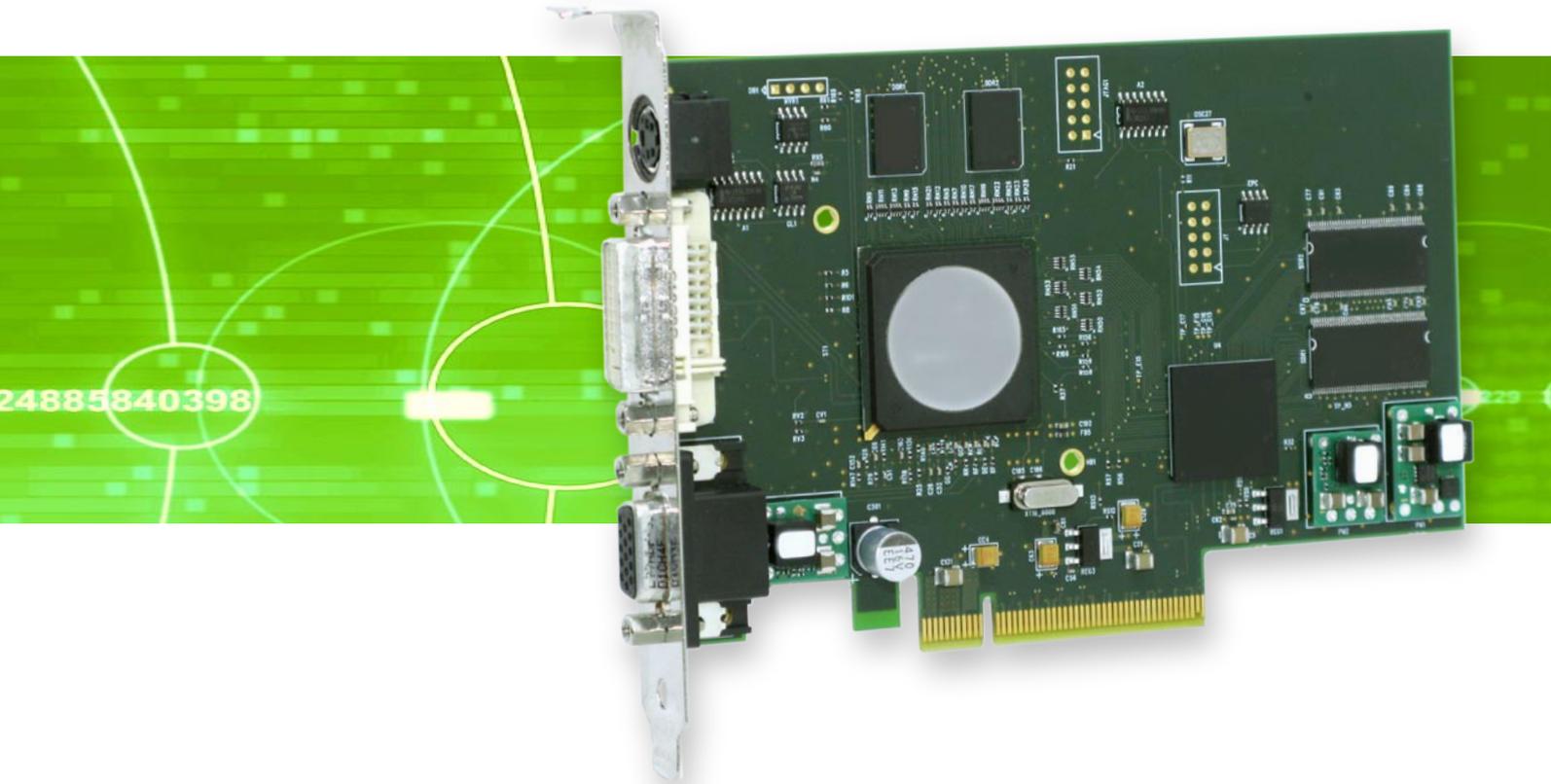


# UFG-07 HS

high speed multifunction  
capture board



## High Speed Frame Grabber

UFG-07 Series is a modern, high speed PCI Express bus based frame grabber family. They enable capture of high definition video from any PC or HDMI/DVI or analog video output. A wide variety of standard PC video capturing tools can be used to store video streams. The efficient PCIe bus enables a high data throughput needed to capture crystal clear high resolution video. Application areas for the UFG-07 Series can be found in medical, industrial, multimedia or in maritime environment.

## DirectShow

UFG-07 Frame Grabbers can be used with any application supporting DirectShow®. The AVStream driver provides the full control of the capturing process, enabling the user to configure the captured resolution as well as an optimum frame rate.

## Highlights

- Full Frame Rate capturing up to 1920x1200p60
- High Speed 4-lane PCIe bus
- Separate inputs for HDMI/DVI, RGB/YPbPr and S-Video/CVBS
- DirectShow AVStream driver with configuration dialog

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## Unigraf UFG-07 Series

UFG-07 Series is an addition to Unigraf's versatile all-in-one frame grabber family. The family is known from its easiness of use, reliability and problem-free operation with any DirectShow compatible application.

## Three Family Members

UFG-07 Series includes three standard models providing features dedicated for various kinds of user need. **UFG-07 HS** and **UFG-07 STD** provide all three common video interfaces: HDMI/DVI, RGB/YpPr and S-Video/CVBS. For compatibility with various PC platforms UFG-07 HD features a 4-lane PCIe bus and UFG-07 Std a 1-lane PCIe bus.

**UFG-07 HS Dual** is an ideal capture board for users who need to capture two simultaneous high resolution streams from varying sources. With the very fast 8-lane PCIe bus interface the resulting captured frame rate (fps) ensures that the stored stream is high quality and flicker-free.

## Reputation as a Reliable Choice

Unigraf's multifunction frame grabbers are used in a wide variety of professional applications requiring a reliable capture component with easy intergration and superior support. Companies that chose Unigraf frame grabbers did not want to accept less any more.

## Specifications

Inputs	DVI or HDMI on DVI-I connector RGB or YPbPr on VGA connector S-video or CVBS on S-Video connector
Input Resolution	640 x 480 to 1920 x 1200
Color Coding	RGB, YPbPr
Color Depth	24 bpp
Resolutions	Automatically detect all VESA DMT/CVT and CEA 861-E timings up to 1080p60 and 1920x1200p60 (RB). PAL, NTSC, B/W. Automatic wide screen detection
SW Interface	64 and 32 bit AVStream drivers (x64, WOW64, X86) with configuration dialog.
Bus Interface	PCIe x4 (1.0) w scatter-gather DMA. Mechanically PCIe x8.
Operating Systems	Windows® 8, 7 or XP (64/32)
Module Size	146 x 97 mm

All specifications subject to change without notice.

