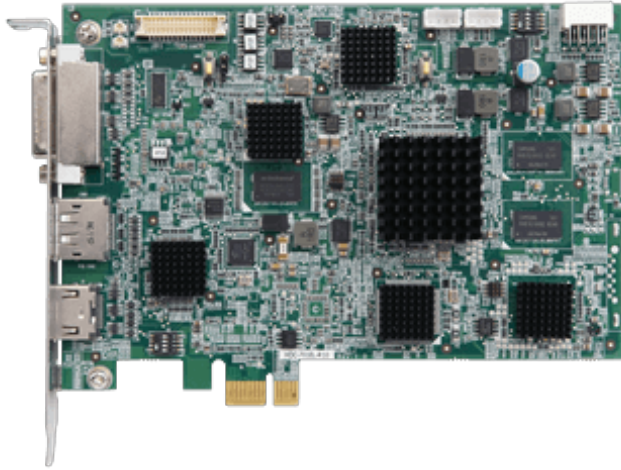


HDC-701EL

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 |
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