

**digitech**

# HDMI to USB Video Capture & Recorder



Model:  
**XC4663**

# Instruction Manual

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## BEFORE FIRST USE

Prior to using your product, please read all the safety and operating instructions thoroughly. Please ensure you follow the steps below before using the product. We recommend you keep the original packaging for storing the product when not in use.

Find a safe and convenient place to keep this instruction manual for future reference.

Unpack the product but keep all packaging materials until you have made sure your new product is undamaged and in good working order. Ensure you have all accessories listed in this manual.

## IN THE BOX



Video Capture & Recorder



USB-A to USB-C  
Adaptor



USB-A to USB-C  
Cable

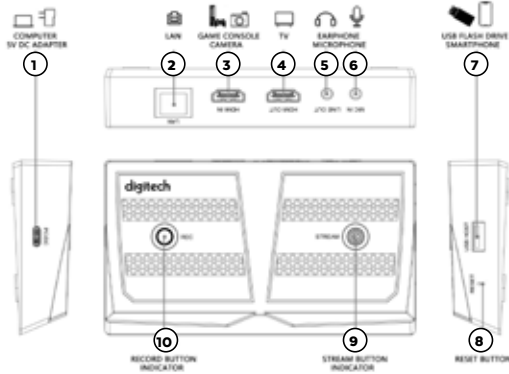


Mains Power  
Adaptor



User Manual

## PRODUCT OVERVIEW

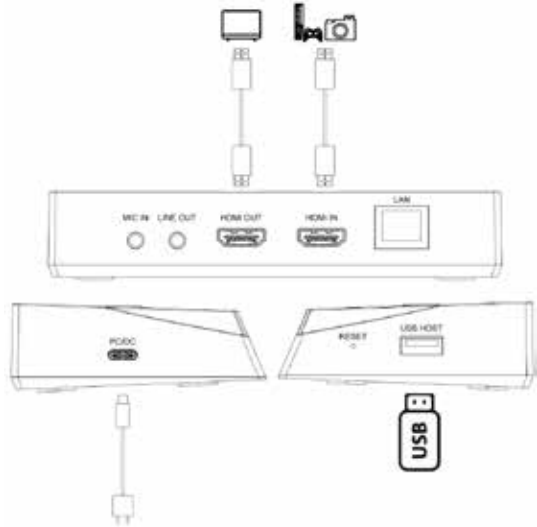


1	<b>PC/DC</b>	USB-C port can be either connected to the included mains power supply or via a free USB port on your computer for capture & streaming.
2	<b>LAN</b>	Ethernet port for connecting the device to your network. The indicator will flash when successfully connected.
3	<b>HDMI IN</b>	HDMI input should be connected to the video source, for example a gaming platform.
4	<b>HDMI OUT</b>	HDMI output can be connected to a TV or monitor for a live pass-through. Not required for the device to function.
5	<b>LINE OUT</b>	3.5mm TRS audio port, connect to earphone or speaker by audio cable. Does not work when device is connected to a smartphone.
6	<b>MIC IN</b>	3.5mm 3-pole TRS audio port, connect to a microphone to mix sound.
7	<b>USB HOST</b>	USB host, insert a USB flash drive to save video without a computer. Please note, the USB drive must be formatted in exFAT or FAT32 formats. NTFS is not supported. This input can also be used to project from a supporting mobile device to a TV or monitor.
8	<b>RESET</b>	Reset button, press to reset the device.
9	<b>STREAM</b>	Stream button for streaming via Ethernet. Press the button to start streaming, and again to stop. The colour will change depending on the mode. White (solid): Ready to stream Red (flashing): Not ready Green (solid): Streaming
10	<b>REC</b>	Record button is used for recording video into a USB flash drive that has been inserted into the USB Host port. Press to start recording, press again to stop. The colour will change depending on the mode. White (solid): Ready to record Red (flashing): Not ready Green (solid): Recording

# INSTRUCTIONS

## Record video to USB flash drive or USB HDD

1. Plug USB Type-C connector of included USB cable to **PC/DC** port, and USB Type-A connector to your mains power supply to power on device. REC button will flash in **RED**, it means device is not ready.
2. Use a HDMI cable to connect **HDMI IN** port and HDMI video source.
3. Use a HDMI cable to connect **HDMI OUT** port and TV or monitor. You should get video and audio on TV right now.
4. Plug an USB flash drive or USB HDD (exFAT or FAT32 format with enough space) to **USB HOST** port of device. REC button will be illuminated **WHITE** now, and it means the device is ready to record.



