



C-H-USB3

USB3 HDMI Capturing Unit



The VitBest C-H-USB3 has a superior performance, superior compatibility, easy to carry, simple installation. It can capture HDMI video input signal. It supports external analog audio input and can be selected analog or digital audio signal to capture. This product supports HDMI loop out and analog stereo audio extract output from HDMI source, capture video resolution the maximum up to 1080p60Hz. It compatibles USB3.0 chipset (Intel, Renesas, ASMedia, Fresco Logic etc.), compatible with PCIe Gen 1.1 x1 expansion via USB3.0 interface. The product meets UVC and UAC standard. Simple plug and play, no driver and setting installation required.

FEATURES

- Supports HDMI video input capture and HDMI loop output
- Supports resolution 480i~1080p60Hz format video capture
- Supports resolution 4K2K@60Hz (Down Scaler) →1080p60Hz video capture (Attention: 4K2K@50/60Hz 4:2:2 resolution not supported down scaler function.)
- HDMI input and HDMI loop output supports HDMI 2.0, HDCP 2.2, resolution the maximum up to 4K2K@60Hz(4:4:4)
- Supports analog stereo audio input. (Double audio inputs selected to capture audio.)
- Supports analog stereo audio extract output from HDMI source.
- Compatibles Windows, Linux, OS X operating systems.
- Compatibles USB3.0 about transmission rate up to 300~350MB/s.
- Compatibles VLC, OBS, XSPLIT and AMCAP etc. PC capture software.
- Simple plug and play, no drive and setting installation required.

TECHNICAL SPECIFICATIONS

TECHNICAL

Input Ports	1×HDMI IN [19-pin female] 1×AUDIO IN [3.5mm Stereo Mini-jack]
Output Ports	1×USB [USB Type A, USB3.0—300~350MB/s] 1×HDMI OUT [19-pin female] 1×AUDIO OUT [3.5mm Stereo Mini-jack]
HDMI Input Resolution	Up to 4k2k@60(4:4:4) (Attention: 4k2k@50/60Hz 4:2:2 not supported down scaler function.)
HDMI Output Capture Resolution	640×360, 640×480, 720×480, 720×576, 800×600, 856×480, 960×540, 1024×576, 1024×768, 1280×720, 1280×1024, 1280×960, 1280×800, 1368×768, 1440×900, 1600×1200, 1680×1050, 1920×1080
HDMI Loop Out Resolution	Up to 4k2k@60(4:4:4)
Frame Rate	25/29.97/30/50/59.94/60fps
Audio and Video Capture Supports OS	UVC (USB video class) and UAC (USB audio class) standard Windows 7/8/10, Linux (Kernel version 2.6.38 and above), OS X (10.8 and above)
Software Compatibility	OBS (Windows), Windows Media Encoder (Windows), Adobe Flash Media Live Encoder (Windows, OS X), VLC (Windows, OS X, Linux), QuickTime Broadcaster (OS X), QuickTime Player (OS X), Wirecast (Windows, OS X) and Potplayer (Windows) etc

MECHANICAL

Housing	Metal Enclosure
Color	Silvery
Dimensions	98mm [W] x 60mm [D] x 17mm [H]
Weight	125g
Power Consumption	3.4W
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)



About VitBest

VitBest is a professional digital audio video products manufacturer dedicates in manufacturing high quality, reliable and stable products. For audio-visual system integrators, a trustworthy distribution and control electronics components means much more than their sizes.