DVP-7032HE

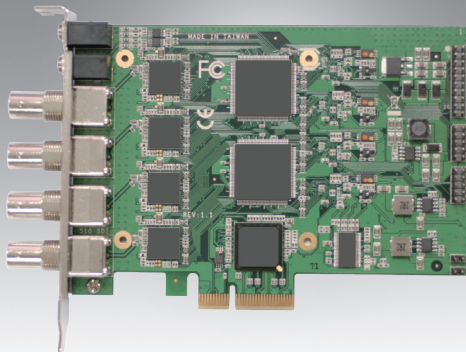## 4-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

NEW

Features

- 4-channel HD-SDI video inputs with H.264/MPEG4 software compression
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for recording and display for each channel
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported

FCC CE RoHS COMPLIANT 2002/95/EC

Introduction

DVP-7032HE is a PCIe-bus, software compression video capture card with 4 HD-SDI video and 4 audio inputs. DVP-7032HE support H.264/MPEG4 compression format at up to Full HD 1080p for each channel. With an easy-to-use software development kit (SDK) and flexibility to stack multiple cards, DVP-7032HE is an idea solution for various video capture applications or video surveillance.

Specifications

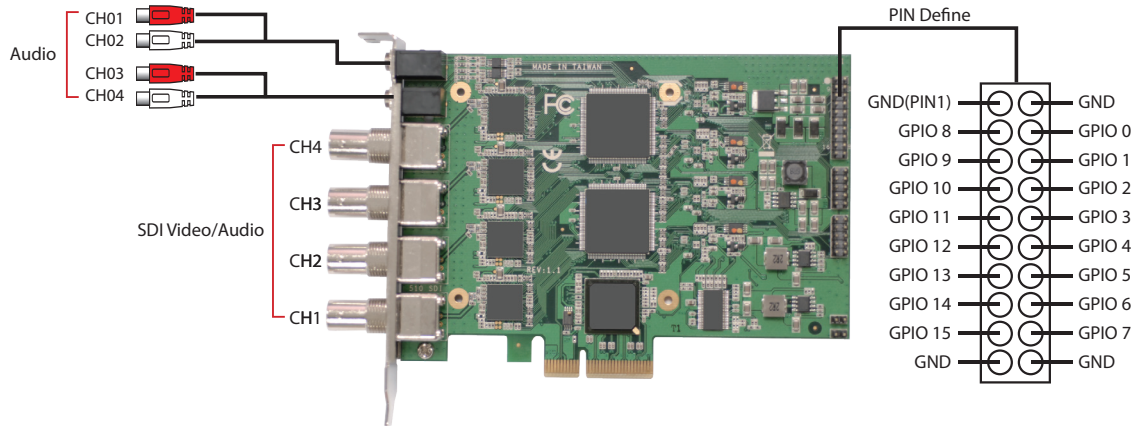|		
Video	Video Standard	HD-SDI
	Video Input	4 x SDI
	Compression	S/W H.264 / MPEG4
	Max. Display Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p/ch
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p/ch
Audio	Audio Input	4 x SDI
	Format	Stereo/16 bits/32000~48000 Hz
System Requirements	CPU (Display)	Intel Core 2 Duo E2200 2.2 GHz
	CPU (Recording)*	Intel Core 2 Quad Q9400 2.6GHz
	Memory	2 GB
	VGA	1024 x 768, DirectX 9.0c
	Operating System	Windows XP/XPe/Vista/7; Linux 2.6.14 or higher; 32/64 bits
Physical Characteristics	Host Interface	PCIe x4
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	140 x 105 mm
	Safety	CE/FCC

*For high quality full HD video recording at max. recording rate, Intel Sandy Bridge processor or above and Win7 OS are recommended

Versatile SDK Support (For Windows Only)

Advantech provides software development kit (SDK), a set of development tools that allows a software engineer to integrate video capture modules into different types of system. Functions include video recording, playback and instant preview.

- Software Library
- SDK Manual
- Sample Program

Connection Diagram

Audio

CH01
CH02
CH03
CH04

CH4
CH3
CH2
CH1

SDI Video/Audio

PIN Define

GND(PIN1)	GND
GPIO 8	GPIO 0
GPIO 9	GPIO 1
GPIO 10	GPIO 2
GPIO 11	GPIO 3
GPIO 12	GPIO 4
GPIO 13	GPIO 5
GPIO 14	GPIO 6
GPIO 15	GPIO 7
GND	GND

Ordering Information

Part Number	Description
DVP-7032HE	4-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7032HE Capture Card	1 (piece)
Watchdog Cable	1 (piece)