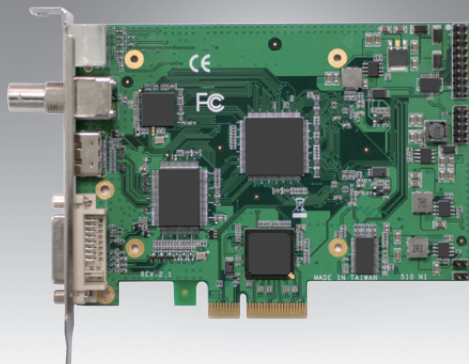


# DVP-7010HE

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

NEW



### Features

- 1-channel HD-SDI/HDMI/DVI-D/DVI-A/YpPr video input with H.264/MPEG4 software compression
- 60/50 fps (NTSC/PAL) at up to 1920 x 1080p resolution for recording and display
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



### Introduction

DVP-7010HE is a PCIe-bus, software compression video capture card with 1 channel of either HD-SDI, HDMI, DVI-D, DVI-A, or YpPr video and 1 audio input. DVP-7010HE 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-7010HE is an ideal solution for various video capture applications or video surveillance.

### Specifications

Video	Video Standard	HD-SDI
	Video Input	1 x HD-SDI/HDMI/DVI-D/DVI-A/YpPr
	Compression	S/W H.264 / MPEG4
	Max. Display Rate	60/50 fps (NTSC/PAL) @ 1920 x 1080p
	Max. Recording Rate	60/50 fps (NTSC/PAL) @ 1920 x 1080p
Audio	Audio Input	1 x SDI, 1 x HDMI, 2 x RCA
	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 x 4
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	135 x 101 mm
	Safety	CE/FCC

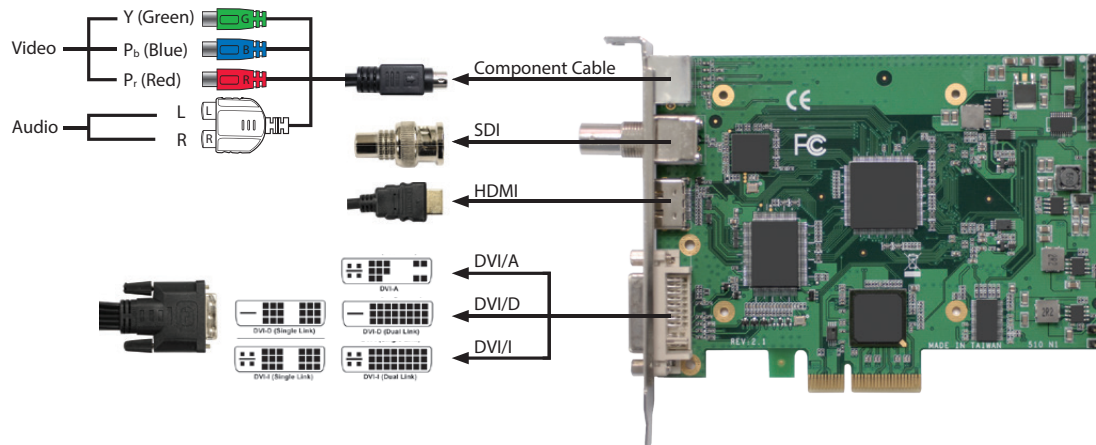
\*For high quality full HD video recording at max. recording rate, Intel Sandy Bridge processor or above and Win7 OS are recommended

### 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



## Ordering Information

Part Number	Description
DVP-7010HE	1-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

## Packing List

Item	Amount
DVP-7010HE Capture Card	1 (piece)
Audio (RCA) / Video (YPbPr) cable	1 (piece)
Watchdog cable	1 (piece)