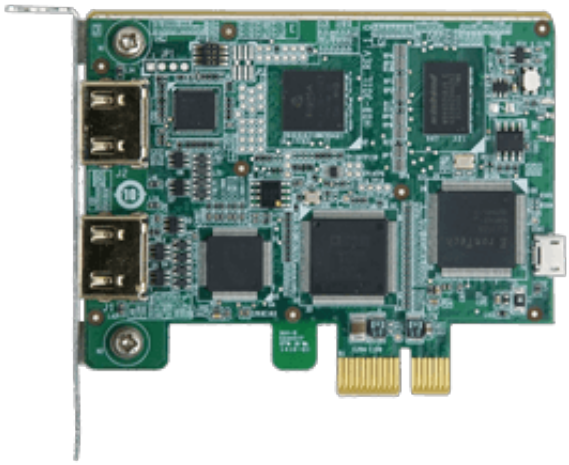
HDC-301EL

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