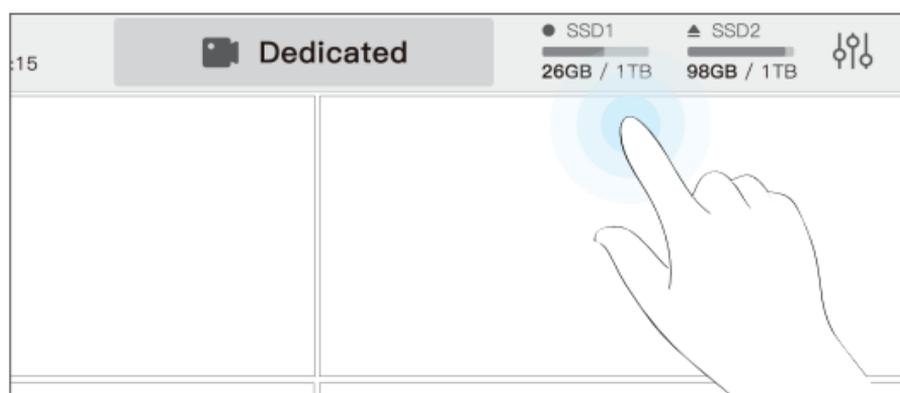
Recording:
Press and hold the "●REC"
button on the device panel
for 3 seconds to start
recording.

5.2 Stop



5.3 Playback

Click " ▲ DISK " on the top of the touch screen to select the recording file you want to play back.



6 Device Web Management Page

In addition to using the LCD display to quickly set up the device, the device also supports the WEB management system to operate and manage the device. If you need to log in to the device management page, just enter <http://device IP address/> in the browser address bar to access the device management page. (The default login username is “admin” and the password is “admin” . To ensure information security, it is recommended that you change your password immediately after the first login!)

7 Notes



Disks and Storage

- If a new hard drive is inserted , it needs to be formatted before recording ;
 - If you format an old hard drive, you need to make sure that the data in the hard drive is backed up ;
 - The device only supports the file system format of ex-FAT. You need to confirm that the disk format is ex-FAT before starting recording;
-



Recording

- If you need to remove the hard disk, please stop recording first and then unlock the lock switch. If you unlock the lock switch during recording, the system will automatically stop recording (if you unplug the hard disk directly without the lock switch, the recorded video will be damaged and cannot be played) ;
-



Safety

- The device is equipped with a grounding interface on the back. It is recommended that customers use the ground wire to ground the device in time to avoid power short circuit accidents .
 - If the device is not used for a long time, please unplug the power supply and keep the device properly to extend its service life ;
-



Others

- The screen preview uses the sub-stream of the NDI stream, so the image quality may be blurry, but it does not affect the quality of the recorded file ;
 - Currently, Line OUT only supports front panel interface output, and will support dual interface use through software updates in the future ;
 - If the IP is filled in incorrectly during the boot process or needs to be modified, click Settings in the upper right corner of the device display - Network Settings - Ethernet - IP Address to reset it;
-

Disclaimer: We hereby inform you that our company cannot guarantee that this solid state disk will not fail during use, nor does it guarantee the security and integrity of the data stored in this product. To ensure data security, we strongly recommend that you regularly back up all important data stored on various storage devices to avoid irreparable losses caused by accidental data loss.

Our company is not responsible for any loss or damage caused by your use or operation of this solid state disk.



For more information and assistance regarding the use of the CUBE R1 , please visit the Kiloview official website at:

<https://www.kiloview.com/en/ndi/kiloview-cube-r1-recorder-system/>

快速入门手册

CUBE R1

NDI High Bandwidth+NDI|HX

NDI多通道录制系统

(V3.3)



通过本手册，您可以了解到

- 设备清单
- 设备接口和功能
- 设备开启、连接和基本功能使用
- 设备操作注意事项

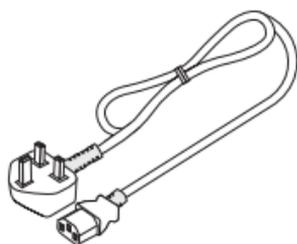
在您正式使用本产品之前，建议您仔细阅读本产品使用说明书。为确保您的人身安全及避免设备受到物理或电气损伤，请严格遵照本说明书的指导或在专业人员指导下进行安装使用本产品。不正确的电气连接或物理安装方式将有可能造成设备的永久损伤，甚至威胁人身安全。

