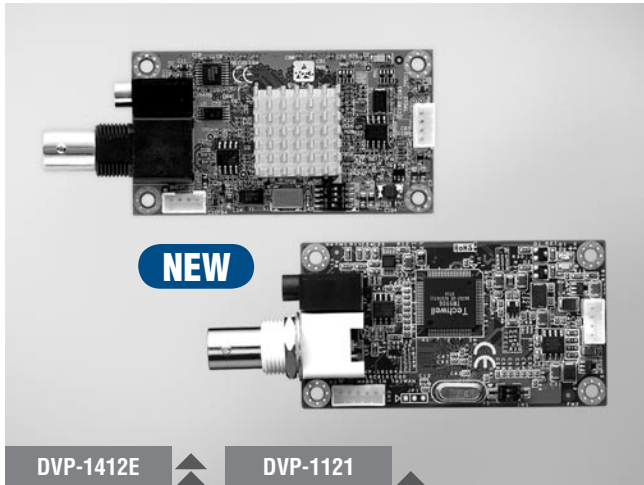


# DVP-1412E

# DVP-1121

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

**1-ch USB H.264 Video Capture Module with SDK**



## Features

- 1 channel composite inputs with MPEG-4 / H.264 hardware compression
- Supports ADPCM H/W 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/1121 are compact-sized, hardware MPEG-4/H.264 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/1121 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/1121 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/1121 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/1121 very easy for system integrators to develop applications. DVP-1412E/1121 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 (DVP1412E), H.264 (DVP-1121)

### 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
- **Operating Temperature** -10 ~ 60° C (14 ~ 140° F) (DVP-1412E)
- **Storing Temperature** -20 ~ 70° C (-4 ~ 158° F) (DVP-1412E)
- **Dimensions** 70 x 38 mm (2.75" x 1.49") (DVP-1412E)  
70 x 42 mm (2.75" x 1.65") (DVP-1121)

## 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.

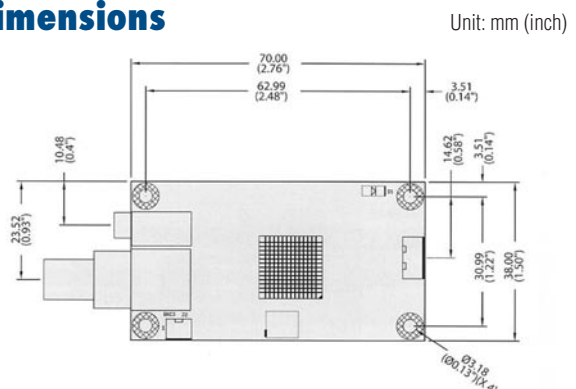
The SDK package would include:

- Software Library
- SDK Manual
- Sample Program

## Ordering Information

- **DVP-1412E** 1-ch USB MPEG-4 Video Capture Module w/ SDK
- **DVP-1121-AE** 1-ch USB H.264 Video Capture Module w/ SDK

## Dimensions



**Notice:** DVP-1412E/DVP-1121 are the same mounting hole position