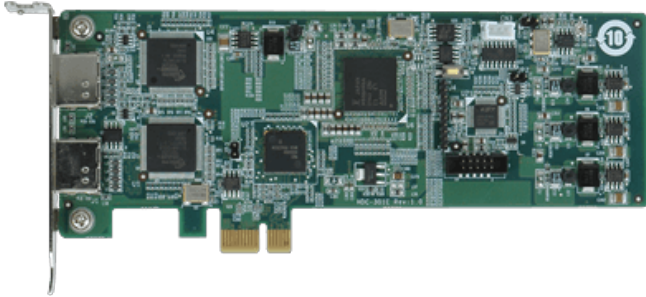


# HDC-301E

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 1 x Audio Input-HDMI™
Audio Output	1 x Audio Output Channel 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 1 x Video Output Channel 1 x Audio Output-HDMI™ 1 x Video Output-HDMI™
Video Input	1 x Video Input Channel 1 x Video Input-HDMI™
Video Output	1 x Video Output Channel 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 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
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
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## Packing List

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