由于产品不断升级更新，您所购买的产品可能与本手册得内容有所变更，请以包装箱内产品实际为准。

1 设备清单



(1) 主机×1



(2) 电源适配器×2

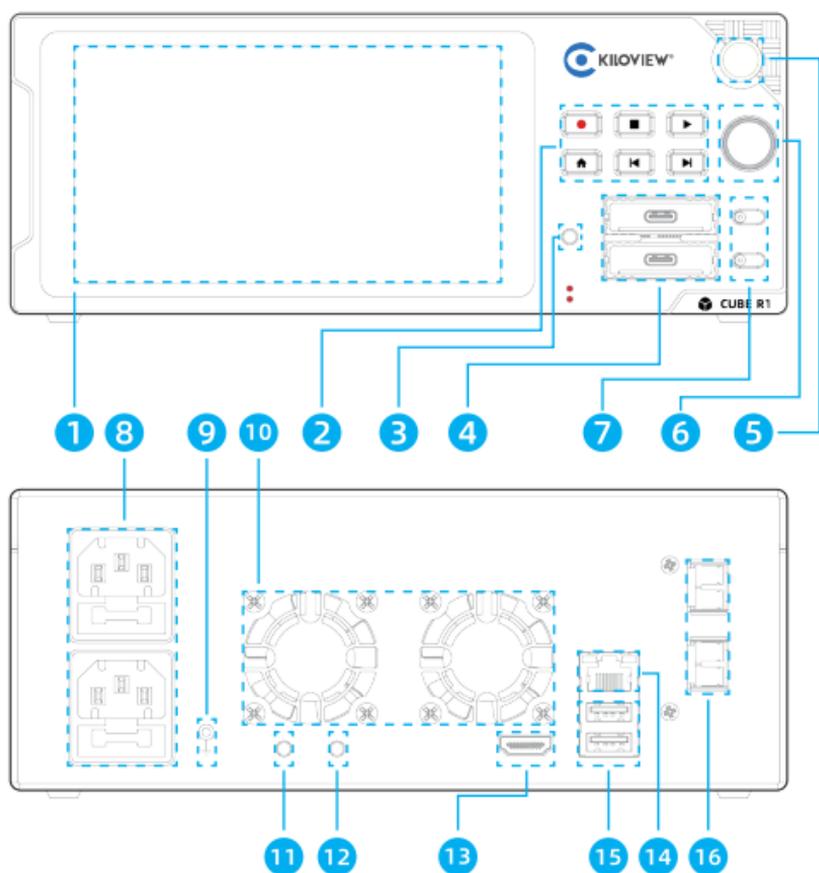


(3) 合格证/保修卡×1



(4) 《快速入门》手册×1

2 设备接口



(1) LCD触摸屏 (5.5英寸)

(2) 控制按键

(3) Line OUT

(4) 硬盘插口

(5) 电源开关

(6) 控制旋钮

(7) 硬盘锁止

(8) 电源接口

(9) 地线接口

(10) 散热风扇

(11) Line OUT

(12) Line IN

(13) HDMI接口

(14) 1000M以太网口

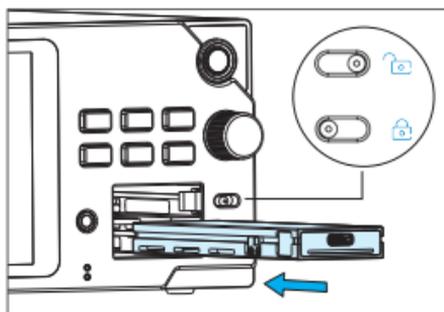
(15) USB接口

(16) 10Gbps SFP +光纤接口

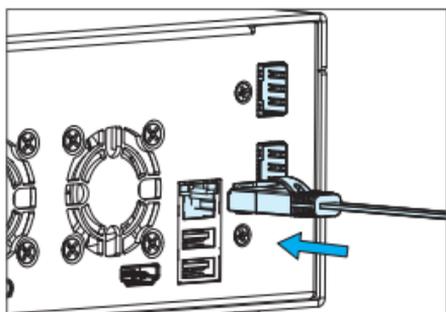
3 按键说明

按键	录制首页	视频回放页
● REC	长按 3s: 开启录制, 单按: 无效	/
■ STOP	长按 2s: 停止录制, 单按: 无效	/
▶ PLAY	按一下: 进入二级页面	按一下: 暂停/播放
🏠 HOME	/	返回至首页
◀ SKIP	按一下: 上一个窗格	按一下: 跳至视频文件最首帧
▶ SKIP	按一下: 下一个窗格	按一下: 跳至视频文件最末帧
○ 滚轮	旋转选择窗格和设置按钮, 按下进入二级页面	按下: 暂停/播放确认 暂停模式下: 顺时针方向前进帧, 逆时针向后推帧 播放模式下: 旋转滚轮控制播放速度

