

UFG-12 HDMI 4K

4K HDMI Capture Board



Video and Audio Capture

UFG-12 Series is a modern PCIe bus based frame grabber family that captures both video and audio. UFG-12 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-12 Series can be found in medical, industrial, multimedia or in maritime environment.

HDMI 4K at 60 fps

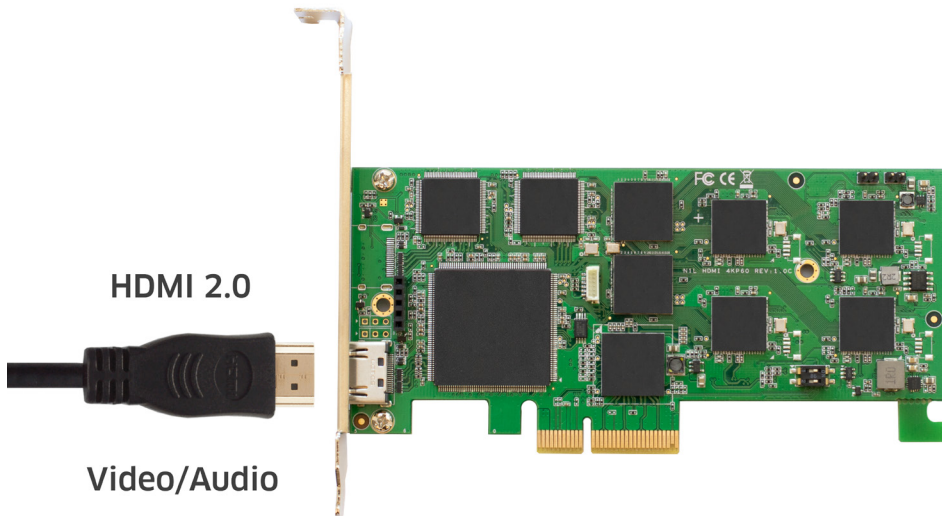
UFG-12 HDMI 4K frame grabber features one HDMI 2.0 input supporting 4K video capturing at 60/50/30/25/24fps. UFG-12 HDMI 4K is a low-profile video capture board specifically designed for high-definition video capture applications. UFG-12 HDMI 4K comes with VESA format support and is an optimal solution for someone looking for a cost-effective 4K HDMI capture board.

Features

- 4K HDMI Video Capture Board
- 4K at 60 fps
- Full-feature SDK for system integration
- DirectShow for Windows and V4L2 for Linux

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Unigraf UFG-12 Series

UFG-12 Series is a modern all-in-one capture board family. It features five family members. The family features all popular interfaces from RGB to HDMI and SDI. UFG-12 boards can be used with either Windows and DirectShow or Linux and V4L2.

Five Family Members

The two models with a combination of five video and three audio inputs are optimal for media concentrators. **UFG-12 M** is for applications that need RAW capture and **UFG-12 MC** for applications gaining of HW compression.

The other three family members are **UFG-12 4H** with four parallel HDMI inputs, **UFG-12 2S** with two parallel SDI input and **UFG-12 HDMI 4K** with one HDMI 2.0 input.

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	1 x HDMI 2.0
Input Resolution	720x576i50 to 4096x2160@60 fps
Recording Format	H.264 (Software Compression)
Color Coding	YUY2 / YV12 / NV12 / RGB24 / RGB32
Audio	1 x HDMI Embedded Audio LPCM, 2 channels, 16 bits, 32 to 48 kHz
SW Interface	64 / 32 bit drivers Windows / Direct Show and Linux / V4L2 compatible SDK / API for C++, C#, .NET, VB, Qt, Delphi
Bus Interface	PCIe x4 (Gen2)
Operating Systems	Windows® 10, 8.1, 8, 7, Vista, XP Linux 2.6.14 or higher (64/32)
Module Size	145 x 69 mm



All specifications subject to change without notice.