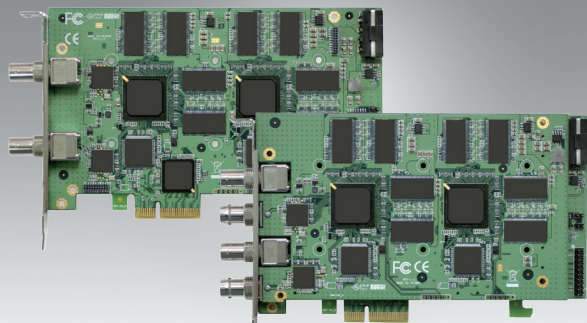


# DVP-7620/7630HE

## 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                |  |

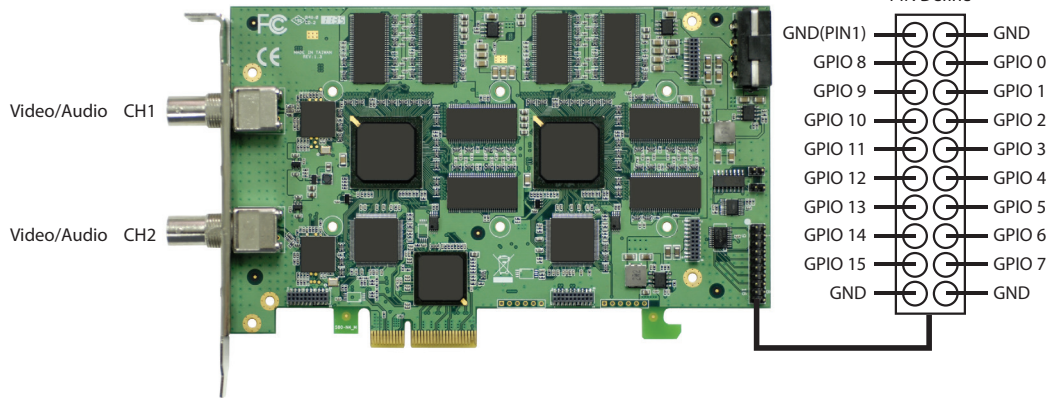
### Versatile SDK Support (For Windows Only)

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.

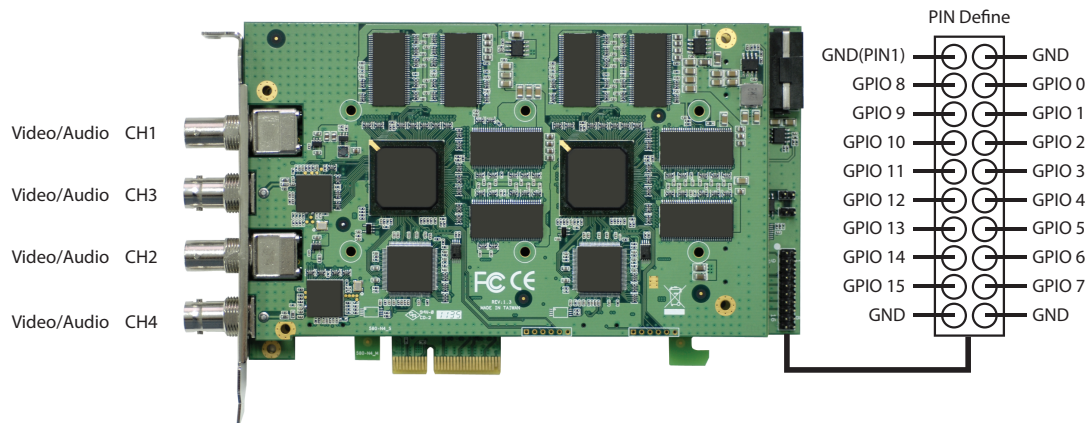
- Software Library
- SDK Manual
- Sample Program

## Connection Diagram

### DVP-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) |



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