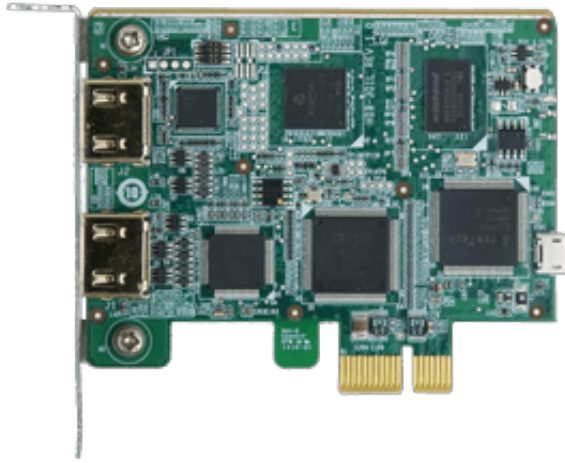


HDC-301EL

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 |
| | 1 x Audio Input-HDMI™(stereo) |
| Audio Output | 1 x Audio Output-HDMI™(stereo) |
| | 1 x Audio Output Channel |
| Interface Type | 1 x PCIe x 1 |
| Video Input | 1 x Video Input Channel |
| | 1 x Video Input-HDMI™ |
| 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 down compression |
| Others | |
| Power Consumption | 4.5W |
| Software Support | |
| SDK | 1 x Linux |
| | 1 x Windows |
| OS Support | 1 x Microsoft Windows 7 32-bit |
| | 1 x Linux Ubuntu(16.04 (64-bit) (Kernel version: 4.4.0-21-generic)) |
| | 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 |
|---------------|---------|