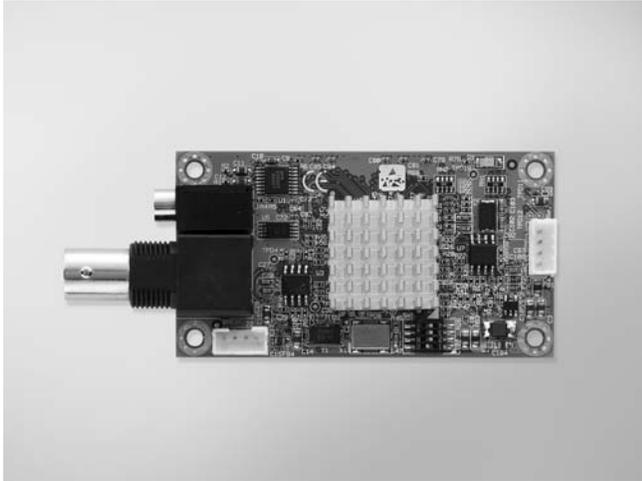


DVP-1412E

1-ch USB MPEG-4 Video Capture Module with SDK



Features

- 1 channel composite inputs with MPEG-4 hardware compression
- Supports ADPCM hardware audio compression
- Able to install 8 DVP-1412E for up to 8 channels per PC
- 30/25 fps (NTSC/PAL) at D1 resolution for recording and display
- 16 x 16 OSD text of up to 96 characters
- High speed USB 2.0 interface
- SDK supports Windows XP/XPe/Windows 2000 with VC++ sample codes

Introduction

The DVP-1412E is compact-sized, hardware MPEG-4 video encoder module that are designed for embedded video/audio applications and simple digital video upgrade solutions. It can be easily integrated into many different types of hardware, like Panel PCs, ATMs, and embedded PCs. The DVP-1412E are capable of delivering streaming video up to full D1 resolution at full-motion frame rates. By using a standard high-speed USB 2.0 interface, the DVP-1412E can easily integrates with most Single Board Computers or PC-based systems. Using 128-byte EEPROM, programmers can write protection codes or set system parameters via the SDK. DVP-1412E delivers standard composite video and audio input through BNC connectors and comes complete with SDK and driver for MS Windows 2000 or XP. All these great features make the DVP-1412E very easy for system integrators to develop applications. DVP-1412E are the ideal compact embedded digital video and audio solution for multiple applications.

Specifications

Video

- **Video Standard** Composite for NTSC/PAL
- **Video Input** 1 x BNC connector
- **Resolution** Up to D1 (NTSC: 720 x 480; PAL: 720 x 576)
- **Max Recording Rate** 30/25 fps (NTSC/PAL)
- **Display Rate** 30/25 fps (NTSC/PAL)
- **Video Compression** MPEG-4

Audio

- **Audio Input** 1 x stereo input (Phone Jack)
- **Audio Encoding** ADPCM H/W encoding

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** USB 2.0 High Speed
- **Operating Temperature** -10 ~ 60° C (14 ~ 140° F)
- **Storing Temperature** -20 ~ 70° C (-4 ~ 158° F)
- **Dimensions** 70 x 38 mm (2.75" x 1.49")

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-1412E** 1-ch USB MPEG-4 Video Capture Module w/ SDK

