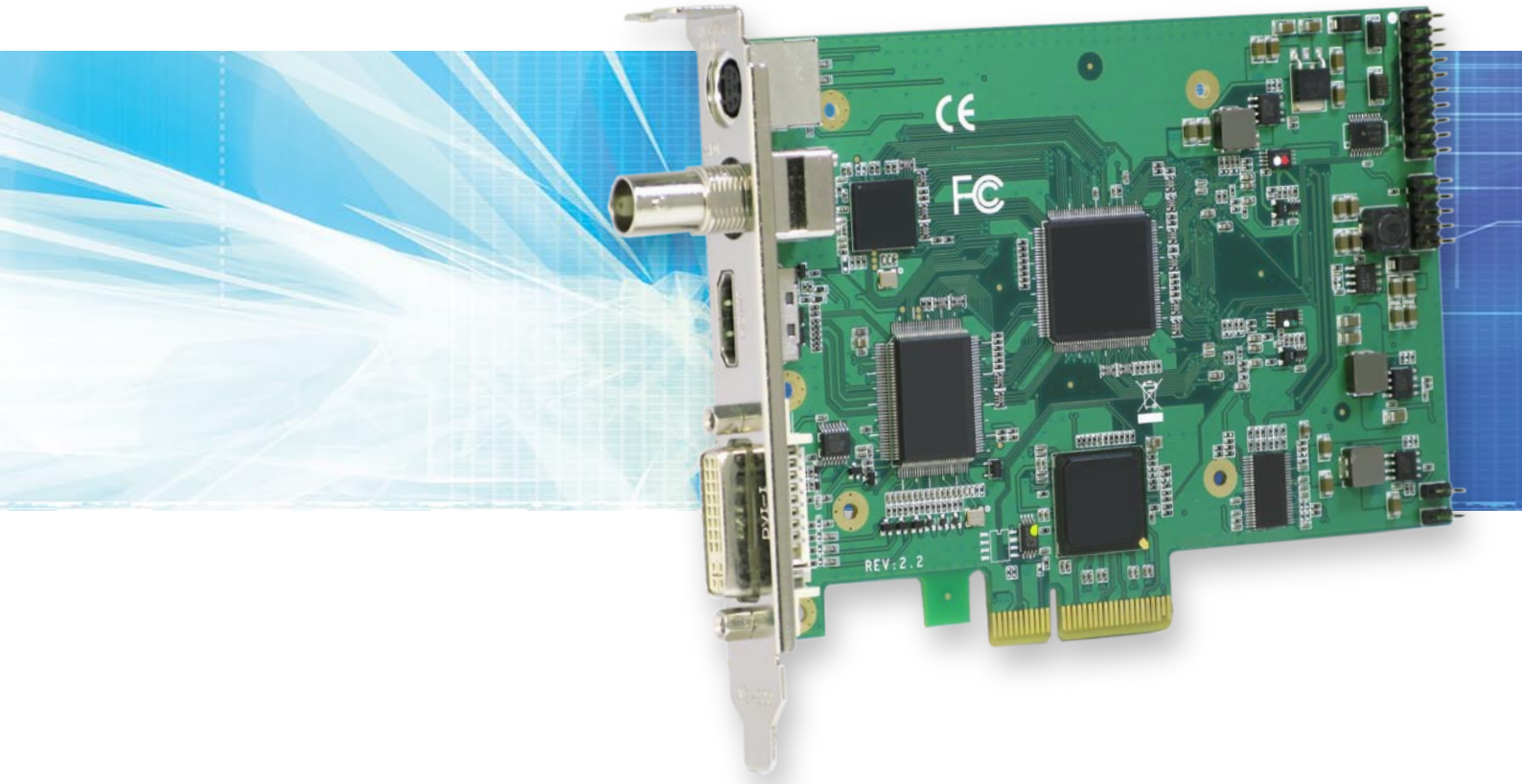
UFG-10 M

multi input streaming capture board



Video and Audio Capture

UFG-10 Series is a modern PCIe bus based frame grabber family that captures both video and audio. UFG-10 family is compatible with standard DirectShow and V4L2 applications and the included SDK enables easy integration with customer own program in Windows environment. The efficient PCIe bus enables the high data throughput needed to capture crystal clear high resolution video. Application areas for the UFG-10 Series can be found in medical, industrial, multimedia or in maritime environment.

