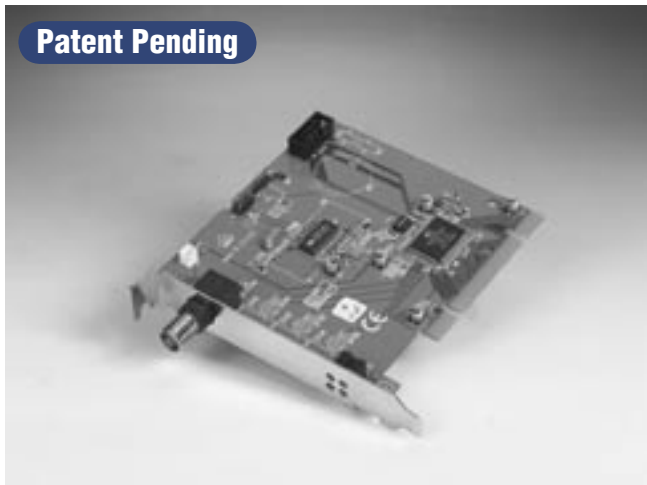


DVP-7010A

1 Channel PCI-bus Video Capture Card with WDT, GPIO

Patent Pending



CE FCC

Features

- Supports 1 channel composite input and captures up to D1 resolution at 30/25 fps
- CONEXANT Fusion 878A video decoder chip onboard
- NTSC/PAL Composite video input through BNC connectors
- Built-in 128-byte user programmable EEPROM
- Up to 4 cards installed in one PC, setting by on-board DIP switch
- 8 bit TTL/CMOS level Digital I/O
- Supports MS Windows® 2000/XP with drivers and SDK
- Watchdog function for system fail over
- Programmable software protection key

Introduction

DVP-7010A is a 1 channel input PCI bus video capture card. DVP-7010A allows up to 4 cards to be installed in one PC system through onboard DIP switch setting. DVP-7010A has LED indicators to display the card IDs, and supports NTSC/PAL composite video input through BNC connectors. It has a built-in watchdog timer to reset the system and prevent the system from hanging when unknown errors occur. DVP-7010A is designed with programmable software protection for copy protection issues.

Specifications

Video

- **Input Connectors** 1 BNC connectors
- **Video Standard** Composite for NTSC / PAL
- **Capture Resolution** Up to 720 x 480 (NTSC) / 720 x 576 (PAL)
- **Frame Rate** 30 fps (NTSC) / 25 fps (PAL/SECAM)
- **Image Processing** Hardware adjustment of hue, contrast, saturation, and brightness
- **Data Output Format** Multiple YCrCb, RGB and YUV planar formats supported
Selectable pixel density: 8, 16, 24, and 32 bits per pixel

Host Communication

- **Host Interface** PCI v2.2
- **Max. Card** Up to 4 cards in one PC system, setting by DIP switch with LED indicators on Bracket.
- **Driver and SDK** Supports Microsoft Windows 2000/XP
- **Demo Program** Complete demo program with C++ source code for reference

Hardware

- **GPIO** TTL/CMOS level 8-bit DI/O
- **EEPROM** 128-byte EEPROM for programming
- **Dimensions (W x L)** 119.91 x 106.69 mm (4.72" x 4.20")
- **Power Consumption** +5 V DC input by PCI bus, max. 330 mA
- **Temperature** 0 ~ 60° C (32 ~ 140° F; Operating) -20 ~ 70° C (-4 ~ 158° F; Non-operating)

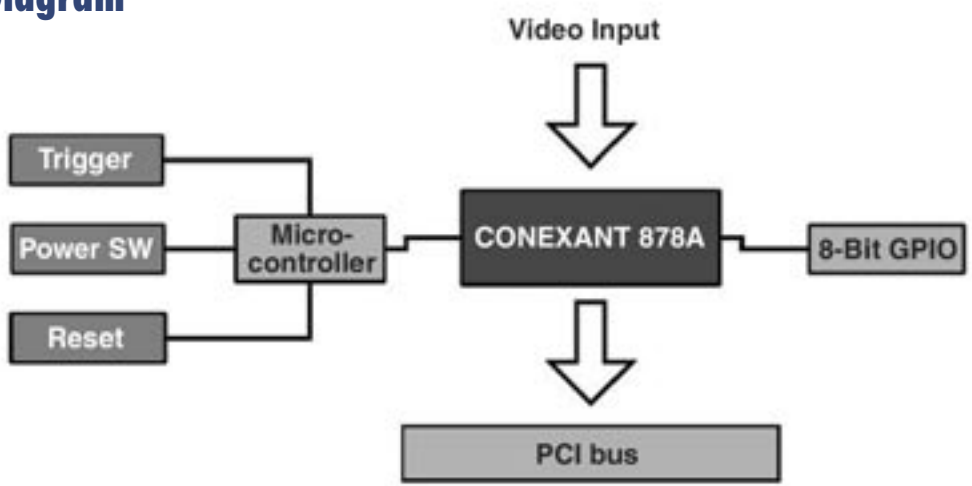
Ordering Information

- **DVP-7010A** 1 channel PCI capture card
- **DVA-1000** Secure key writer for software copyright protection

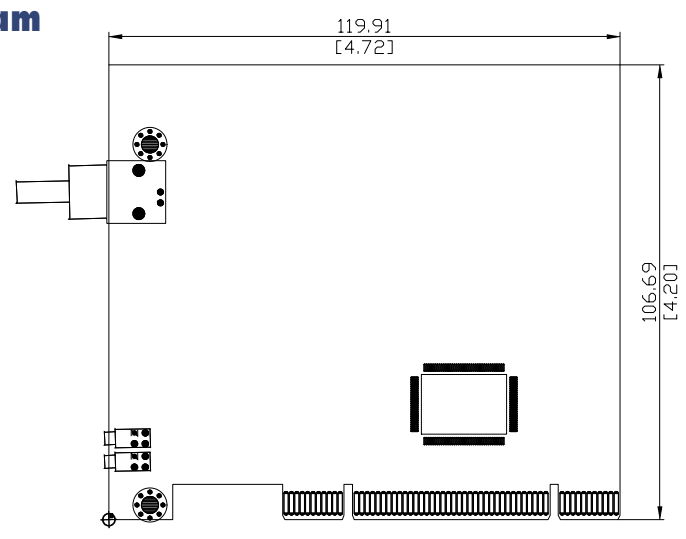
Packing List

- **Startup Manual** X 1
- **Utility CD** X 1

Block Diagram



Dimension Diagram



Unit: mm