

## Capture Devices

# HDMI to USB-C Capture Box

## CAP-2A

|                                |                                                                                                                                                                                                                              |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Input                          | 1x HDMI                                                                                                                                                                                                                      |
| Output                         | 1x USB 3.2 (Type-C)<br>1x HDMI Loop through                                                                                                                                                                                  |
| Input Video Bandwidth          | Up to TMDS (18G)                                                                                                                                                                                                             |
| Output Video Bandwidth         | USB-C: Up to 5 Gbps<br>HDMI: Up to TMDS (18G)                                                                                                                                                                                |
| Supported Input Video Formats  | 3840 x 2160p: 60/59.94/50 (HDMI loop through only)<br>3840 x 2160p: 30/29.97/25<br>2560 x 1440p: 60/59.94/50/30/29.97/25<br>1920 x 1080p: 120<br>1920 x 1080p: 60/59.94/50/30/29.97/25<br>1280 x 720p: 60/59.94/50           |
| Supported Output Video Formats | 3840 x 2160p: 30/29.97/25<br>2560 x 1440p: 60/59.94/50/30/29.97/25<br>1920 x 1080p: 120<br>1920 x 1080p: 60/59.94/50/30/29.97/25<br>1280 x 720p: 60/59.94/50/30/29.97/25                                                     |
| Audio Input                    | HDMI Embedded Audio (2-channel)<br>3.5mm stereo Line input                                                                                                                                                                   |
| Audio Format                   | Input: <ul style="list-style-type: none"><li>• 16/24 bits, 2-Channels</li><li>• 44.1KHz and 48KHz sample rate</li></ul> Output: <ul style="list-style-type: none"><li>• Up to 24-bit PCM, fixed 48KHz output (UVC)</li></ul> |
| Capture Video Format           | RGB/YUY2/NV12/I420/P010/MJPEG (USB 3.2 Gen 1)<br>MJPEG/YUY2/NV12/I420/ (USB2.0)                                                                                                                                              |
| Firmware Update                | Via USB Port                                                                                                                                                                                                                 |
| Software Compatibility         | <ul style="list-style-type: none"><li>• Windows: AMcap, Google Meet, OBS (Open Broadcast Software), TeamViewer, Xsplit Broadcaster, Zoom.us, Potplayer</li><li>• Linux: VLC, OBS</li><li>• MAC OS: OBS, VLC</li></ul>        |
| Supported OS                   | <ul style="list-style-type: none"><li>• Windows 10 x64 or above</li><li>• MacOS High Sierra 10.13 or above</li><li>• Linux OS</li></ul>                                                                                      |
| Power Supply                   | Via USB Port                                                                                                                                                                                                                 |
| Power Consumption              | Under 4.5W                                                                                                                                                                                                                   |
| Operation Temperature          | 0~40°C                                                                                                                                                                                                                       |
| Storage Temperature            | -20~60°C                                                                                                                                                                                                                     |
| Humidity                       | 20~90% RH (no condensation)                                                                                                                                                                                                  |

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| Minimum System Requirement | <ul style="list-style-type: none"> <li>• PC or Notebook Basic Interface Requirements:<br/>USB 3.2 Gen 1x1 Type C or Type A; HDMI 2.0</li> <li>• Windows Operating System: Windows® 10 x64 or above               <ol style="list-style-type: none"> <li>1. USB must support UVC protocol, meet 4Kp30 protocol requirements; HDMI must support 4Kp60 HDR</li> <li>2. Intel® Core™ i3-8XXX or above</li> <li>3. NVIDIA® GeForce® GTX 1060 or above</li> <li>4. 16 GB RAM (*dual-channel)</li> </ol> </li> <li>• Mac Operating System: MacOS High Sierra 10.13 or above               <ol style="list-style-type: none"> <li>1. USB must support UVC protocol, meet 4Kp30 protocol requirements; HDMI must support 4Kp60 HDR</li> <li>2. iMac:                   <ol style="list-style-type: none"> <li>a) 3.6GHz Quad-Core Intel Core i7</li> <li>b) Radeon Pro 555 (2GB of VRAM)</li> <li>c) 16GB 2400MHz DDR4 Memory</li> </ol> </li> <li>3. MacBook Pro:                   <ol style="list-style-type: none"> <li>a) 2.8GHz Quad-Core Intel Core i7</li> <li>b) Radeon Pro 555X (2GB GDDR5 Memory)</li> <li>c) 16GB 2400MHz DDR4 Memory</li> </ol> </li> </ol> </li> </ul> |
| Dimension (LxDxH)          | 105 x 68 x 23 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Weight                     | 75g                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| What's in the Box          | 1 x CAP-2A<br>1 x USB 3.0 Cable                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |