



**renkforce**

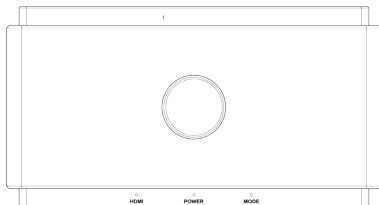
Operating Instructions

**HDMI Capture with USB Storage**

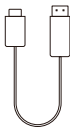
Item No. 2620931



## What's In The Box



Product



Type-C® to USB

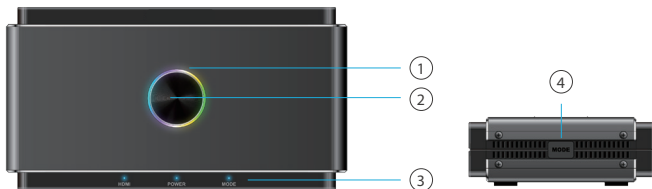


HDMI to HDMI



Instruction manual

## Signals and Buttons Instruction



### 1. LED light

- Multi-color: Ready to record
- Stable red light: Recording to external storage
- Flash in red: Warning message
- Light off: Power off

Note: When the LED light is flashing in red, it means the setup or configurations are incorrect:

- No HDMI input signal
- No USB Storage inserted on Storage/ Phone port
- Incorrect System Format for USB Storage (Click MODE button to fix)
- Incorrect Encoder Format for USB Storage (Click MODE button to fix)
- The capacity of USB Storage is full.
- Existing hidden partition in USB Storage

### 2. Record button

Click to record HDMI IN source to storage up to 1080p@60Hz.

### 3. Status signals

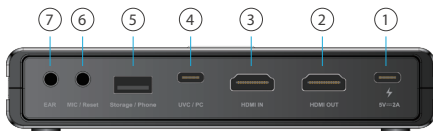
- HDMI: HDMI signal detected or not
- Power: Power ON/ OFF
- Mode: Stable light ON/ OFF for Auto HD Mode
  - Flash 2 times for MIC mix mode ON
  - Flash 4 times for MIC mix mode OFF

### 4. MODE button

Turn on Compatible Mode to ensure the recording format is compatible with both USB storage and UVC/PC recording.

- Compatible mode: 1080P@60Hz, H.264, MP4 format
- Don't switch the mode while recording

## Ports Introduction



### 1. POWER

Power up by a USB-C® adapter with 5V/2A power supply.

### 2. HDMI OUT

Connect HDMI cable to a monitor for pass-thru of HDMI IN port with up to 4K@60Hz resolution. Note that the signals from Storage/ Phone port does not support pass-thru to HDMI output source.

### 3. HDMI IN

Connect HDMI cable to any device support HDMI output. Contents transferred by an hub/ adapter may not be transmitted.

### 4. UVC/ PC

Connect USB-C to USB-A cable to a computer to stream or record the video/ audio from input source. Support third-party softwares like OBS, Potplayer, Xsplit, Skype, Zoom on Windows and OBS, Skype, Zoom, FaceTime, QuickTime Player on MacOS. Note that H.264 format is not supported for some Instant Message Applications like Facetime etc.,

### 5. Storage/ Phone

- Storage: Connect an external USB-A disk (exFAT/ FAT32 format supported) to record streaming video directly by pressing the Record button on the top of the product. Support simultaneous record to standalone USB storage and to UVC/ PC, however only as H.264 format.

- Phone: Connect a USB data cable to Android/ iOS phone to stream contents to UVC/ PC. For Android users, please download MiraPlug App before using. For iOS users, click "Trust the computer" to begin streaming/ recording.

### 6. MIC/ Reset

- MIC: Connect a 3.5mm audio cable to a microphone to mix the audio to HDMI input.  
- Reset: Use a pin to insert the MIC/ Reset jack for 10 seconds to reset to factory default.

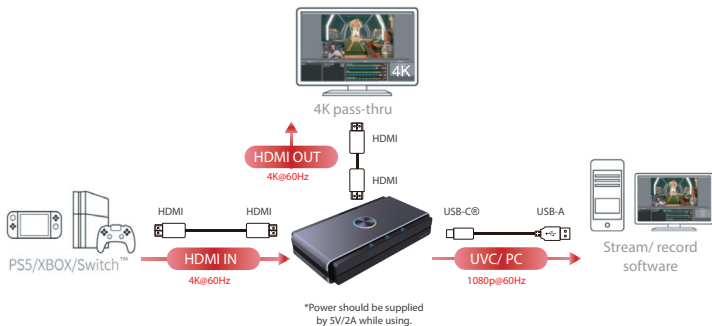
### 7. EAR

Connect a 3.5 mm earphone to listen to the mixed audio.

