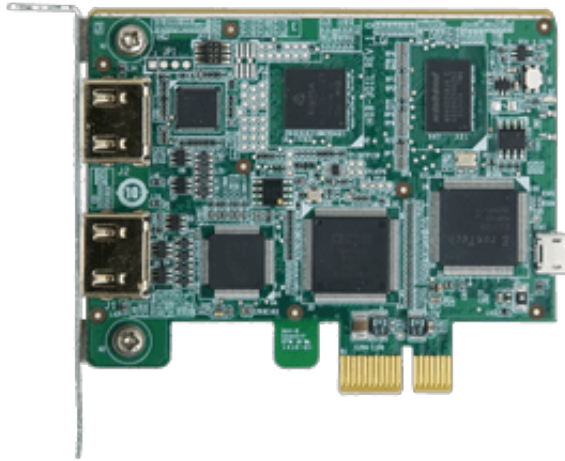


# HDC-301EL

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



## 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

|                            |   |
|----------------------------|---|
| Appearance                 |   |
| Dimension                  | 83.82 mm x 64.41 mm   |
| Audio Processing           |   |
| Audio Compression          | MPEG4-AAC   |
| Audio Sampling Frequencies | 44.1k, 48k Hz   |
| Recording Data rate        | 128kbps   |
| Capture Interface          |   |
| Audio Input                | 1 x Audio Input Channel<br>1 x Audio Input-HDMI™(stereo)  |
| Audio Output               | 1 x Audio Output-HDMI™(stereo)<br>1 x Audio Output Channel  |
| Interface Type             | 1 x PCIe x 1  |
| Video Input                | 1 x Video Input Channel<br>1 x Video Input-HDMI™  |
| Video Output               | 1 x Video Output Channel(1080p60)<br>1 x Video Output-HDMI™   |
| Environment                |   |
| Operating Temperature      | 0°C ~ 60°C (32° ~ 140°F), non-condensing  |
| Functionality              |   |
| Multiple Card Support      | 4 cards, 4 channels   |
| Scaling                    | Video scaling down compression  |
| Others                     |   |
| Power Consumption          | 4.5W  |
| Software Support           |   |
| SDK                        | 1 x Linux<br>1 x Windows  |
| OS Support                 | 1 x Microsoft Windows 7 32-bit<br>1 x Linux Ubuntu(16.04 (64-bit) (Kernel version: 4.4.0-21-generic))<br>1 x Microsoft Windows 7 64-bit |
| System Requirement         |   |
| CPU                        | Intel® Core™ 2 Duo 2.4GHz or above  |

|                        |  |
|------------------------|--|
| Memory                 | 2GB or more  |
| Video Processing       |  |
| 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

|               |  |
|---------------|--|
| HDC-301EL-R10 | PCI Express Video/Audio Capture Card with one HDMI™ input and one HDMI™ output, 1920x1080@30p, and H.264 codec transcoding |
|---------------|--|

## Packing List

|               |         |
|---------------|---------|
| 1 x HDC-301EL | 1 x QIG |
|---------------|---------|