**NOTE:** NTFS format is not supported.

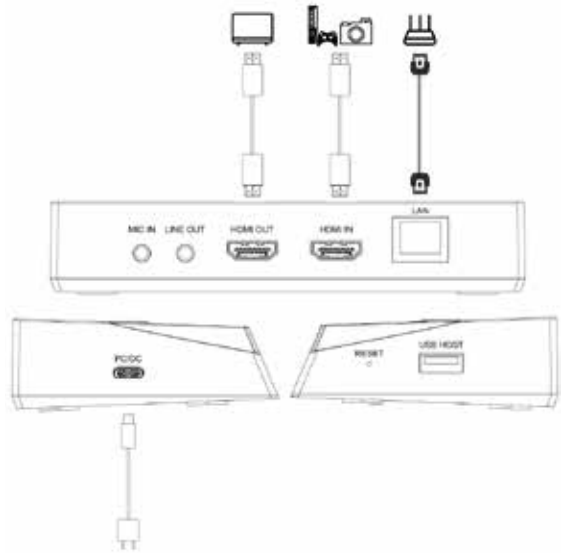
**NOTE:** If using an external hard drive, please ensure the device has sufficient power.

5. Press **REC** button to start recording, REC button will be illuminated **GREEN**, it means device is recording. Press **REC** button again to stop recording, and save the recorded file into the USB flash drive. **GREEN** REC button will be extinguished, and **WHITE** indicator is illuminated. Please plug-out USB flash drive until WHITE indicator is illuminated, which may take a few seconds.
6. Please refer to the step 5 of the next **Stream live video on YouTube with network bonding (RTMP)** guide to set recording bitrate and FPS. The default settings are 16Mbps and 60fps. The recording resolution depends on the HDMI input resolution.
7. Use FAT32 format USB flash disk to record video, the max single file is about 4GB. During recording, when the file reaches 4GB, device will automatically save a file and create another file.

**NOTE:** While the REC indicator is flashing in RED, it means the setup or configurations are incorrect: No HDMI signal input. No USB storage inserted in USB HOST port. Incorrect system format for USB storage. The capacity of USB storage is full.

## Stream live video on YouTube with network bonding (RTMP)

1. Plug USB Type-C connector of included USB cable to **PC/DC** port, and USB Type-A connector to your USB DC adapter (5V2A, included) to power on device. **STREAM** button will flash in **RED**, it means device is not ready to stream.
2. Use a HDMI cable to connect **HDMI IN** port and HDMI video source.
3. Use a HDMI cable to connect **HDMI OUT** port and TV or monitor. You should get video and audio on TV right now.
4. Use a network cable to connect your network and **LAN** port of device, and **GREEN** LAN port indicator will be illuminated, means connected well, and **ORANGE** indicator flashes, means network is ready.
5. Please make sure that the device is in the same LAN as the computer where you set RTMP. Please go to <http://www.cddownload.top/hdvrpro.zip>, download and get **HDMI PVR XC4663-win** and **HDMI PVR XC4663-mac** folders. Please select according to your computer's operating system. Open the folder and double click **HDMI PVR XC4663.exe** and a window will appear. It will start to scan the device until it shows your **HDMI PVR XC4663** with a MAC address. Please click on **HDMI PVR XC4663** and a web page will open as below.



Format settings	Streaming settings
Resolution <input type="text" value="1920x1080"/>	RTSP URL <input type="text" value="rtsp://192.168.0.32/live"/> <input type="button" value="Copy URL"/>
Bitrate <input type="text" value="4000000"/>	RTMP(S) <input type="text" value="rtmp://sendtc3a.douyu.com/live"/>
FPS <input type="text" value="60"/>	<input type="text" value="6494996i2rz6oUJ?wsSecret=19"/>
GOP <input type="text" value="30"/>	<input type="text" value="0"/>
<input type="button" value="Save"/>	<input type="button" value="Save"/>

The **Format settings** list on the left includes settings of **Resolution, Bitrate, FPS and GOP**, they are for both of RTMP/RTSP and recording video in USB flash drive when you use the both functions at the same time. Please click **Save** to finish the setting.

**Resolution:** 1920 x 1080, 1280 x 720, 640 x 480. Only for RTMP streaming video.

**Bitrate:** Less than or equal to 16000000bps. For both of record in USB flash drive and RTMP.

**FPS:** Less than or equal to 60pfs. For both of record in USB flash drive and RTMP.

The **Streaming settings** list on the right includes **RTSP URL, RTMP - Stream URL and Stream key**. Please fill in the **Stream URL and Stream key** according to your streaming platform and account, such as YouTube, Facebook, and click **Save** to finish the settings.

