

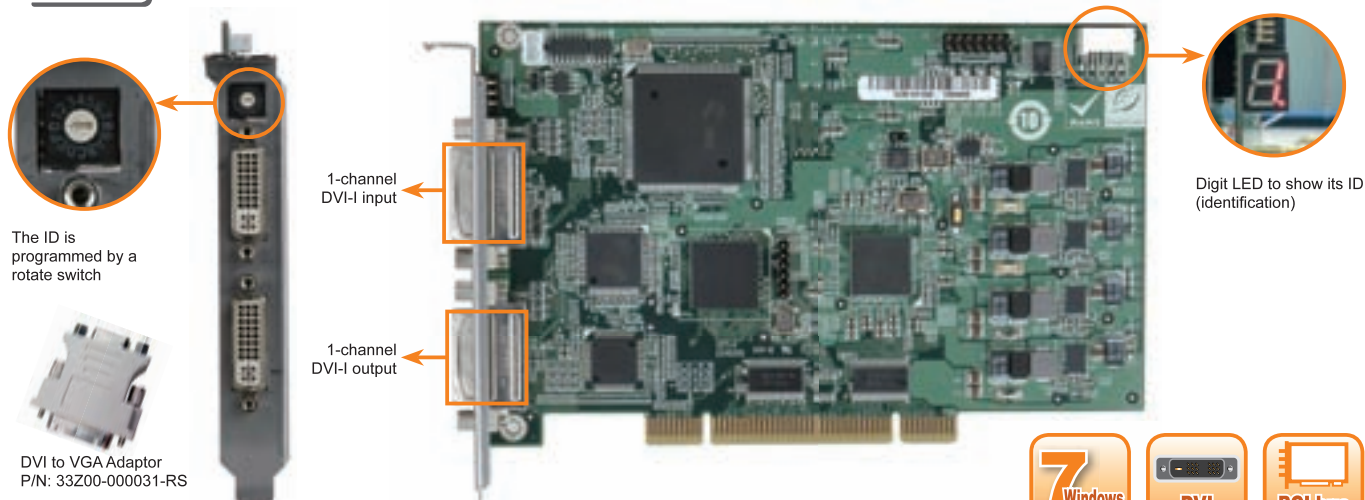
HDC-401

PCI video/audio capture card with one DVI-I input channel and one DVI-I output channel, 1920x1080@60p, and Hardware H.264 codec



New

H.264 Hardware Codec



DVI to VGA Adaptor
P/N: 33Z00-000031-RS



Features

- Compatible with Windows XP, Windows 7 and Linux
- Equipped with one DVI-I input port
- Encoding or decoding up to 1080p HD video
- Pass through for transmitting uncompressed video up to 1080p resolution
- Captures or records HD video in H.264 format
- Playback the recordings on DVI-I display
- SDK available for customer to create customized applications

Specifications

◆ Interface

Video Input	1 channel
Video Input Type	DVI-I (DVI/ VGA)
Audio Input	1 channel
Audio Input Type	DVI-I (DVI/ VGA)
Video Output	1 channel
Video Output Type	DVI-I (DVI/ VGA)
Audio Output	1 channel
Audio Output Type	DVI-I (DVI/ VGA)
Bus Interface	PCI
Loop Through	1 channel

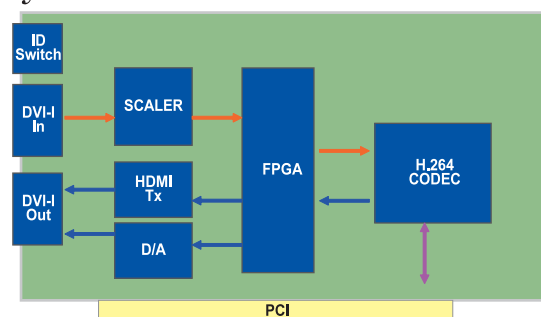
◆ Video Processing

Video Compression	H.264/AVC High Profile Level 4.2
Input Resolution & Frame Rate	Support VESA video input up to 1920 x 1080 x 60p
Record Resolution / Frame Rate / Bit Rate	1920 x 1080 x 60p, encoding video bit rate from 6Mbps to 30Mbps 1280 x 720 x 60p, encoding video bit rate from 4Mbps to 24Mbps

◆ Audio Processing

Audio Compression	MPEG-1 Audio Layer2
Bitrate	256k

System Block



◆ Functionality

Multiple Card Support	8 cards, 8 channels
HDCP Compliant	Yes

◆ System Requirement

System	x86 PC compatible computer, Intel® Pentium® 4 2.0GHz or above for video record Suggest using DXVA or CUDA capable graphic card for real-time video playback
Memory	1GB or more
OS Environment	Microsoft Windows XP Service Pack2 (SP2) (32-bit version) Microsoft DirectX 9.0c (32bit) Microsoft .NET Framework 2.0 (32 bit version) Linux: Fedora 10 (Kernel 2.6.27)

◆ Software Support

Device Driver	Compatible with Windows XP, Windows 7, Linux Kernel 2.6.27
SDK	Windows: Provide SDK and demo program with sample source code in C# Linux: Provide SDK and driver/demo program with sample source code in C

◆ Others

Dimensions	106.7 mm x 167.6 mm
Operation Temperature	-20°C ~ 65°C, non-condensing
Power Consumption	6.32W (5V@0.83A, 3.3V@0.65A)

Packing List

- 1 x HDC-401 capture card
- 1 x Utility CD
- 1 x QIG

Ordering Information

Part No.	Description
HDC-401-R10	PCI video/audio capture card with one DVI-I input channel and one DVI-I output channel, 1920x1080@60p, and Hardware H.264 codec
33Z00-000031-RS	DVI to VGA adapter