

# HDB-301L

USB 2.0 Video/Audio Capture Box with One Channel HDMI™ Input and One Channel HDMI™ Bypass Output, 1920x1080@30p, and H.264 Hardware Encoder



## Features

- » 1-channel HDMI™ input with H.264 hardware compression and 1-channel HDMI™ bypass output
- » High quality video recording up to 1080p30
- » HDMI™ bypass output supports video no delay pass through up to 1080p60, so you can watch video while recording
- » Provides DirectShow filter
- » Windows/Linux OS supported

## Specifications

<b>Appearance</b>	
Dimension	89 mm x 74.83 mm x 21.6 mm
Net Weight	156g
<b>Audio Processing</b>	
Audio Compression	MPEG4-AAC
Audio Sampling Frequencies	44.1k, 48k Hz
Recording Data rate	128kbps
<b>Capture Interface</b>	
Audio Input	1 x Audio Input Channel
	1 x Audio Input-HDMI™(stereo)
Interface Type	1 x USB2.0
No Delay Passthrough	1 x Audio Output Channel
	1 x Video Output Channel(1080p60)
	1 x Audio Output-HDMI™(stereo)
	1 x Video Output-HDMI™
Video Input	1 x Video Input Channel
	1 x Video Input-HDMI™
<b>Environment</b>	
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
<b>Functionality</b>	
Multiple Card Support	4 boxes, 4 channels
Scaling	Video scaling down compression
<b>Others</b>	
Power Consumption	4.5W
<b>Software Support</b>	
SDK	1 x Linux
	1 x Windows
OS Support	1 x Linux Ubuntu(16.04 (64-bit) (Kernel version: 4.4.0-21-generic))
	1 x Microsoft Windows 7 32-bit
	1 x Microsoft Windows 7 64-bit
<b>System Requirement</b>	
CPU	Intel® Core™ 2 Duo 2.4GHz or above
Memory	2GB or more
<b>Video Processing</b>	

Recording Data rate	1~30Mbps
Recording Formats	1920 x 1080 24p/25p/30p 1280 x 1024 30p
	1280 x 800 60p 1280 x 768 60p
	1280 x 720 50p/60p 1024 x 768 60p
	800 x 600 60p 720 x 576 50p
	720 x 480 60p 640 x 480 60p
Video Compression	1 x Hardware Encoder(H.264/AVC High Profile Level 4.1)
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/60p
	1920 x 1080 60i/59.94i/50i 1280 x 1024 30p
	1280 x 800 60p 1280 x 768 60p
	1280 x 720 50p/60p 1024 x 768 60p
	800 x 600 60p 720 x 576 50p
	720 x 480 60p 640 x 480 60p

## Ordering Information

HDB-301L-R10	USB2.0 Capture Box with one HDMI™ input, 1920x1080@30p, and H.264 codec transcoding
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## Packing List

1 x HDB-301L	1 x USB cable (600mm)
1 x QIG	