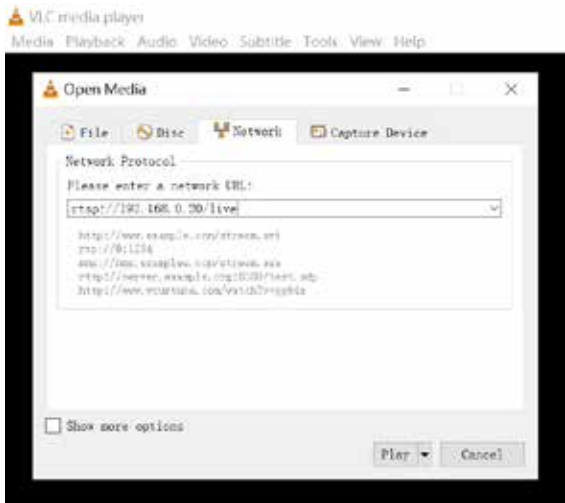
**STREAM** button will be illuminated **WHITE** now, and it means device is ready to stream.

6. Press **STREAM** button to start streaming, **STREAM** button will be illuminated **GREEN**, it means device is streaming. Press **STREAM** button again to stop streaming, **GREEN STREAM** button will be extinguished, and **WHITE** indicator is illuminated.

**NOTE:** While the **STREAM** indicator is flashing in **RED**, it means the setup or configurations are incorrect: No HDMI signal input. No network connected or no network. RTMP URL and key are not set.

## RTSP

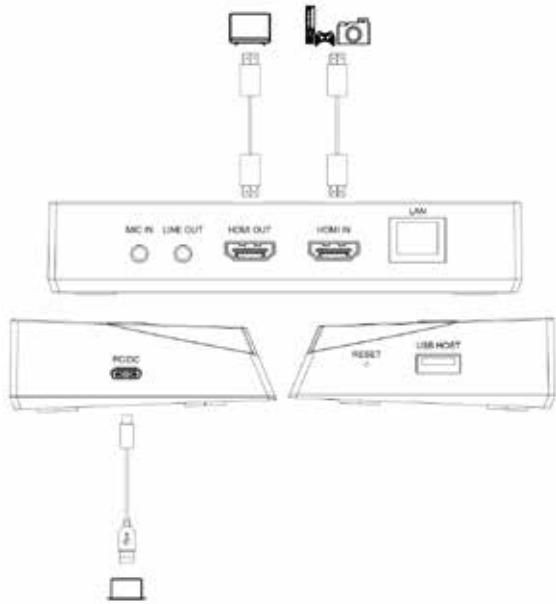
1. After you finished steps 1 to 5 in above **Stream live video with network bonding (RTMP)** instruction, you should get the **RTSP URL** such as **rtsp://192.168.x.xx/live**.
2. Please use a computer on the same local area network to go to <https://www.videolan.org>, download **VLC media player** and install it.
3. Open VLC media player, and click **Media** and select **Open Network Stream**, and fill in the **RTSP URL** as picture, then click **Play** to view the video from Digitech HDMI to USB Capture & Recorder device. **RTSP URL** will automatically display on the web settings page, it comes from the network the device is connected to.
4. You can also install the VLC app on your smartphone, and get the video through RTSP settings. Of course, you need to set your smartphone to the same local network as Digitech HDMI to USB Capture & Recorder device.



**NOTE:** You can record HDMI video in USB flash drive and stream video through RTMP/RTSP at the same time. Please do not set the high bitrate when you stream video.

## Capture and stream HDMI video by software on computer

1. Plug USB Type-C connector of included USB cable to **PC/DC** port, and USB Type-A connector to computer USB 3.0 port. Please use the included USB adapter with cable together if computer is USB 3.0 Type-C port.
2. Use a HDMI cable to connect **HDMI IN** port and HDMI video source.
3. Use a HDMI cable to connect **HDMI OUT** port and TV or monitor according your need. You should get video and audio on TV right now.
4. Please go to <https://obsproject.com/> to download OBS and install on your computer. Click on the +icon of OBS, and select **Video Capture Device**, and click **OK** of new window, then select



**Digitech HDMI to USB Capture & Recorder** in Device list. Please select **Output desktop audio (WaveOut)** in the **Audio Output Mode** list. Tick Use custom audio device, and select **Digitech HDMI to USB Capture & Recorder** in the **Audio Device** list. You will see the video from Digitech HDMI to USB Capture & Recorder appear in the preview window.

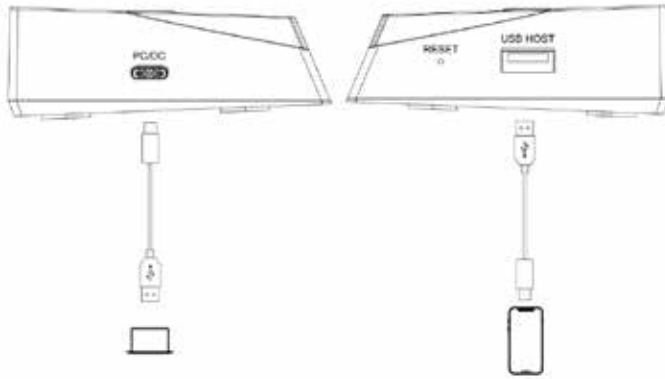


5. We do not suggest recording video in USB flash drive and capturing streaming video by software on computer at the same time. This may cause the video to freeze or even fail to achieve. But if you do that, please setup **Video Format** to **H.264** on software.

