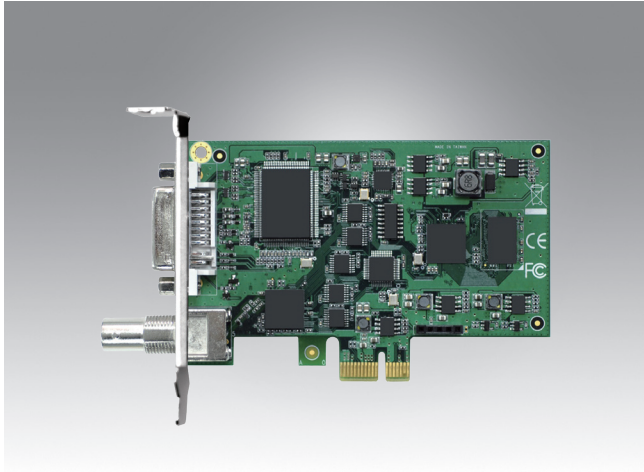# DVP-7019HE-1

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

Features

- 1-channel SDI/HDMI/DVI-D/DVI-A/YPbPr video input with H.264/MPEG4 software compression
- 30/25 fps (NTSC/PAL) at up to 1920 x 1080p resolution
- PCIe x 1 host interface

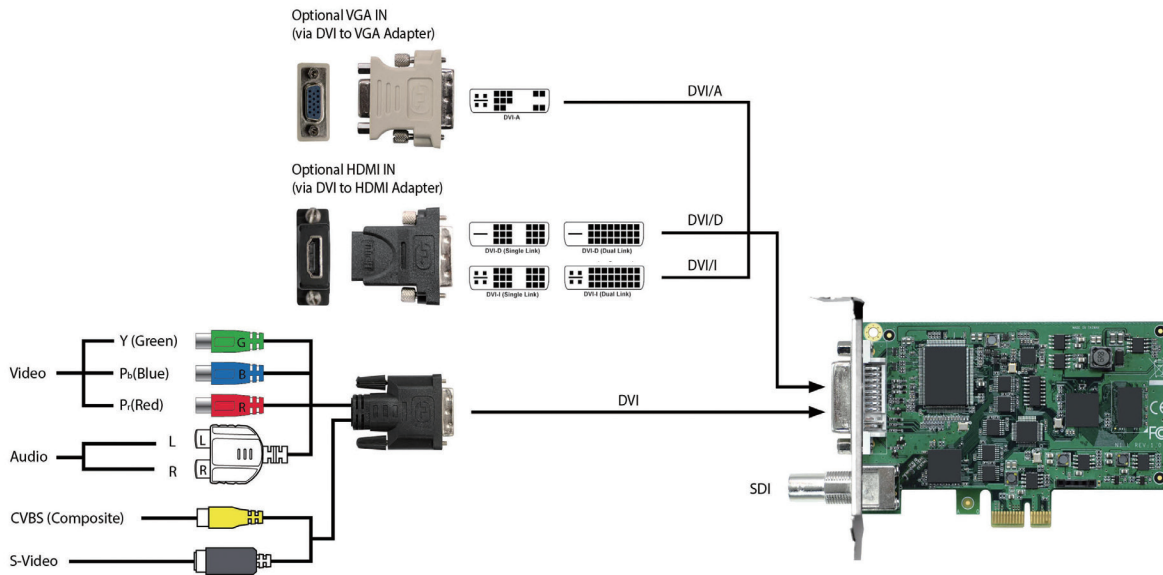FCC CE RoHS COMPLIANT 2002/95/EC

Introduction

DVP-7019HE-1 is a PCIe-bus, software compression video capture card with 1 channel of either SDI, HDMI, DVI-D, DVI-A, or YPbPr video and 1 audio input. DVP-7019HE-1 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-7019HE-1 is an ideal solution for various video capture applications or video surveillance.

Specifications

Video	Video Input	1 x SDI/HDMI/DVI-D/DVI-A/YPbPr
	Compression	S/W H.264 / MPEG4
	Max. Video input	30/25 fps (NTSC/PAL) @ 1920 x 1080p
	Max. Video Output	30/25 fps (NTSC/PAL) @ 1920 x 1080p
Audio	Audio Input	1 x SDI, 1 x HDMI, 2 x RCA
	Format	Stereo, 16-bit, 32 ~ 48 kHz
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/Linux
Physical Characteristics	Host Interface	PCIe x 1
	Operating Temperature	-20 ~ 70 °C (-4 ~ 158 °F)
	Storing Temperature	-40 ~ 85 °C (-40 ~ 185 °F)
	Dimension (L x H)	105 x 69 mm (4.1" x 2.7")
	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.

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All product specifications are subject to change without notice.   Last updated: 13-Dec-2023

Connection Diagram

Optional VGA IN
(via DVI to VGA Adapter)

DVI-A

DVI/A

Optional HDMI IN
(via DVI to HDMI Adapter)

DVI-D (Single Link)   DVI-D (Dual Link)   DVI/D

DVI-I (Single Link)   DVI-I (Dual Link)   DVI/I

Video
- Y (Green)   G
- P_b(Blue)   B
- P_r(Red)   R

DVI

Audio
- L   L
- R   R

CVBS (Composite)

S-Video

SDI

Ordering Information

Part Number	Description
DVP-7019HE-1	1-ch Full HD H.264/MPEG4 PCIe Video Capture Card with SDK

Packing List

Item	Amount
DVP-7019HE-1 Capture Card	1 (piece)
DVI to YPbPr/AV/S-video cable	1