HDB-301R

USB 3.0 uncompressed video/audio capture box with one HDMI input channel and one HDMI output channel, 1920x1080@60p

New







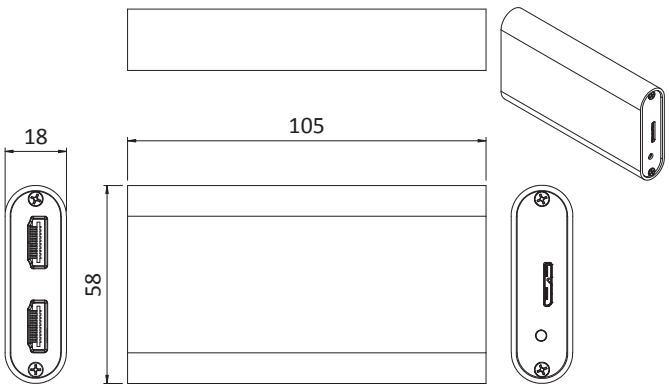
Machine Vision/Broadcast & Post Production



Features

- Equipped with one HDMI input port and one HDMI output port
- Supports for 4:2:2 color spaces to provide the highest quality for your images
- Designed for professional video, machine vision, broadcast & post production industries
- For audio mastering, 24-bit 48kHz audio provides the power you need to integrate into any audio environment
- Works with all DirectShow-compliant software

Dimensions (Unit: mm)



Specifications

◆ Interface

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

◆ PC Interface

Type	USB 3.0

◆ Video Processing

Color Space	YUV 4:2:2
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/59.54p/60p 1920 x 1080 60i/59.94i/50i 1280 x 1024 60p 1280 x 720 60p/59.94p/50p 1024 x 768 60p 800 x 600 60p 720 x 576 50p 720 x 480 60p 640 x 480 60p
Video Preview	1920 x 1080 24p/25p/30p/50p/59.54p/60p 1920 x 1080 60i/59.94i/50i 1680 x 1050 60p 1440 x 900 60p 1360 x 768 60p 1280 x 1024 60p 1280 x 800 60p 1280 x 768 60p 1280 x 720 60p/59.94p/50p 1024 x 768 60p 800 x 600 60p 720 x 576 50p 720 x 480 60p 640 x 480 60p

◆ Audio Processing

Audio Sampling Frequencies	44.1k, 48k Hz

◆ System Requirement

System	Intel® Core™ i5-3400 or above
Memory	4GB or more
OS Environment	Microsoft Windows 7/8.1/10 (32-bit/64-bit) Microsoft DirectX 10.0 or above Ubuntu 14.04.3

◆ Software Support

SDK	Provide SDK and demo program

◆ Others

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

Packing List

- 1 x HDB-301R
- 1 x USB 3.0 cable
- 1 x QIG
- 1 x Utility CD

Ordering Information

Part No.	Description
HDB-301R-R10	USB 3.0 Uncompressed video/audio capture box with one HDMI input and one HDMI output,1920x1080@60p