DVP-7030HE

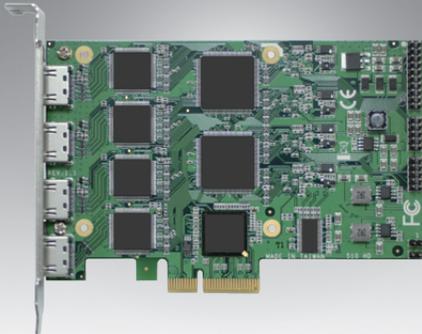## 4-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

NEW

Features

- 4-channel HDMI 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-7030HE is a PCIe-bus, software compression video capture card with 4 HDMI video and 4 audio inputs. DVP-7030HE supports 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-7030HE is an ideal solution for various video capture applications or video surveillance.

Specifications

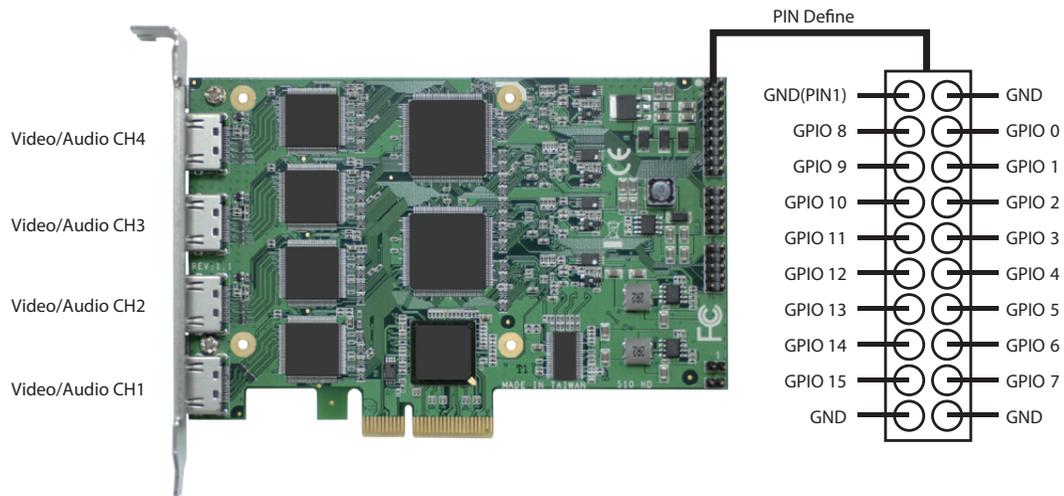|		
Video	Video Standard	HDMI
	Video Input	4 x HDMI
	Compression	S/W H.264 / MPEG4
	Max. Display Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p/ch
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p/ch
Audio	Audio Input	4 x HDMI
	Format	STEREO/16 bits/32000 ~ 48000 Hz
System Requirements	CPU (Display)	Intel Core 2 Duo E2200 2.2 GHz
	CPU (Recording)*	Intel Core 2 Quad Q9400 2.6 GHz
	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 95 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

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

	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

Video/Audio CH4
Video/Audio CH3
Video/Audio CH2
Video/Audio CH1

Ordering Information

Part Number	Description
DVP-7030HE	4-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7030HE Capture Card	1 (piece)
Watchdog Cable	1 (piece)

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