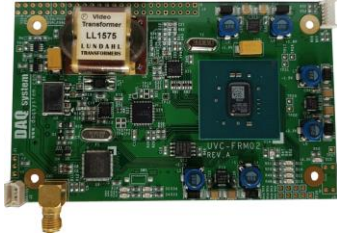


UVC-FRM02

UVC(USB Video Class) Frame Grabber



INTRODUCTION

The UVC-FRM02 board receives selected digital or analog signals from external HD-SDI, NTSC, and PAL signals, processes the video data by UVC function and transmits them.

GENERAL DESCRIPTION

- ◆ Support HS-SDI(1280x720), NTSC, PAL
- ◆ UVC(USB Video Class) Auto Driver
- ◆ Using Open CV2, CV3
- ◆ Fully Plug-and-Play

APPLICATION

- ◆ Frame Grabber
- ◆ Web CAM
- ◆ Digital Camcorder
- ◆ Analog Video Converter

SOFTWARE

- **Operating System**
 - Windows 7/8/10
- **API**
 - Interface with Application through OpenCV DLL

PHYSICAL/ENVIRONMENTAL

- **From Factor**
 - UVC(USB Video Class)
- **Dimension**
 - Camera I/O : BNC connector
 - External I/O Signal : D-SUB 50pin Socket connector
 - Dimension (not including connectors) : 110mm x 68 mm
- **Temperature**
 - -32 to 43°C, Operating
 - -40 to 63°C Storage
- **Relative Humidity**
 - 5 to 95%, Non-considering
- **Power Requirement**
 - Power Supply through USB(Max. 700mA)

BLOCK DIAGRAM