6. You can click the **Help** icon to learn more how to record and stream video on OBS.



## Capture and stream smartphone video by software on computer



1. Plug USB Type-C connector of included USB cable to **PC/DC** port, and USB Type-A connector to computer USB 3.0 port. Please use the included USB adapter with cable together if computer is USB 3.0 Type-C port.
2. Use the original USB cable of your smartphone to connect your phone and **USB HOST** port of device. Please click **Trust** and fill in the **password** of your phone.
3. Please go to <https://obsproject.com/> to download OBS and install on your computer. Click on the +icon of OBS, and select **Video Capture Device**, and click **OK** of new window, then select **Digitech HDMI to USB Capture & Recorder** in Device list. Select **Resolution/ FPS** Type to be **Custom**, then select Resolution and FPS you want, and must select **Video Format** to **H.264**. Please select **Output desktop audio (WaveOut)** in the Audio Output Mode list. Tick **Use custom audio device**, and select **Digitech HDMI to USB Capture & Recorder** in the **Audio Device** list. You will see the video from **Digitech HDMI to USB Capture & Recorder** appear in the preview window.
4. You can click the **Help** icon to learn more how to record and stream video on OBS.
5. **The device only supports iPhone and iPad right now, and will support Android smartphone in the future.** Please **ONLY** select **H.264** video format when you capture or stream smartphone video by software on computer. When you connect smartphone to device, please do not connect HDMI input of device, and device has no HDMI output and earphone output, and cannot get RTMP and RTSP function through LAN port.
6. Some software involving private information does not support H.264 format, such as Facetime and etc.

**NOTE:** If device went to dead, use a needle (stick) press the **RESET** key on product side.

## SPECIFICATIONS

<b>Interface</b>	USB-C, USB-A
<b>Video Input</b>	HDMI, USB-A
<b>Audio Input</b>	HDMI, USB-A, 3.5mm TRS
<b>Video Output</b>	HDMI, USB-C, Ethernet
<b>Audio Output</b>	HDMI, USB-C, 3.5mm TRS, Ethernet
<b>User Interface</b>	Record button, Stream button, Reset button, Status indicators
<b>Resolution</b>	HDMI Input/Pass-through: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p(50p/60p), 1920 x 1080 (50p/60p), 3840 x 2160 (30p/50p/60p)
	Record: 720 x 480 (60p), 720 x 576 (50p), 1280 x 720p(60p), 1920 x 1080 (60p)
	RTMP/RTSP/USB-C output: 640 x 480, 1280 x 720, 1920 x 1080, max 1080p60
<b>Storage Media</b>	USB flash drive, USB HDD, Max 2TB, supports FAT32 and exFAT.
<b>Record Quality</b>	Max 16Mbps@1080P 60fps
<b>Record File</b>	H.264 mp4 format, max 4GB per file for FAT32 format storage.
<b>USB-C output format</b>	NV12, MJPG, H.264
<b>Power Supply</b>	5V/2A
<b>Dimensions</b>	140(L) x 80(W) x 27(H) mm
<b>Weight</b>	128g

## SYSTEM REQUIREMENTS

Windows10/11 64bit, Mac OS X 10.14

**Desktop:** Intel Core i5-8xxx / AMD Ryzen 7, NVIDIA GeForce GTX 660 / AMD Radeon RX 870, 8GB RAM.

**Laptop:** Intel Core i7-7xxx / AMD Ryzen 7, NVIDIA GeForce GTX 1050ti, 8GB RAM



## WARRANTY INFORMATION

Our product is guaranteed to be free from manufacturing defects for a period of 12 Months.

If your product becomes defective during this period, Electus Distribution will repair, replace, or refund where a product is faulty; or not fit for intended purpose.

This warranty will not cover modified product; misuse or abuse of the product contrary to user instructions or packaging label; change of mind and normal wear and tear.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and failure does not amount to a major failure.

To claim warranty, please contact the place of purchase. You will need to show receipt or other proof of purchase. Additional information may be required to process your claim.

Any expenses relating to the return of your product to the store will normally have to be paid by you.

The benefits to the customer given by this warranty are in addition to other rights and remedies of the Australian Consumer Law in relation to the goods or services to which this warranty relates.

This warranty is provided by:

Electus Distribution

Address 46 Eastern Creek Drive, Eastern Creek NSW 2766

Ph. 1300 738 555