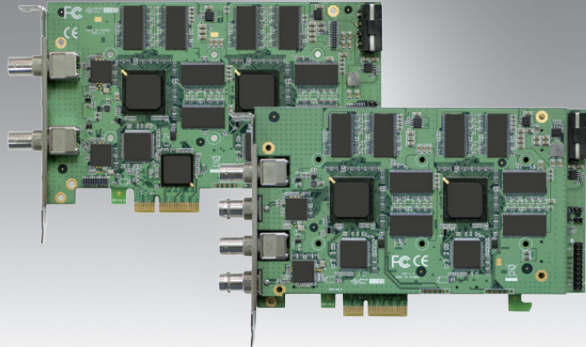


DVP-7620/7630HE

2/4-ch Full HD H.264
PCIe Video Capture
Card with SDK

NEW



DVP 7620HE

DVP 7630HE

Features

- 2/4-channel HD-SDI video inputs with H.264 (Main Profile) hardware compression and dual streaming
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution for display for each channel
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p + 960 x 540p dual stream resolution for recording for each channel
- PCIe x4 host interface
- Supports Watchdog function
- Windows/Linux OS supported



Introduction

DVP-7620/7630HE is a PCIe-bus, hardware compression video capture card with 2/4 HD-SDI video and 2/4 audio inputs. The DVP-7620/7630HE series support 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-7620/7630HE series are ideal solutions for various video capture applications or video surveillance.

Specifications

Video	Video Standard	HD-SDI
	Video Input	2/4 x SDI
	Compression	H/W H.264 Main Profile
	Max. Display Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p/ch
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ 1920 x 1080p + 960 x 540p/ch
Audio	Audio Input	2/4 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 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 x4
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	166 x 109 mm
Safety	CE/FCC	

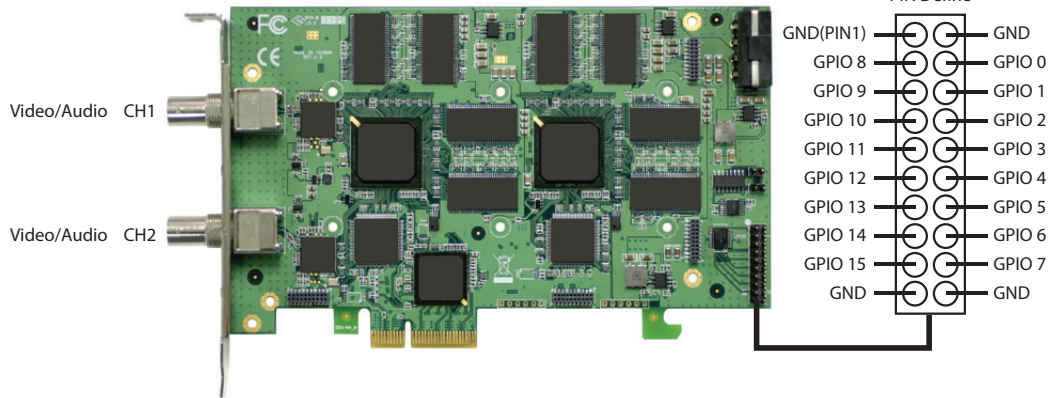
Versatile SDK Support

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.

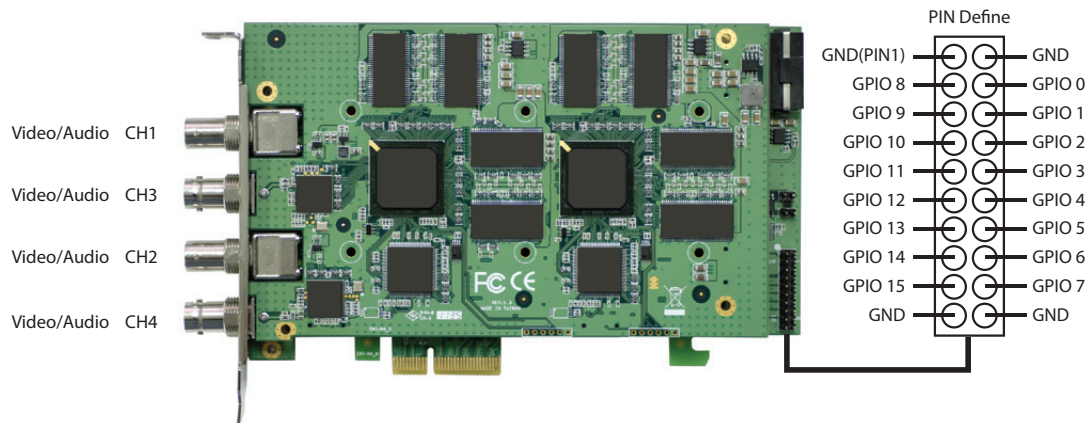
- Software Library
- SDK Manual
- Sample Program

Connection Diagram

DVP-7620HE



DVP-7630HE



Ordering Information

Part Number	Description
DVP-7620HE	2-ch Full HD H.264 PCIe Video Capture Card with SDK
DVP-7630HE	4-ch Full HD H.264 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7620HE/ DVP-7630HE Capture Card	1 (piece)
Watchdog Cable	1 (piece)