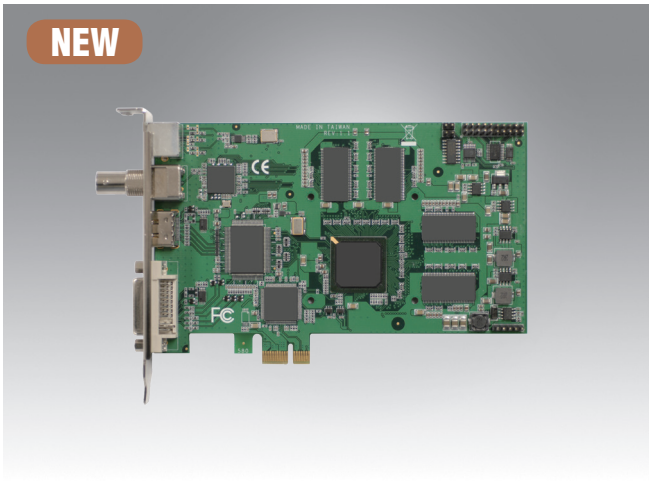
DVP-7610HE

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



Features

- 1-channel HD-SDI/HDMI/DVI-D/DVI-A/YPbPr video input with H.264 (Main Profile) hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 1080p resolution for display
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x540p dual stream resolution for recording
- PCIe x1 host interface
- Supports Watchdog function
- Windows/Linux OS supported

FCC CE RoHS COMPLIANT 2002/95/EC

Introduction

DVP-7610HE is a PCIe-bus, hardware compression video capture card with 1 channel of either HD-SDI, HDMI, DVI-D, DVI-A, YPbPr video and 1 audio input. DVP-7610HE supports H.264 main profile 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-7610HE 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/YPbPr
	Compression	H/W H.264 Main Profile
	Max. Display Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p + 960 x 540p
Audio	Audio Input	1x SDI, 1x 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 Duo E2200 2.2 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 x1
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	155 x 101 mm
	Safety	CE/FCC

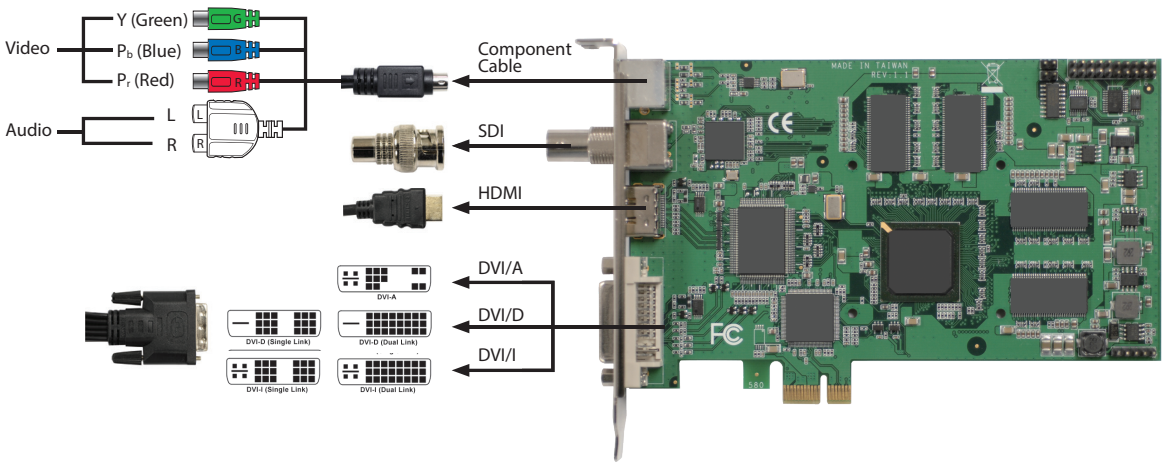
Versatile SDK Support (For Windows Only)

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

All product specifications are subject to change without notice

Connection Diagram



Ordering Information

Part Number	Description
DVP-7610HE	1-ch Full HD H.264 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7610HE Capture Card	1 (piece)
Audio (RCA) / Video (YPbPr) Cable	1 (piece)
Watchdog Cable	1 (piece)