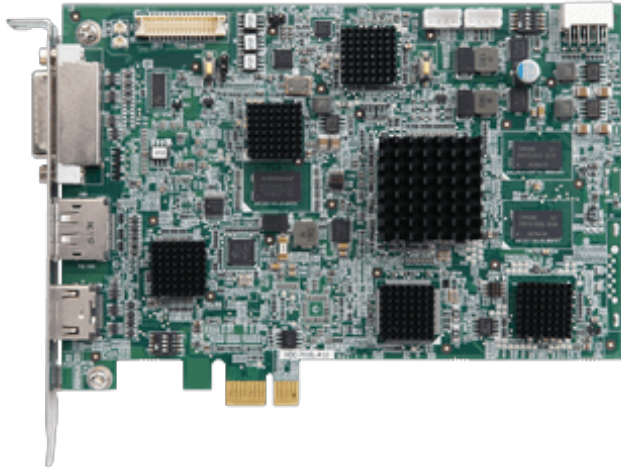


# HDC-701EL

PCI Express video/audio capture card with One Channel HDMI™/DP/DVI-I/YPbPr/3G-SDI Input and One Channel HDMI™ Output, 1920x1080@30p, and H.264 Hardware Encoder



## Features

- » 1-channel HDMI™/DP/DVI-I/YPbPr/3G-SDI input with H.264 hardware compression and 1-channel HDMI™ output
- » High quality video recording up to 1080p30
- » HDMI™ output supports video preview up to 1080p60, so you can watch video while recording or editing
- » Provides DirectShow filter
- » Equipped with video scaler for PIP, OSD, cropping (optional)
- » Windows/Linux OS supported

## Specifications

|                            |  |
|----------------------------|--|
| <b>Appearance</b>          |  |
| Dimension                  | 155 mm x 111 mm  |
| <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<br>1 x Audio Input-HDMI™(stereo)   |
| Audio Output               | 1 x Audio Output Channel<br>1 x Audio Output-HDMI™(stereo)   |
| Interface Type             | 1 x PCIe x 1   |
| Video Input                | 1 x Video Input Channel<br>1 x Video Input-3G-SDI<br>1 x Video Input-DP<br>1 x Video Input-DVI-I<br>1 x Video Input-HDMI™<br>1 x Video Input-YPbPr |
| Video Output               | 1 x Video Output Channel(1080p60)<br>1 x Video Output-HDMI™  |
| <b>Environment</b>         |  |
| Operating Temperature      | 0°C ~ 60°C (32° ~ 140°F), non-condensing   |
| <b>Functionality</b>       |  |
| Multiple Card Support      | 4 cards, 4 channels  |
| Scaling                    | Video scaling support, OSD, PIP, Cropping  |
| <b>Others</b>              |  |
| Power Consumption          | 15W  |
| <b>Software Support</b>    |  |
| SDK                        | 1 x Linux<br>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

|               |   |
|---------------|---|
| HDC-701EL-R10 | PCI Express Video/Audio Capture Card with HDMI™/DVI/DP/YPbPr/SDI input and one HDMI™ output, 1920x1080@30p, and H.264 codec transcoding |
|---------------|---|

## Packing List

|               |         |
|---------------|---------|
| 1 x HDC-701EL | 1 x QIG |
|---------------|---------|