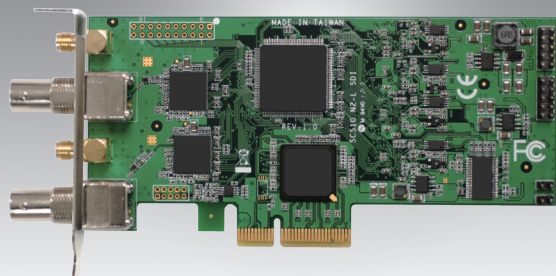


DVP-7020HE

2-ch H.264/MPEG4 Low-Power PCIe Video Capture Card with SDK

NEW



Features

- 2-channel SDI video inputs with H.264 software compression
- 120/100 fps (NTSC/PAL) at up to 1920x1080p resolution for recording and display
- PCIe x4 host interface
- Low Power Consumption
- Supports Watchdog function
- Windows/Linux OS supported



Introduction

DVP-7020HE is a PCIe-bus, software compression video capture card with 2 SDI video and 2 SDI audio inputs. DVP-7020HE supports H.264 baseline compression format at up to Full HD resolution at real-time frame rate (60/50fps). With an easy-to-use software development kit (SDK) and flexibility to stack multiple cards, DVP-7020HE is an ideal solution for various video capture applications or video surveillance.

Specifications

| | | |
|--------------------------|-----------------------|--|
| Video | Video Standard | HD-SDI |
| | Video Input | 2 x SDI |
| | Video Output | 2 x SDI (Loop Through) |
| | Compression | S/W H.264/MPEG4 |
| | Max. Display Rate | 60/50 fps (NTSC/PAL) @ 1920 x 1080p/ch |
| | Max. Recording Rate | 60/50 fps (NTSC/PAL) @ 1920 x 1080p/ch |
| Audio | Audio Input | 2 x SDI |
| | Format | Stereo/16 bits/32000-48000Hz |
| 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; 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 | 140 x 64.4 mm |
| Safety | CE/FCC | |

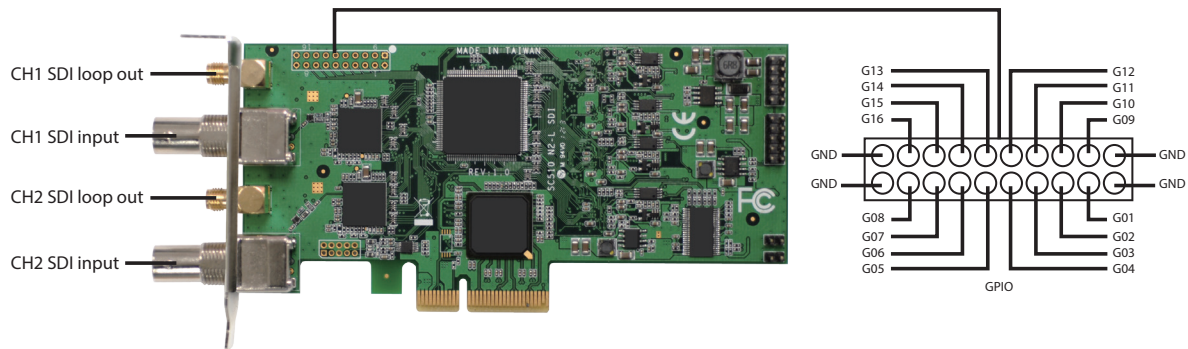
*For high quality full HD video recording at max. recording rate, Intel Sandy Bridge processor or above and Win7 OS are recommended

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



Ordering Information

| Part Number | Description |
|-------------|---|
| DVP-7020HE | 2-ch H.264/MPEG4 Low-Power PCIe Video Capture Card with SDK |

Packing List

| Item | Amount |
|------------------------|-----------|
| DVP-7020E Capture Card | 1 (piece) |
| Watchdog Cable | 1 (piece) |
| SDI Cable | 2 (piece) |
| Short Iron(One to One) | 1 (piece) |