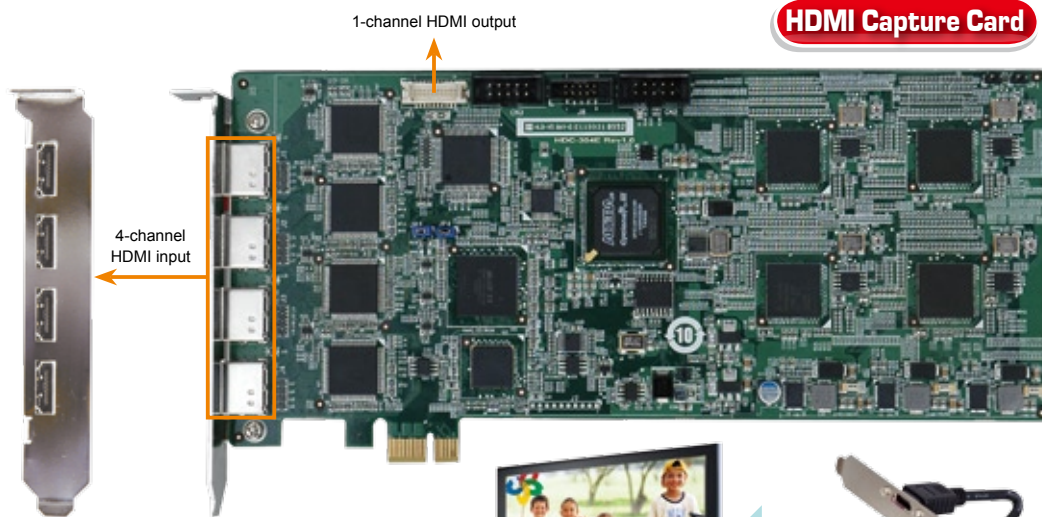


HDC-304E

PCI express video/audio capture card with four HDMI input channels, 1920x1080@60p, and Hardware H.264 codec



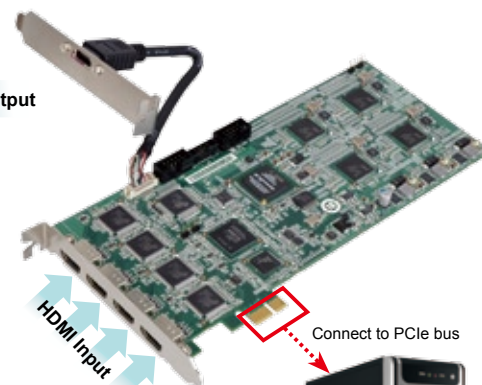
H.264 Hardware Encoder/ Decoder



HDMI Capture Card



HDMI output



BlueRay DVD, PS3

Features

- Encoding or Decoding up to 1920x1080@60p
- Four input channels with 1920x1080@60p per channel
- Pass through for transmitting uncompressed video up to 1080p resolution.
- Capture or record HD content in H.264 format
- Playback the recordings on HDMI display
- Reduce the amount of hard disk space needed by real-time H.264 recording compression capability
- Support multiple card(maximum 8 ports HDMI input)
- Low power consumption
- Application: Video Game, DVD/Blu-ray Player, Camcorder, Video Surveillance, Video analyzer, Video post production

Specifications

Interface

Video input	4 channels HDMI video
Video input type	HDMI
HDMI Audio input	4 channels HDMI audio
HDMI Audio input type	HDMI
Interface	PCIex1

Software Support

Device Driver	Windows XP / Windows7 / Linux
SDK	Provide SDK and demo program with sample source code in C#

Video Processing

Video engine	H.264/AVC High Profile Level 4.2
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

Audio Processing

Audio format	MPEG-1 Audio Layer2
Bitrate	256kbps

System requirement

System	Microsoft Windows XP Service Pack2(SP2) (32-bit version) Microsoft DirectX 9.0c(32bit) Microsoft .NET Framework 2.0(32 bit version)
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Functionality

Multiple Card support	2 cards, 8 channels
HDCP compatible	Yes

Others

Dimensions	229.3mmX111.1mm
Operation temperature	0°C-60°C (32°-140°F), non-condensing
Power consumption	12.7W 12V@0.61A 3.3V@1.63A

Packing List

1 x HDC-304E
1 x HDMI output kit
1 x utility CD

Ordering Information

Part No.	Description
HDC-304E-R10	PCI express video/audio capture card with four HDMI input channels, 1920x1080@60p, and Hardware H.264 codec

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 Industrial Data Collector and Controller

4 Video Capture Solutions

5 I/O Communication Solutions

6 Panel Solutions

7 ORing Network Communication

8 Power Supply/ Peripherals