Introduction

The DVP-7010BE and DVP-7020BE are MPEG-4 compression, PCI-bus video capture cards. They support up to 4 or 16 channel inputs by share-frame technology and capture up to D1 resolution. DVP-7010BE and DVP-7020BE support NTSC/PAL composite video input through BNC connectors and digitizes the data to PC through PCI bus. The DVP-7010BE and DVP-7020BE can be used for video capture application or video surveillance with SDK support for software encoding and capture functions.

Specifications

Video
- Video Standard: Composite for NTSC/PAL
- Video Input: 4 or 16 BNC connectors
- Resolution: Up to D1 (NTSC: 720 x 480; PAL: 720 x 576)
- Max Recording Rate:
  - DVP-7010BE: 30/25 fps for all channels
  - DVP-7020BE: 120/100 fps for all channels
- Display Rate:
  - DVP-7010BE: 30/25 fps for all channels
  - DVP-7020BE: 120/100 fps for all channels
- Video Compression: MPEG-4 Software Compression
- Video Output: Multiple YCrCb, RGB, and YUV planar formats supported

Software Development Kit
- Operating System: Supports Windows XP/XPe and Windows 2000
- DirectX Required: Version 9 or above
- Demo Program: Complete demo program with VC++ sample code for reference

Physical Characteristics
- Host Interface: PCI V2.2
- D/I/O: Supports ADAM-4055 8D/8DO Module
- Operating Temperature: -10 ~ 60°C (14 ~ 140°F)
- Storing Temperature: -20 ~ 70°C (-4 ~ 158°F)
- Dimensions: 125.38 x 97.25 mm (4.87" x 3.82")

Features
- 4 or 16 channel composite inputs with MPEG-4 compression
- Able to mix DVP-7010BE with DVP-7020BE card stacks for up to 24 channels per PC
- 30/25 fps (NTSC/PAL) or 120/100 fps (NTSC/PAL) at D1 resolution for recording and display
- Conexant fusion 878A video capture chips on board
- SDK supports Windows XP/XPe/Windows 2000 with VC++ sample codes
- Supports Watchdog function

Versatile SDK Support (For Windows Only)

Advantech provides software development kit (SDK), a set of development tools that allows a software engineer to integrate our capture card into many different types of system. Functions include video recording, playback, and instant preview.

The SDK package would include:
- Software Library
- SDK Manual
- Sample Program

Ordering Information
- DVP-7010BE 4-ch MPEG-4 Video Capture Card w/ SDK
- DVP-7020BE 16-ch MPEG-4 Video Capture Card w/ SDK