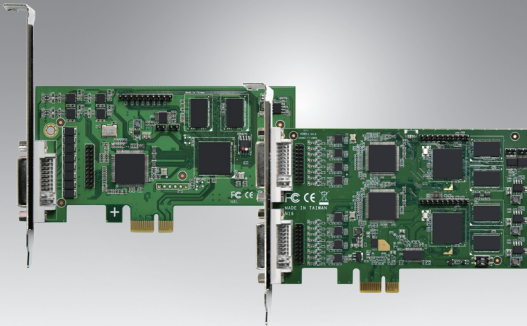


DVP-7642E/7651E

8/16-ch H.264 PCIe Video Capture Card with SDK

NEW



DVP-7642E

DVP-7651E

Features

- 8/16-channel composite video inputs with H.264 hardware compression
- 30/25fps (NTSC/PAL) at up to 4CIF resolution for each channel of display
- 30/25 fps (NTSC/PAL) at up to 4CIF / D1+CIF dual stream resolution for each channel of recording
- PCIe x 1 host interface
- Supports Watchdog function
- Windows/Linux OS supported



Introduction

DVP-7642E/DVP-7651E is a PCIe-bus, hardware compression video capture card with 8/16 analog video and 8/16 audio inputs. DVP-7642E/DVP-7651E series support H.264 compression format at up to 4CIF resolution at real-time frame rate (30/25fps) for each channel. With an easy-to-use software development kit (SDK) and flexibility to stack multiple cards, DVP-7642E/DVP-7651E series are ideal solutions for various video capture applications or video surveillance.

Specifications

Video	Video Standard	Composite for NTSC/PAL	
	Video Input	8/16 x BNC connectors	
	Compression	H/W H.264 Main Profile	
	Max. Display Rate	30/25 fps (NTSC/PAL) @ 4CIF	
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ 4CIF+CIF dual stream/ch	
Audio	Audio Input	8/16 x RCA	
	Format	MONO/16 bits/8000HZ ~16000HZ	
System Requirements	CPU (Display)	Intel Core 2 Duo E2200 2.2 GH	
	CPU (Recording)	Intel Core 2 Duo E2200 2.2 GH	
	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	
Resolution	Recording Resolution	NTSC	PAL
		With WD1 NTSC Camera	With WD1 PAL Camera
		960x480	960x576
		720x480	720x576
		704x240	704x288
		480x240	480x288
		With D1 NTSC Camera	With D1 PAL Camera
		720x480	720x576
704x240	704x288		
480x240	480x288		
Physical Characteristics	Host Interface	PCIe x 1	
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)	
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)	
	Dimensions	DVP-7642E: 122 x 69mm DVP-7651E: 132 x 85mm	
	Safety	CE/FCC	

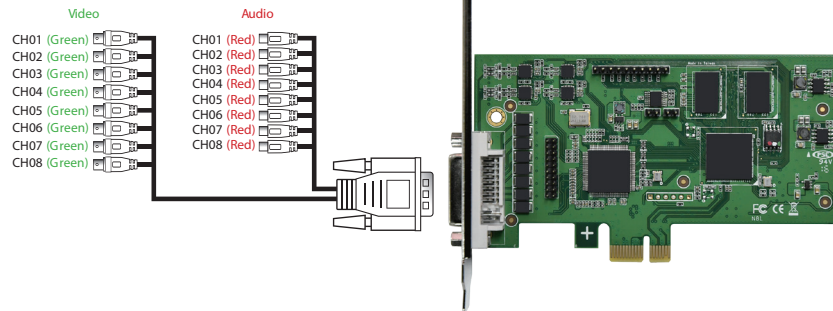
Versatile SDK Support (For Windows Only)

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.

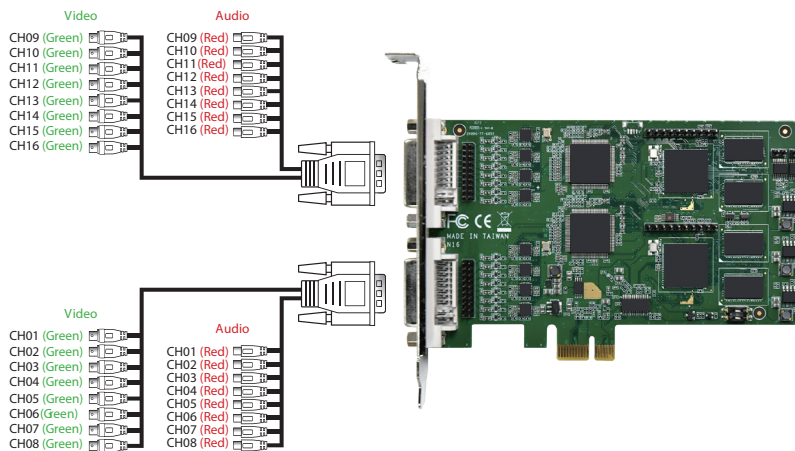
- Software Library
- SDK Manual
- Sample Program

Connection Diagram

DVP-7642E



DVP-7651E



Ordering Information

Part Number	Description
DVP-7642E	8-ch H.264 PCIe Video Capture Card with SDK
DVP-7651E	16-ch H.264 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7642E/DVP-7651E Capture Card	1 (piece)
Audio/Video cable (DVI-I male header)	1(7642E) (piece) 2(7651E) (piece)
Watchdog Cable (Option)	1 (piece)