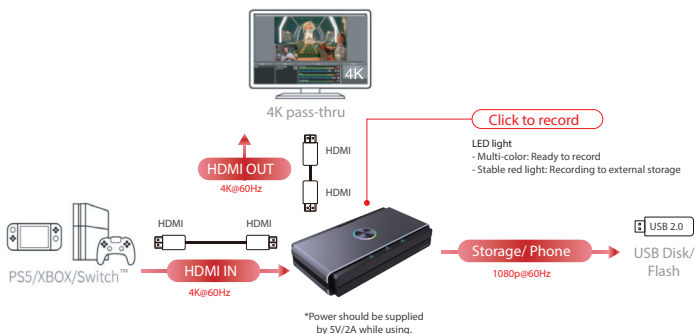


# Hardware Installation and Connection

## Capture to PC



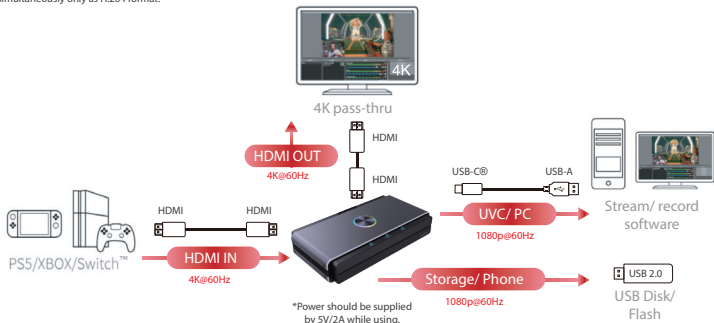
## Capture to Standalone USB Disk



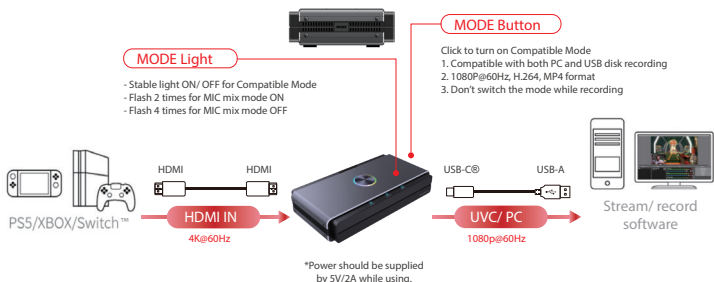
# Hardware Installation and Connection

## Capture to PC and Standalone USB Disk Simultaneously

UVC/ PC and Storage are able to record simultaneously only as H.264 format.



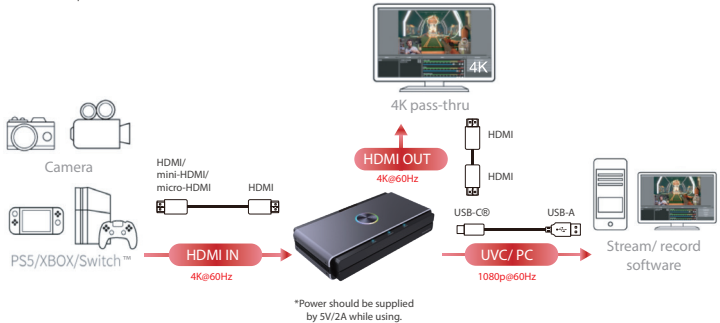
## Capture in Compatible Mode



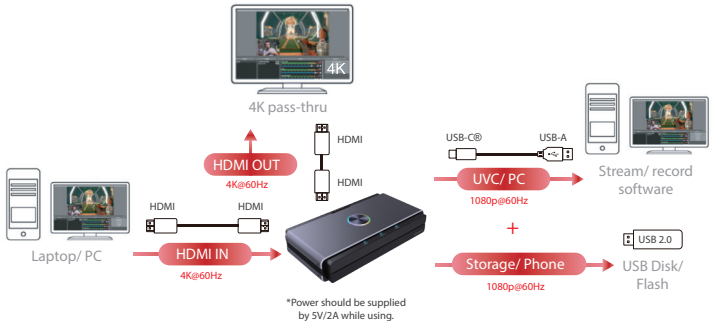
# Hardware Installation and Connection

## Capture from Camera/ Gaming Station

Standard HDMI for camera includes: HDMI, mini-HDMI, micro-HDMI  
Please use an adapter to transmit data.



