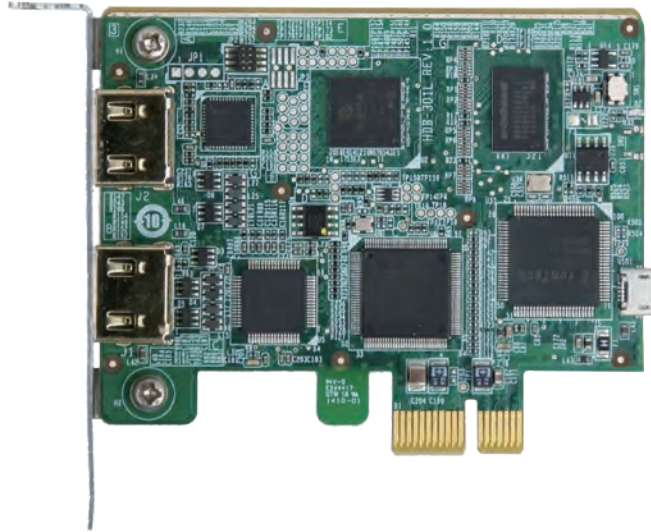


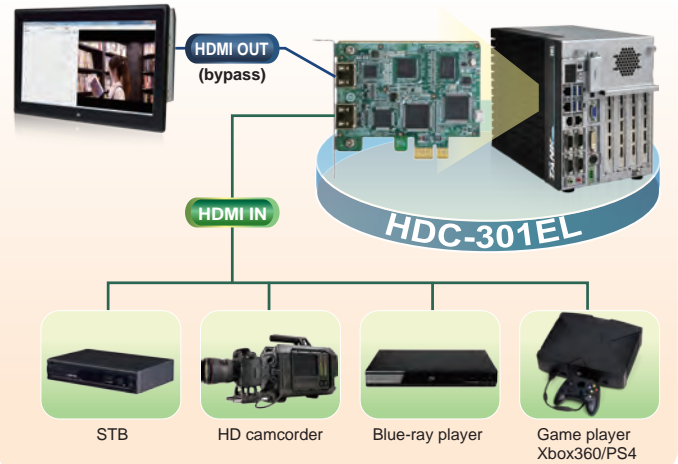
# HDC-301EL

PCI Express Video/Audio Capture Card with One Channel HDMI Input and One Channel HDMI Bypass Output, 1920x1080@30p, and H.264 Hardware Encoder



## H.264 Hardware Encoder

### Video Recording/Streaming



## 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
- Low Power Consumption
- Low-Profile PCIe card
- Windows/Linux OS supported

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

### ◆ PC Interface

Type	PCIe x1
------	---------

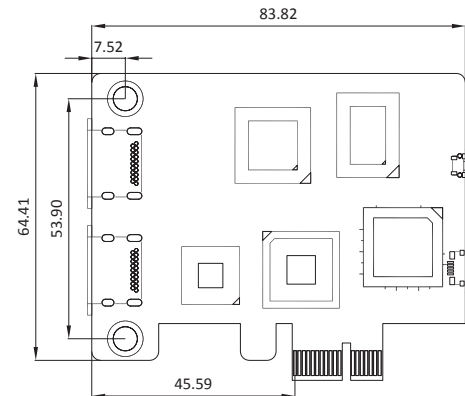
### ◆ Video Processing

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 1920 x 1080 60i/59.94i/50i 1280 x 800 60p	1280 x 1024 30p 1280 x 768 60p
	1280 x 720 50p/60p 800 x 600 60p 720 x 480 60p	1024 x 768 60p 720 x 576 50p 640 x 480 60p
Recording Formats	1920 x 1080 24p/25p/30p 1280 x 800 60p 1280 x 720 50p/60p 800 x 600 60p 720 x 480 60p	1280 x 1024 30p 1280 x 768 60p 1024 x 768 60p 720 x 576 50p 640 x 480 60p

### ◆ Audio Processing

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

## Dimensions (Unit: mm)



### ◆ System Requirement

System	Intel® Core™2 Duo 2.4GHz or above
Memory	2GB or more

### ◆ Software Support

OS support	Microsoft Windows 7 32-bit Microsoft Windows 7 64-bit Linux: Ubuntu 16.04 (64-bit) (Kernel version: 4.4.0-21-generic)
SDK	Windows: Provides SDK and demo program with sample source code Linux: Provides SDK and demo program with sample source code

### ◆ Functionality

Multiple Card Support	4 cards, 4 channels
Scaling	Video scaling down compression

### ◆ Others

Dimensions	83.82 mm x 64.41 mm
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Power Consumption	4.5W

## Packing List

1 x HDC-301EL	
1 x QIG	1 x Utility CD

## Ordering Information

Part No.	Description
HDC-301EL-R10	PCI Express video/audio capture card with one channel HDMI input and one channel HDMI bypass output, 1920x1080@30p, and H.264 hardware encoder