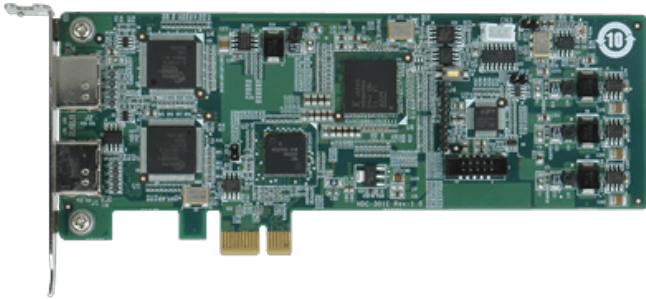


# HDC-301E

PCI Express Video/Audio Capture Card with One Channel HDMI™ Input and one channel HDMI™ Output, 1920x1080@60p, and H.264 Hardware Codec



## Features

- » 1-channel HDMI™ input with H.264 hardware compression and 1-channel HDMI™ output
- » High quality video encoding or decoding up to 1080p60
- » HDMI™ output port supports video no delay pass through up to 1080p60, so you can check video while recording
- » HDMI™ output port supports playback video file captured by HDC-30X series cards
- » Low Power Consumption
- » SDK available for customer to create customized applications
- » Windows/Linux OS supported

## Specifications

|                       |  |
|-----------------------|--|
| Appearance            |  |
| Dimension             | 168 mm x 69 mm   |
| Audio Processing      |  |
| Audio Compression     | MPEG-1 Audio Layer 2   |
| Recording Data rate   | 256k   |
| Capture Interface     |  |
| Audio Input           | 1 x Audio Input Channel<br>1 x Audio Input-HDMI™   |
| Audio Output          | 1 x Audio Output Channel<br>1 x Audio Output-HDMI™(support decode file or HDMI™ bypass output)           |
| Interface Type        | 1 x PCIe x 1   |
| No Delay Passthrough  | 1 x Audio Output Channel<br>1 x Video Output Channel<br>1 x Audio Output-HDMI™<br>1 x Video Output-HDMI™ |
| Video Input           | 1 x Video Input Channel<br>1 x Video Input-HDMI™   |
| Video Output          | 1 x Video Output Channel<br>1 x Video Output-HDMI™(support decode file or HDMI™ bypass output)           |
| Environment           |  |
| Operating Temperature | 0°C ~ 65°C, non-condensing   |
| Functionality         |  |
| Multiple Card Support | No   |
| Others                |  |
| Power Consumption     | 6.07 W (12V@0.3A, 3.3V@0.72A)  |
| Software Support      |  |
| 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))<br>1 x Microsoft Windows 7 32-bit    |
| System Requirement    |  |

|                         |  |
|-------------------------|--|
| CPU                     | x86 PC compatible computer, Intel® Pentium® 4 2.0GHz or above for video record     |
| Memory                  | 1GB or more  |
| Graphic Card            | Recommends using a DXVA or CUDA capable graphics card for real-time video playback |
| <b>Video Processing</b> |  |
| Recording Data rate     | 2-30 Mbps  |
| Recording Formats       | 1920 x 1080 60p / 59.94p / 50p   |
|                         | 1920 x 1080 60i / 59.94i / 50i   |
|                         | 1280 x 720 60p / 59.94p / 50p  |
|                         | 720 x 480 60i / 59.94i   |
|                         | 720 x 576 50i  |
| Video Compression       | 1 x Hardware Encoder(H.264/AVC High Profile Level 4.2)                             |
| Video Input Resolution  | 1920 x 1080 60p / 59.94p / 50p   |
|                         | 1920 x 1080 60i / 59.94i / 50i   |
|                         | 1280 x 720 60p / 59.94p / 50p  |
|                         | 720 x 480 60i / 59.94i   |
|                         | 720 x 576 50i  |

## Ordering Information

|              |   |
|--------------|---|
| HDC-301E-R10 | PCI Express video/audio capture card with one HDMI™ input channels and one HDMI™ output channels, 1920x1080@60p, and Hardware H.264 codec |
|--------------|---|

## Packing List

|              |                       |
|--------------|-----------------------|
| 1 x HDC-301E | 1 x Full size bracket |
| 1 x QIG      |                       |