## Capture from Laptop/ PC



# Hardware Installation and Connection

## Capture from Phone

### Note:

1. Capture from phone does not support pass-thru via HDMI OUT port.
2. Mobiles can be captured via HDMI IN port for those support HDMI output.



Android

Download MiraPlug App for capture and settings



iOS

Click "Trust the computer"

USB-C  
Lightning  
micro-USB

USB-A

Storage/ Phone

1080p@60Hz



\*Power should be supplied by 5V/2A while using.

USB-C@

USB-A

UVC/ PC

1080p@60Hz



Stream/ record software

## Mix Audio from MIC



Microphone

Only audio from HDMI IN port for Pass-thru

MIC/ Reset

HDMI OUT

EAR

UVC/ PC

Storage/ Phone

HDMI IN



\*Power should be supplied by 5V/2A while using.

Mixed audio

Laptop/ PC

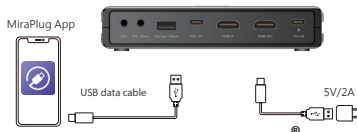
## Settings on Android/ iOS Mobile

### 1. Download MiraPlug App on mobile

Download MiraPlug App on your mobile (Android/ iOS supported).

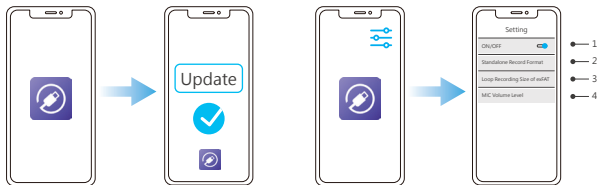
### 2. Connect mobile to product

Power up the product by an independent power 5V/1A adapter. Connect the product to the mobile with a USB data cable.



### 3. Using the MiraPlug App to Upgrade the product

Connect the mobile to the Internet and launch the MiraPlug App; the system will correct the time automatically. And checks the current version status. If the most recent version is available, please perform an update to bring the product up to date. To make the product setting change, click the setting icon in the upper right corner to enter the settings page. Android users, please enter the device settings page.



1. If you encounter a black screen while recording with a PC or laptop equipped with an Nvidia graphics card or macOS, turn off the settings to input video and sound to the product.

2. Standalone Record Format : Setting the resolution and frame rate for saving to a standalone USB disk.

3. exFAT Loop Recording Size : Set the size of each file captured to the standalone USB disk when recording in loop. Please keep in mind that any abnormal interruptions in recording will result in the file being lost or damaged.

4. Mic Volume Level : Set the volume of the microphone input on the product.

## System/ Hardware Requirement

### Operating System

- Windows 10 (64bits)
- Mac OS X 10.14 or later

### PC

- Intel® Core™ i5 CPU i5-8xxx or above / AMD Ryzen 7 or above
- NVIDIA® GeForce® GTX 660 or above / AMD Radeon™ RX 870 or above
- 8GB RAM (dual channel) or above

### Laptop

- Intel® Core™ i5 CPU i7-7xxx or above / AMD Ryzen 7 or above
- NVIDIA® GeForce® GTX 1050ti or above
- 8GB RAM (dual channel) or above

## Product information

Input	HDMI In 2.0, USB 2.0 Type A
Output	HDMI Out 2.0, USB 3.0 Type C®
Pass Through	480p@60Hz, 720p@60/50Hz, 1080i@60Hz, 1080p@60/50Hz, 4K@30/60Hz
Video Capture Resolution	USB 3.0 Type C (UVC) : 640x480p@60/30Hz, 720p@60/30Hz, 1080p@60/30Hz USB 2.0 Type A (External Storage): 640x480p@60/30Hz; 720p@60/30Hz, 1080p@60/30Hz
External Storage File System	exFAT/ FAT32
External Storage Recording Format	MPEG 4 (H.264)
Audio Mixing	3.5mm (EAR) 4-pole, 3.5mm(MIC) 4-pole
For Use With	MiraPlug App (Android/ iOS)
Weight	235g
Dimensions	150 x 80 x 30mm
Power	5V/2A