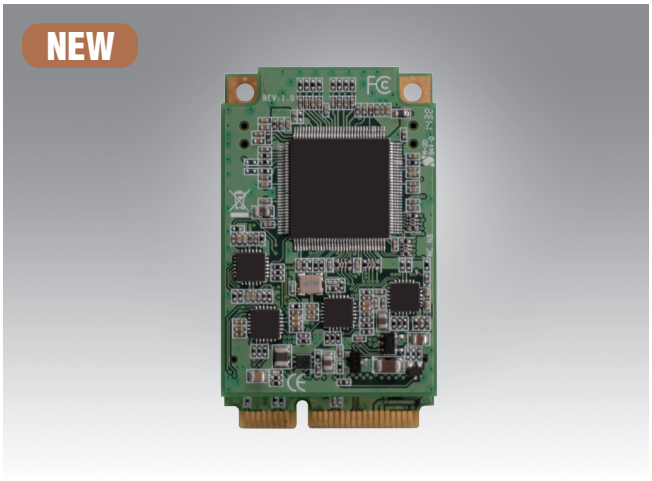
DVP-7641E

8-ch H.264/MPEG4 MiniPCIe Video Capture Card with SDK



Features

- 8-channel video inputs with H.264/MPEG4 hardware compression
- 240/200 fps (NTSC/PAL) at up to D1 resolution for recording and display
- Mini PCIe host interface
- Windows/Linux OS supported

FCC CE RoHS COMPLIANT 2002/95/EC

Introduction

DVP-7641E is a Mini PCIe-bus, software compression video capture card with 8 video and 8 audio inputs. DVP-7641E supports H.264 baseline compression format at up to D1 resolution at real-time frame rate (30/25fps). With an easy-to-use software development kit (SDK) and flexibility to stack multiple cards, DVP-7641E is an ideal solution for various video capture applications or video surveillance.

Specifications

Video	Video Standard	Composite for NTSC/PAL
	Video Input	8 x pin
	Compression	HW H.264/MPEG4
	Max. Display Rate	30/25 fps (NTSC/PAL) @ D1/ch
	Max. Recording Rate	30/25 fps (NTSC/PAL) @ D1/ch
Audio	Audio Input	8 x pin
	Format	Mono/8~16 bits/8000~48000Hz
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/Win8; Linux 2.6.14 or higher; 32/64 bits
Physical Characteristics	Host Interface	Mini PCIe
	Operating Temperature	-20 ~ 70° C (-4 ~ 158° F)
	Storing Temperature	-40 ~ 85° C (-40 ~ 185° F)
	Dimensions	30 x 51 mm
	Safety	CE/FCC

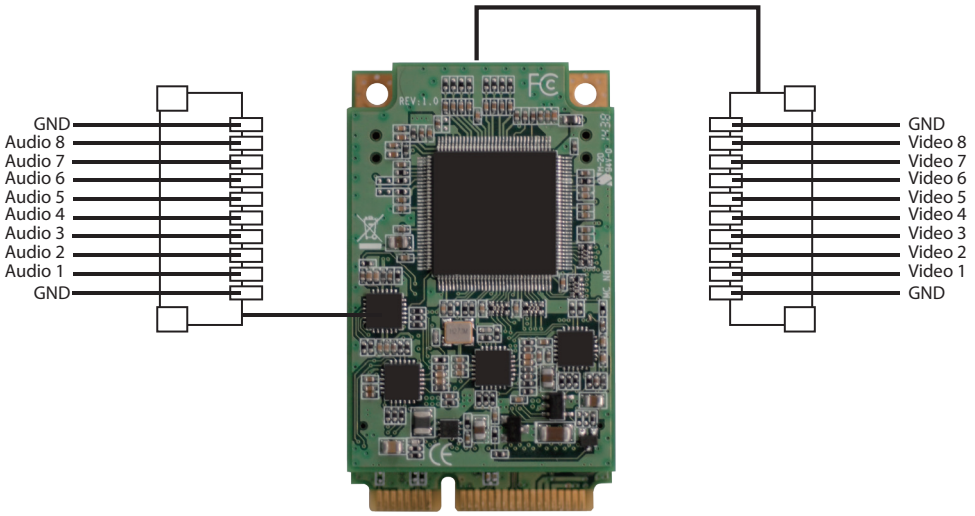
Versatile SDK Support

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

All product specifications are subject to change without notice.
Last updated : 31-Aug-2016

Connection Diagram



Ordering Information

Part Number	Description
DVP-7641E	8-ch H.264/MPEG4 MiniPCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7641E Capture Card	1 (piece)

Optional Accessories

Part Number	Description
1700022438-01	Testing cable for DVP-7641E with RCA connectors
1700022439-01	Testing cable for DVP-7641E with BNC connectors