

HDB-301L

USB 2.0 video/audio capture box with one HDMI input channel and one HDMI output channel, 1920x1080@30p, and H.264 hardware codec



Features

- Compatible with Microsoft Windows 7 for 32-bit & 64-bit
- Equipped with one HDMI input port
- Encode up to 1080p30 HD video
- Record and stream video over networks or the Internet: VideoLAN VLC, AMCap and other DirectShow compatible software

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 (1080p 60)
	Video output type	HDMI
	Audio output channel	1 channel
	Audio output type	HDMI (stereo)

◆ PC Interface

Type	USB 2.0
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◆ Video Processing

Hardware Encoder	H.264/AVC High Profile Level 4.1	
Recording Datarate	Up to 30Mbps	
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/60p	1280 x 1024 30p
	1920 x 1080 60i/59.94i/50i	1280 x 768 60p
	1280 x 800 60p	1024 x 768 60p
	1280 x 720 50p/60p	720 x 576 50p
	800 x 600 60p	640 x 480 60p
	720 x 480 60p	
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

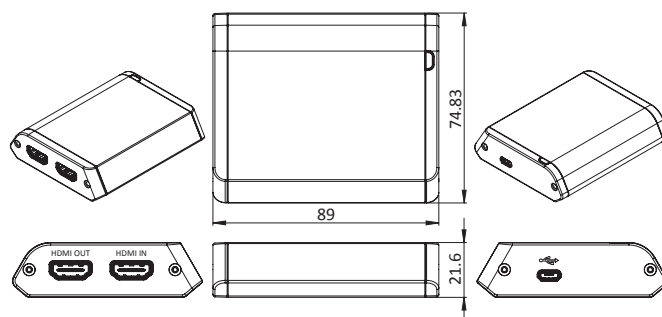
◆ Audio Processing

Audio Sampling Frequencies	44.1k, 48k Hz
Audio Compression	MPEG4-AAC
Recording Datarate	128kbps

H.264 Hardware Codec Video Recording/Streaming



Dimensions (Unit: mm)



◆ System Requirement

System	Intel® Core™2 Duo 2.4GHz or above
Memory	2GB or more
OS Environment	Microsoft Windows 7 32-bit/64-bit Microsoft DirectX 10.0 or above Linux: Ubuntu 10.04 (kernel 2.6.35)

◆ Software Support

Device Driver	Microsoft Windows 7 32-bit Microsoft Windows 7 64-bit Linux: Ubuntu 10.04 (kernel 2.6.35)
SDK	Provide SDK and demo program

◆ Functionality

Multiple Card Support	8 channels
Scaling	Video scaling down compression

◆ Others

Dimensions	89 mm x 74.83 mm x 21.6 mm
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Power Consumption	4.5W

Packing List

1 x HDB-301L	1 x QIG
1 x USB cable	1 x Utility CD

Ordering Information

Part No.	Description
HDB-301L-R10	USB 2.0 video/audio capture box with one HDMI input, one HDMI output, 1920x1080@30p, and H.264 Hardware codec

1
Industrial
Computing
Solutions

2
Video
Capture
Solutions

3
Industrial
Computer
Chassis

4
Open
Frame
Monitor

5
Power Supply/
Peripherals

6
All-in-One
System