

HDB-301R

USB 3.0 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
- » Supports for 4:2:2 color spaces to provide the highest quality for your images
- » HDMI™ bypass output supports video no delay pass through up to 1080p60, so you can watch original video while video processing
- » 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
- » Supports DirectShow Software
- » Windows/Linux/Mac OS supported

Specifications

Appearance	
Dimension	105 mm x 58 mm x 18 mm
Audio Processing	
Audio Sampling Frequencies	44.1k, 48k Hz
Capture Interface	
Audio Input	1 x Audio Input Channel
	1 x Audio Input-HDMI™ (stereo)
Interface Type	1 x USB3.0
No Delay Passthrough	1 x Audio Output Channel
	1 x Video Output Channel
	1 x Video Output-HDMI™
	1 x Audio Output-HDMI™ (stereo)
Video Input	1 x Video Input Channel
	1 x Video Input-HDMI™
Environment	
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Others	
Power Consumption	4W
Software Support	
SDK	1 x Linux
	1 x Windows
OS Support	Operating System(support UVC)
	1 x Linux Ubuntu(14.04.2 (64-bit) (Kernel version: 3.16.0-30-generic))
	1 x Microsoft Windows 10 32-bit
	1 x Microsoft Windows 7 32-bit
	1 x Microsoft Windows 7 64-bit
	1 x Microsoft Windows 8.1 32-bit
	1 x Microsoft Windows 8.1 64-bit
	1 x Microsoft Windows 10 64-bit
	1 x macOS(High Sierra 10.13 or above)
System Requirement	

CPU	Intel® Core™ i5-3400 or above
Memory	4GB or more
Video Processing	
Color Space	YUV 4:2:2
Video Compression	1 x Software Compression
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/59.54p/60p
	1680 x 1050 30p/60p
	1440 x 900 30p/60p
	1360 x 768 30p/60p
	1280 x 1024 30p/60p
	1280 x 800 30p/60p
	1280 x 768 30p/60p
	1280 x 720 30p/50p/59.94p/60p
	1024 x 768 30p/60p
	800 x 600 60p
	720 x 576 50p
	720 x 480 59.94p/60p
	640 x 480 60p
Video Preview	1920 x 1080 24p/25p/30p/50p/59.54p/60p
	1680 x 1050 30p/60p
	1440 x 900 30p/60p
	1360 x 768 30p/60p
	1280 x 1024 30p/60p
	1280 x 800 30p/60p
	1280 x 768 30p/60p
	1280 x 720 30p/50p/59.94p/60p
	1024 x 768 30p/60p
	800 x 600 60p
	720 x 576 50p
	720 x 480 59.94p/60p
	640 x 480 60p

Ordering Information

HDB-301R-R10	USB 3.0 uncompressed video/audio capture box with one HDMI™ input channel and one HDMI™ output channel, 1920x1080@60p
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Packing List

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