

# datavideo

1080P  
50/60

## CAP-1 / CAP-2

SDI/HDMI to USB 3.0 Capture Box



### CAP-1

SDI to USB 3.0 Capture Box

CAP-1 Front Panel



CAP-1 Rear Panel



### CAP-2

HDMI to USB 3.0 Capture Box

CAP-2 Front Panel



CAP-2 Rear Panel



CAP-1 and CAP-2 are SDI and HDMI to USB 3.0 Capture devices, which support video formats up to 1080p50/60. Plug and play in the various operating systems such as Windows, Linux, and Mac OS X. It features a stereo line-in external audio, which can be switched as SDI/HDMI embedded audio or external line-in audio. Additional settings can be made for flexible and powerful video capturing.



### Plug-and-Play

Supports UVC with automatic video resolution and frame rate detection.



### USB 3.0 Interface

No external power is needed.



### Compatible with various operating systems

Support Windows: Amcap, Google Plus Hangouts, OBS (Open Broadcast Software), Skype, VLC, Xsplit Broadcaster, Zoom.us  
Linux: VLC, OBS  
Mac OS X: OBS, Quicktime player, VLC, Facetime



### External audio support (line-in)

Switched as SDI/HDMI embedded audio or external line-in audio.

| Model                          | CAP-1  |  | CAP-2  |  |
|--------------------------------|--|--|--|--|
| Product Name                   | SDI to USB 3.0 Capture Box   |  | HDMI to USB 3.0 Capture Box  |  |
| Input                          | 1x HD/3G-SDI   |  | 1x HDMI  |  |
| Output                         | 1x USB 3.0 (Micro B) 1x SDI loopthrough  |  | 1x USB 3.0 (Micro B)   |  |
| Input Video Bandwidth          | 150MHz (pixel clock rate)  |  | 150MHz (pixel clock rate)  |  |
| Output Video Bandwidth         | Up to 350Mbps (USB)  |  | Up to 350Mbps (USB)  |  |
| Supported Input Video Formats  | 1920 x 1080p 60/59.94/50/30/29.97/25/24/23.976<br>1280 x 720p 60/59.94/50  |  | 1920 x 1080p 60/59.94/50/30/29.97/25/24/23.976<br>1280 x 720p 75/60<br>1680 x 1050p 60<br>1600 x 1200p 60<br>1440 x 900p 75/60<br>1400 x 1050p 60<br>1366 x 768p 60<br>1360 x 768p 60<br>1280 x 1024p 75/60  |  |
| Supported Output Video Formats | 1920 x 1080p 60/59.94/50/30/29.97/25/24/23.976<br>1280 x 720p 60/59.94/50  |  | 1920 x 1080p 60/50/30/25/24<br>1680 x 1068p 60<br>1440 x 1080p 60<br>1440 x 896p 60<br>1360 x 768p 60<br>1280 x 768p 60<br>1280 x 720p 60/50   |  |
| Audio Input                    | SDI Embedded Audio & 3.5 mm stereo in  |  | HDMI Embedded Audio & 3.5 mm stereo in   |  |
| Audio Format                   | 2 Channel, 16 bit PCM  |  | 2 Channel, 44.1 and 48KHz sample rate, up to 24 bit PCM  |  |
| Capture Video Format           | YUY2 (USB3.0), MJPG (USB2.0/3.0)   |  | YUY2 (USB3.0), MJPG (USB2.0/3.0)   |  |
| Firmware Update                | Via USB Port   |  | Via USB Port   |  |
| Software Compatibility         | Windows: Amcap, Google Plus Hangouts, OBS (Open Broadcast Software), Skype, VLC, Xsplit Broadcaster, Zoom.us<br>Linux: VLC, OBS<br>Mac OS X: OBS, Quicktime player, VLC, Facetime  |  | Windows: Amcap, Google Plus Hangouts, OBS (Open Broadcast Software), Skype, VLC, Xsplit Broadcaster, Zoom.us<br>Linux: VLC, OBS<br>Mac OS X: OBS, Quicktime player, VLC, Facetime  |  |
| Supported OS                   | Windows® 7(SP1) / Windows 10 / Windows 8.1 / Windows 7 (x86, x64), OS X (10.10 or above), Linux Ubuntu 14.04   |  | Windows® 7(SP1) / Windows 10 / Windows 8.1 / Windows 7 (x86, x64), OS X (10.10 or above), Linux Ubuntu 14.04   |  |
| Power Supply                   | Via USB  |  | Via USB  |  |
| Power Consumption              | 3W   |  | 2W   |  |
| Operation Temperature          | 0~40° C  |  | 0~40° C  |  |
| Storage Temperature            | -20~-60° C   |  | -20~-60° C   |  |
| Humidity                       | 20~90% RH (no condensation)  |  | 20~90% RH (no condensation)  |  |
| Minimum System Requirement     | Windows® 7(SP1) / Windows 10 / Windows 8.1 / Windows 7 (x86, x64)<br>Note: The driver is required for Windows 7 OS<br>OS X (10.10 or above)<br>Linux Ubuntu 14.04<br>PC: Intel® CoreTM i5-4440 3.10GHz +<br>NVIDIA® GeForce® GTX 660 or higher<br>Laptop: Intel® Core i7-4810MQ + NVIDIA GeForce GTX 870M or higher<br>4GB RAM or higher |  | Windows® 7(SP1) / Windows 10 / Windows 8.1 / Windows 7 (x86, x64)<br>Note: The driver is required for Windows 7 OS<br>OS X (10.10 or above)<br>Linux Ubuntu 14.04<br>PC: Intel® CoreTM i5-4440 3.10GHz +<br>NVIDIA® GeForce® GTX 660 or higher<br>Laptop: Intel® Core i7-4810MQ + NVIDIA GeForce GTX 870M or higher<br>4GB RAM or higher |  |
| Dimension (LxDxH)              | 121 x 68 x 23 mm   |  | 105 x 68 x 23 mm   |  |
| Weight                         | 92g  |  | 70g  |  |



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