

# 4K144 Video Capture/ Docking U-BOX

## CD207

### About this item :

- Ultra HD 4K@144Hz Capture:** CD207 capture card supports 4K@144Hz / 4K@60Hz / 2K@144Hz / 2K@120Hz / 1080P@240Hz capture and recording MJPEG video format, allowing you to stream and record videos with high quality. Perfect streaming solution for streamers, gamers, creators. *Note: The USB 3.0 Type A or Type C output device is required for optimal performance and low delay.*
- Powerful 4K HDMI Input and Passthrough:** The video capture card supports 4K@144Hz Input and 4K@144Hz Loop-out. It also supports VRR to reduce image tearing and stuttering and HDR enhances the colors of game visuals.
- Triple 3.5mm Ports Design:** The HDMI capture card is built in an audio jack for headphones and speaker, a mic jack for an active microphone, and a line-in jack for the mixer to meet multiple usage scenarios like live streaming, live conference, gaming recording.
- Wide Compatibility:** The capture for streaming is compatible with Windows, MacOS, Linux, iOS 17, and Android. It easily records and streams HDMI video from Switch, PS5 to iPad, laptop, PC. Suitable for live streaming, and editing on OBS, XSplit, and Potplayer.



### System Requirements:

|         | Windows 10 x64 above (support UVC)            | MacOS 13.X above (support UVC)   |
|---------|-----------------------------------------------|----------------------------------|
| Desktop | Intel Core i7-6xxx equivalent or above        | 3.6 GHz quad-core Intel Core i7  |
|         | NVIDIA GeForce GTX1050Ti equivalent or above  | Radeon Pro 555 with 2 GB of VRAM |
|         | 16 GB RAM                                     | 16 GB of 2400 MHz DDR4 memory    |
|         | available USB 3.2 Gen 2Port                   |                                  |
| Laptop  | Intel Core i7-7700HQ equivalent or above      |                                  |
|         | NVIDIA GeForce GTX1050 Ti equivalent or above |                                  |
|         | 16 GB RAM                                     |                                  |
|         | available USB 3.2 Gen 2 Port                  |                                  |



# Specification:

|   | Item             | Function Description                                                                                                                |
|---|------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| 1 | HDMI input       | Connect HDMI source input                                                                                                           |
| 2 | DP input         | Connect DP Alt. Mode source input                                                                                                   |
| 3 | HDMI bypass      | Connect a monitor for pass-through purpose                                                                                          |
| 4 | Line in          | Connect external audio input for audio mixing                                                                                       |
| 5 | Headphone        | Connect Headphone to monitor the HDMI audio input and Line in audio input.                                                          |
| 6 | MIC in           | Connect MIC input for audio mixing                                                                                                  |
| 7 | Type C USB to PC | Connect to the PC to perform the UVC/UAC capture                                                                                    |
| 8 | Input Switch     | Switch the HDMI / DP input<br>Move to the right position = HDMI input<br>Move to the left position (near the Type C USB) = DP input |

|                                             |                                                                                                                                                                                                                                                                                                                         |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Interface                                   | USB 3.2 (Gen 2) Type-C                                                                                                                                                                                                                                                                                                  |
| Video Input/Pass-Through                    | HDMI 2.1/TYPE C IN                                                                                                                                                                                                                                                                                                      |
| Max. Pass-Through Resolution                | 2160p144 HDR/VRR, 3440x1440p120 HDR/VRR, 1440p240 HDR/VRR, 1080p360 HDR/VRR                                                                                                                                                                                                                                             |
| Audio Input                                 | HDMI 2.1, 3.5mm Line In (TRS 3-pole)                                                                                                                                                                                                                                                                                    |
| Audio Input                                 | 3.5mm headset microphone input (CTIA 4-pole)                                                                                                                                                                                                                                                                            |
| Audio Output                                | HDMI 2.1 (pass-through), 3.5mm headset earphone output (CTIA 4-pole)                                                                                                                                                                                                                                                    |
| Max. Record Resolution - USB 3.2 gen 2 port | 3840 x 2160 - 144fps/MJPG, 60fps/NV12, 50fps/YUY2, 30fps/RGB24/P010.<br>3440 x 1440 - 144fps/MJPG, 60fps/NV12/YUY2, 30fps/P010.<br>2560 x 1440 - 144fps/MJPG/NV12, 120fps/P010, 60fps/YUY2/RGB24.<br>2560 x 1080 - 144fps/MJPG/NV12, 120fps/YUY2/P010/RGB24.<br>1920 x 1080 - 240fps/MJPG/NV12, 120fps/YUY2/P010/RGB24. |
| Max Record Resolution - USB 3.2 gen 1 port  | 3840 x 2160 - 144fps/MJPG, 30fps/NV12, 25fps/RGB24.<br>3440 x 1440 - 144fps/MJPG.<br>2560 x 1440 - 144fps/MJPG, 60fps/NV12/YUY2, 30fps/P010/RGB24.<br>2560 x 1080 - 144fps/MJPG, 120fps/NV12/YUY2/RGB24, 30fps/P010.<br>1920 x 1080 - 240fps/MJPG, 120fps/NV12, 60fps/YUY2/P010/RGB24.                                  |
| Record Format                               | YUY2, NV12, RGB24, P010 (HDR), MJPG                                                                                                                                                                                                                                                                                     |

