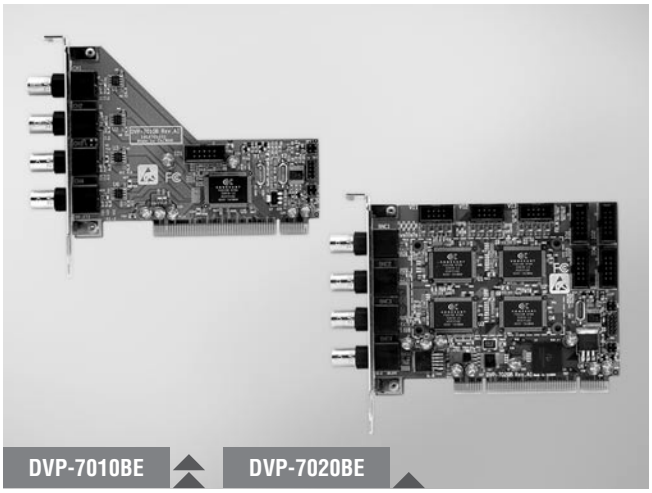
DVP-7010BE
DVP-7020BE

4-ch MPEG-4 Video Capture Card with SDK

16-ch MPEG-4 Video Capture Card with SDK



DVP-7010BE DVP-7020BE

RoHS COMPLIANT 2002/95/EC CE FCC

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
- Support ADAM-4055 8DI/8DO Module
- SDK supports Windows® XP/XPe/Windows 2000 with VC++ sample codes
- Supports Watchdog funtion

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
- **DI/O** Support ADAM-4055 8DI/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")

Versatile SDK Support

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