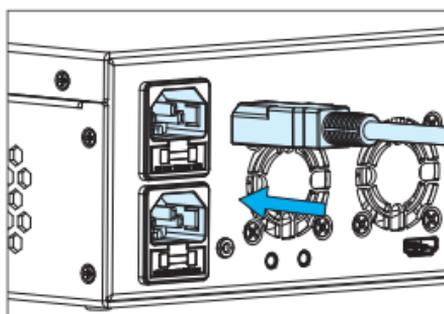
4 设备开机



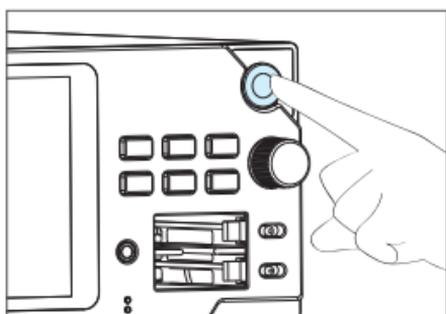
1. 插入硬盘并将锁止开关拨动到锁定状态。



2. 将网线连接至交换机或计算机。



3. 将电源适配器连接到设备的电源口。



4. 按下电源开关设备完成开机。

5 开机指引

开机进入引导页面选择需要的语言后即可对设备进行网络配置，网络配置支持手动设置和DHCP设置，按需要设置好网络后点击下一步选择时区后即可完成引导设置进入设备主页。

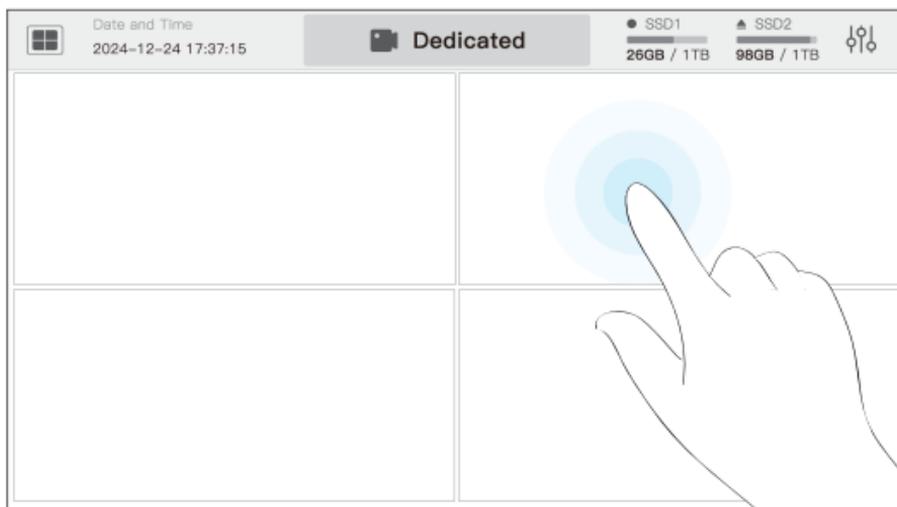
CUBE R1 跳过

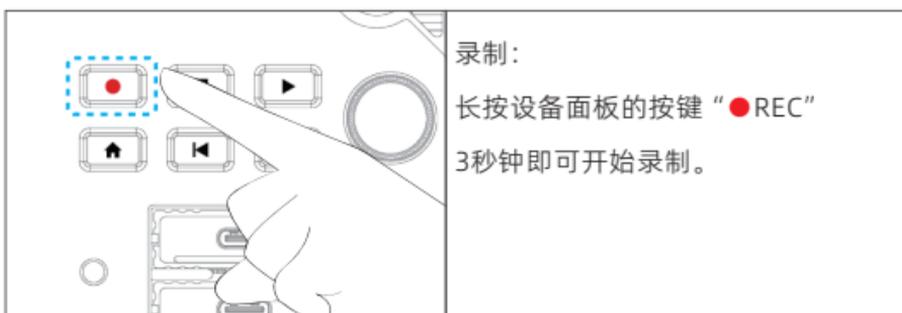
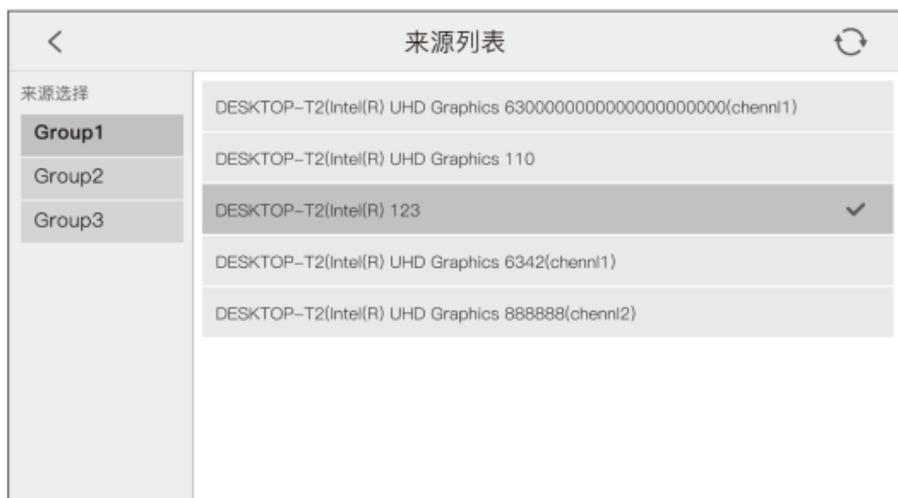
IP分配	DHCP ▼
IP地址	192.168.3.11
子网掩码	255.255.255.0
网关	192.168.3.1
DNS	8.8.8.8

