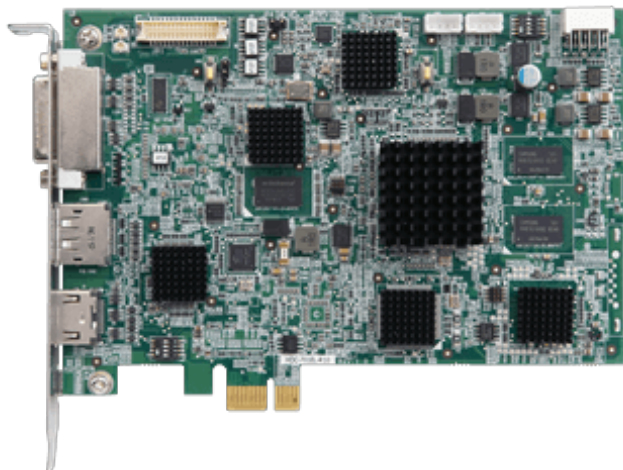


# HDC-701EL

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

| Appearance                 |                                                                     |
|----------------------------|---------------------------------------------------------------------|
| Dimension                  | 155 mm x 111 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                                             |
|                            | 1 x Audio Input-HDMI™(stereo)                                       |
| Audio Output               | 1 x Audio Output Channel                                            |
|                            | 1 x Audio Output-HDMI™(stereo)                                      |
| Interface Type             | 1 x PCIe x 1                                                        |
| Video Input                | 1 x Video Input Channel                                             |
|                            | 1 x Video Input-3G-SDI                                              |
|                            | 1 x Video Input-DP                                                  |
|                            | 1 x Video Input-DVI-I                                               |
|                            | 1 x Video Input-HDMI™                                               |
|                            | 1 x Video Input-YPbPr                                               |
| Video Output               | 1 x Video Output Channel(1080p60)                                   |
|                            | 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 support, OSD, PIP, Cropping                           |
| Others                     |                                                                     |
| Power Consumption          | 15W                                                                 |
| Software Support           |                                                                     |
| 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                         |
| 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-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 |
|---------------|---------|