

HDB-301R

USB 3.1 Gen 1 (5Gb/s) Uncompressed Video/Audio Capture Box with One Channel HDMI Input and One Channel HDMI Bypass Output, 1920x1080@60p



Features

- 1-channel HDMI input and 1-channel HDMI bypass output
- Capture High-Definition HDMI video to your PC
- Capture with USB 3.1 Gen 1 (5Gb/s) bandwidth, enabling you to capture 1080p video at 60fps
- Deliver uncompressed video to your PC with ultra-low latency
- Preview the video with its original color and high video quality
- For audio mastering 48kHz audio, provides the power you need to integrate into any audio environment
- Compatible with OBS, XSplit, PotPlayer
- Support Windows/Linux (Ubuntu)/MAC OS

Specifications

Interface

Input	Video input channel	1 channel
	Video input type	HDMI
	Audio input channel	1 channel
	Audio input type	HDMI (stereo)
No Delay Pass Through	Video output channel	1 channel
	Video output type	HDMI
	Audio output channel	1 channel
	Audio output type	HDMI (stereo)

PC Interface

Type	USB 3.1 Gen 1 (5Gb/s)
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Video Processing

Color Space	YUV 4:2:2	
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/59.94p/60p	1280 x 720 30p/50p/59.94p/60p
	1680 x 1050 30p/60p	1024 x 768 30p/60p
	1440 x 900 30p/60p	800 x 600 60p
	1360 x 768 30p/60p	720 x 576 50p
	1280 x 1024 30p/60p	720 x 480 59.94p/60p
	1280 x 800 30p/60p	640 x 480 60p
	1280 x 768 30p/60p	
	1280 x 768 30p/60p	
Video Preview	1920 x 1080 24p/25p/30p/50p/59.94p/60p	1280 x 720 30p/50p/59.94p/60p
	1680 x 1050 30p/60p	1024 x 768 30p/60p
	1440 x 900 30p/60p	800 x 600 60p
	1360 x 768 30p/60p	720 x 576 50p
	1280 x 1024 30p/60p	720 x 480 59.94p/60p
	1280 x 800 30p/60p	640 x 480 60p
	1280 x 768 30p/60p	
	1280 x 768 30p/60p	

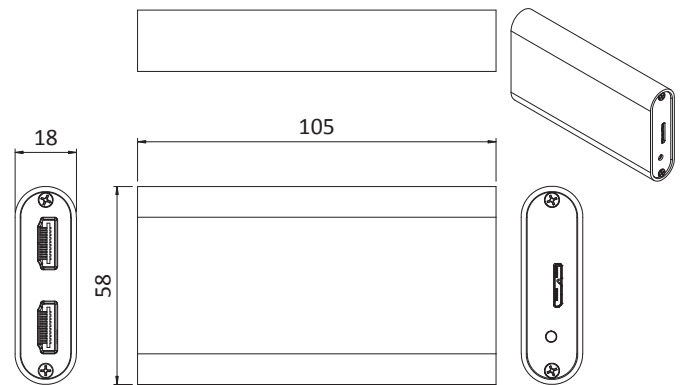
Audio Processing

Audio Sampling Frequencies	44.1k, 48k Hz
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Machine Vision/Broadcast & Post Production



Dimensions (Unit: mm)



Preview System Requirement

System	Intel® Core™ i5-3400 or above
Memory	4GB or more

Software Support

OS Support	Microsoft windows 7/ 8.1/10 (32-bit & 64-bit) Linux: Ubuntu 14.04.2 (64-bit) (Kernel version: 3.16.0-30-generic) macOS High Sierra (version 10.13) Operating System that support UVC
SDK	Windows: Provides SDK and demo program with sample source code Linux: Provides SDK and demo program with sample source code

Others

Dimensions	105 mm x 58 mm x 18 mm
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Power Consumption	4W
Weight	112g

Packing List

1 x HDB-301R	
1 x USB 3.1 Gen 1 (5Gb/s) cable	1 x QIG

Ordering Information

Part No.	Description
HDB-301R-R10	USB 3.1 Gen 1 (5Gb/s) Uncompressed video/audio capture box with one channel HDMI input and one channel HDMI bypass output, 1920x1080@60p