上一步 下一步

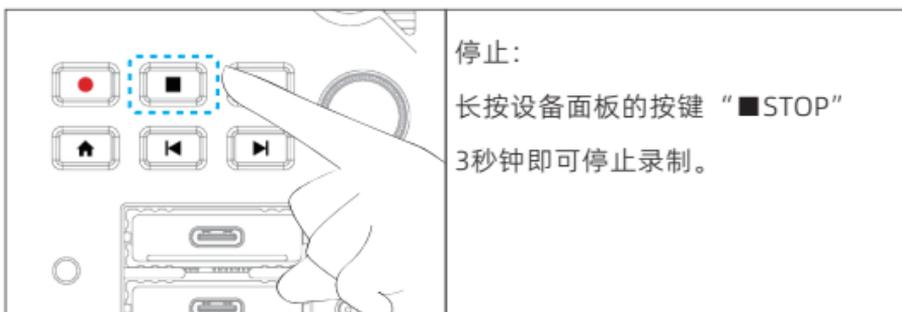
5.1 录制

点击触摸屏的视频预览窗口选择需要录制的视频源。



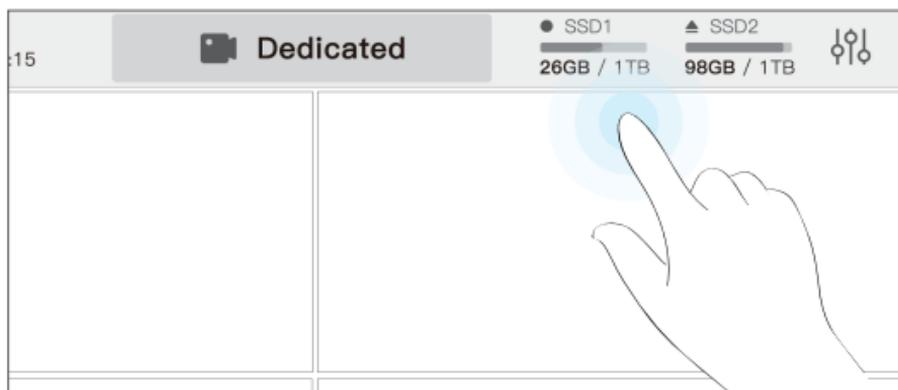


5.2 停止



5.3 回放

点击触摸屏上方的“▲ DISK”选择需要回放的录制文件即可进行回放。



6 设备WEB管理页

设备除了可以使用 LCD 显示屏对设备进行快捷设置操作外还支持 WEB 管理系统来操作和管理设备。如需登录设备管理页面，只需在浏览器地址栏输入 <http://设备IP地址/> 即可访问设备管理页面。（默认的登录用户名是 admin，密码是 admin。为保证信息安全，建议您初次登录后、立即修改密码！）

7 注意事项

磁盘与存储

- 如果插入的是新硬盘则录制前需要格式化；
 - 若对旧硬盘进行格式需要确认好硬盘内的资料是否做好备份；
 - 设备仅支持文件系统格式为 ex-FAT， 在开始录制前需确认磁盘格式为 ex-FAT；
-

录制

- 若需拆下硬盘需要先停止录制再打开锁止开关， 若在录制中打开锁止开关系统会自动停止录像（若无锁止开关直接拔下硬盘会导致录制的视频损坏无法播放）；
-

安全

- 设备后方配置接地接口， 建议客户使用时及时使用地线接地， 避免电源短路事故发生；
 - 如设备长期不使用， 为延长设备使用寿命， 请拔掉电源， 妥善保管设备；
-

其他

- 画面预览使用的是 NDI 流的子码流， 因此可能存在画质较为模糊的情况， 但并不影响录制文件的画质；
 - 目前 Line OUT 仅支持前面板接口输出， 后续通过软件更新的方式支持双接口使用；
 - 若引导中 IP 填写错误或需要修改 IP 可点击设备显示屏右上角设置 - 网络设置 - 以太网 -IP 地址中重新设置；
-

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<https://www.kiloview.com/cn/ndi/cube-r1>
