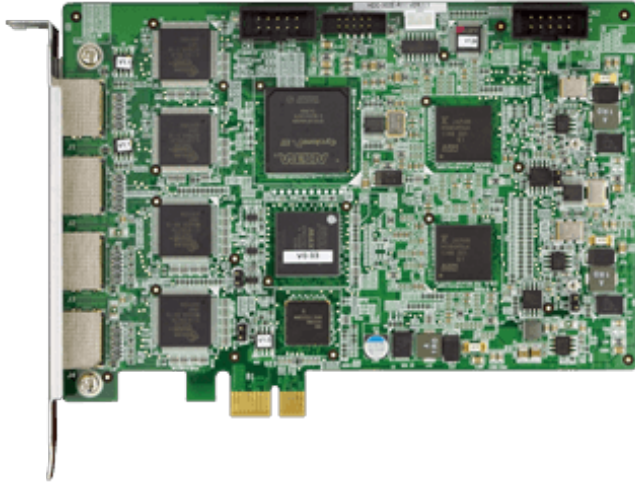


HDC-302E

PCI Express Video/Audio Capture Card with Two Channel HDMI™ Inputs and Two Channel HDMI™ Outputs, 1920x1080@60p, and H.264 Hardware Codec



Features

- » 2-channel HDMI™ input with H.264 hardware compression and 2-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	155 mm x 98.6 mm
Audio Processing	
Audio Compression	MPEG-1 Audio Layer 2
Recording Data rate	256k
Capture Interface	
Audio Input	2 x Audio Input Channel
	2 x Audio Input-HDMI™
Audio Output	2 x Audio Output Channel
	2 x Audio Output-HDMI™(support decode file or HDMI™ bypass output)
Interface Type	1 x PCIe x 1
No Delay Passthrough	2 x Audio Output Channel
	2 x Video Output Channel
Video Input	2 x Audio Output-HDMI™
	2 x Video Output-HDMI™
Video Output	2 x Video Input Channel
	2 x Video Input-HDMI™
Video Output	2 x Video Output Channel
	2 x Video Output-HDMI™(support decode file or HDMI™ bypass output)
Environment	
Operating Temperature	0°C ~ 65°C, non-condensing
Functionality	
Multiple Card Support	4 cards, 8 channels
Others	
Power Consumption	9.53W (12V@0.46A, 3.3V@1.21A)
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	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
Video Processing	
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-302E-R11	PCI Express video/audio capture card with two HDMI™ input channels and two HDMI™ output channels,1920x1080@60p,and Hardware H.264 codec (H56)
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Packing List

1 x HDC-302E	1 x QIG
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