Multitude of Inputs

UFG-10 M frame grabber features five popular video input types from analog RGB to digital SDI. In addition to the embedded audio in HDMI and SDI, it can capture also discrete L / R audio. The flexibility makes UFG-10 M an optimal choice for e.g. as the capturing device for a Medical or Presentation Media PC.

Features

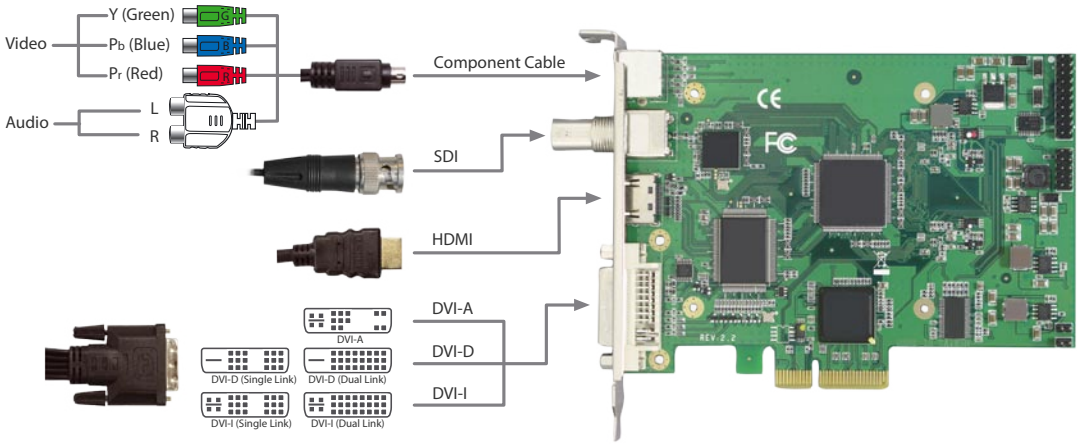
- 5 Video and 3 audio inputs conveniently in one board
- 1920x1080 Full HD at 50/60 fps
- HDMI and SDI embedded audio and L/R external audio
- DirectShow for Windows and V4L2 for Linux
- SDK for easy integration

Preliminary

UNIGRAF

UFG-10 M

multi input streaming capture board



Unigraf UFG-10 Series

UFG-10 Series is a modern all-in-one capture board family. It features four family members. The family features all popular interfaces from RGB to HDMI and SDI. UFG-10 boards can be used with either Windows and DirectShow or Linux and V4L2.

Four Family Members

The two models with a combination of five video and three audio inputs are optimal for media concentrators. **UFG-10 M** is for applications that need RAW capture and **UFG-10 MC** for applications gaining of HW compression.

The other two family members, **UFG-10 4H** with four parallel HDMI inputs and **UFG-10 2S** with two parallel SDI inputs, suit to applications where the use of PCIe bus slots have to be optimized.

Unigraf is a Reliable Choice

Unigraf's wide selection of frame grabber boards have gained their reputation in applications where the quality and reliability cannot be compromised. The same expectations apply also to Unigraf's whole operation from design to customer support.

Specifications

Inputs	DVI and RGB on DVI-I connector HDMI on HDMI (A) connector SDI on BNC connector YPbPr and Line In Audio with supplied extension cable
Input Resolution	720×576i50 to 1920×1080p60
Color Coding	YUY2 / YV12 / NV12 / RGB24 / RGB32
Resolutions	Automatically detect common CEA and VESA modes
Audio	Embedded audio: LPCM, 2 channels, 16 bits, 32 to 48 kHz Line In: RCA L / R inputs
SW Interface	64 / 32 bit drivers Windows Direct Show and Linux , V4L2 compatible SDK / API for VC++, .NET, VB
Bus Interface	PCIe x4
Operating Systems	Windows® 8, 7, Vista or XP (64/32) Linux 2.6.14 or higher
Module Size	135 x 101 mm

Preliminary

All specifications subject to change without notice.

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