

Full HD HDMI to USB3.0 Converter with software



- Real plug & play, no need to install drivers
- Video input up to Full HD, 1920x1080 pixels
- Video output format as input
- Support brightness, contrast, hue, saturation
- Automatically detect and de-interlace signals
- Compatible with various USB 3.0 chipsets
- Support APIs, such as Windows DirectShow
- Support multiple devices to one computer



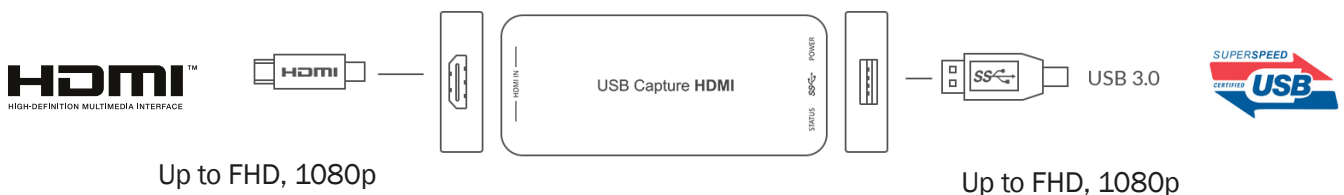
Plug-&-play high quality Full HD HDMI to USB3.0 Video Capture device.

Connect HDMI output of your Inspectis HD 720p or Full HD 1080p Digital Microscopes to this device and plug it to USB3.0 port of your computer to capture live image of your Digital Microscope in Full HD format.

No need to install drivers. Automatically determine the input video format and automatically convert it to the specified output size and frame rate.

A FPGA is used for video processing and data transmission, reducing CPU usage of host computer. All video Processing is done by onboard hardware so requires zero CPU usage.

Approved for use together with Inspectis Digital Microscopes and INSPECTIS® Basics, Pro and ProX software.



Ordering number:

Item name	Order No.
Inspectis Full HD HDMI USB3.0 Capture	HD-033
Inspectis Full HD HDMI USB3.0 Capture with INSPECTIS® Basics software	HD-031
Inspectis Full HD HDMI USB3.0 Capture with INSPECTIS® Pro software	HD-032
Inspectis Full HD HDMI USB3.0 Capture with INSPECTIS® Pro-X software	HD-032-PX

"For High Quality Live Video Capture without lag"

4K HD to USB3.0 Converter

with software



- Real plug & play, no need to install drivers
- Video input up to UHD 4096×2160 pixels
- Video output up to UHD 4096×2160 pixels
- Loop-through HDMI signal
- Automatically detect and de-interlace signals
- Compatible with various USB 3.0 chipsets
- Support APIs, such as Windows DirectShow
- Support multiple devices to one computer

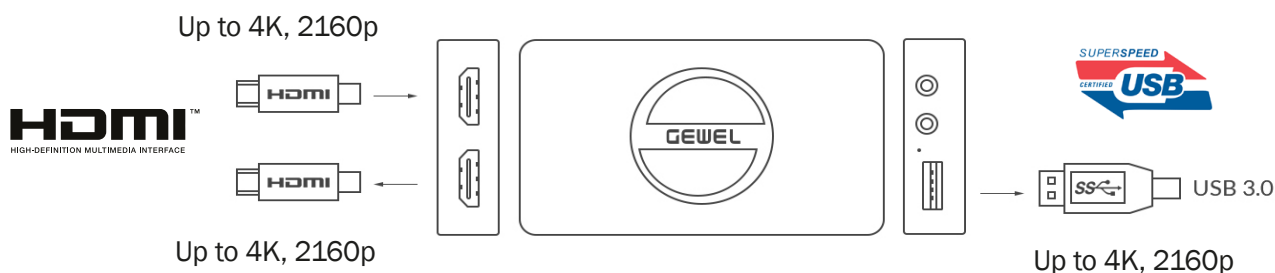


High quality Plug-&-play 4K HDMI to USB3.0 Video Capture device.

Connect HDMI output of your Inspectis 4K 2190p Digital Microscopes to this device and plug it to USB3.0 port of your computer to view and capture live image of your Digital Microscope in ULTRA HD format.

No need to install drivers. Automatically determines the input video format and converts it to the specified output size and frame rate. Supports loop-through resolution up to 4096×2160 pixels for connecting the video to an external monitor.

A FPGA is used for video processing and data transmission, reducing CPU usage of host computer. All video Processing is done by onboard hardware so requires zero CPU usage. Approved for use together with Inspectis Digital Microscopes and INSPECTIS® Basics, Pro and ProX software.



Ordering number:

Item name	Order No.
Inspectis 4K UHD USB3.0 Capture Pro Device	HD-120-P
Inspectis 4K UHD USB3.0 Capture with INSPECTIS® Basics software	HD-043
Inspectis 4K UHD USB3.0 Capture with INSPECTIS® Pro software	HD-044
Inspectis 4K UHD USB3.0 Capture with INSPECTIS® Pro-X software	HD-044-PX

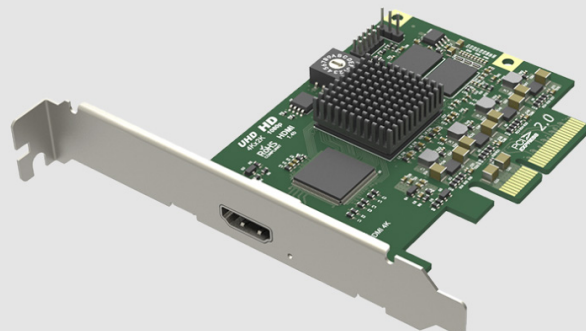
”Loop-through for Live Video Display on External Monitor”

4K HD to PCIe Converter

with software



- Video input up to UHD 4096×2160 pixels
- Video output up to UHD 4096×2160 pixels
- Automatic driver installation
- Automatically detect and de-interlace signals
- Support APIs, such as Windows DirectShow
- Support multiple cards to one computer

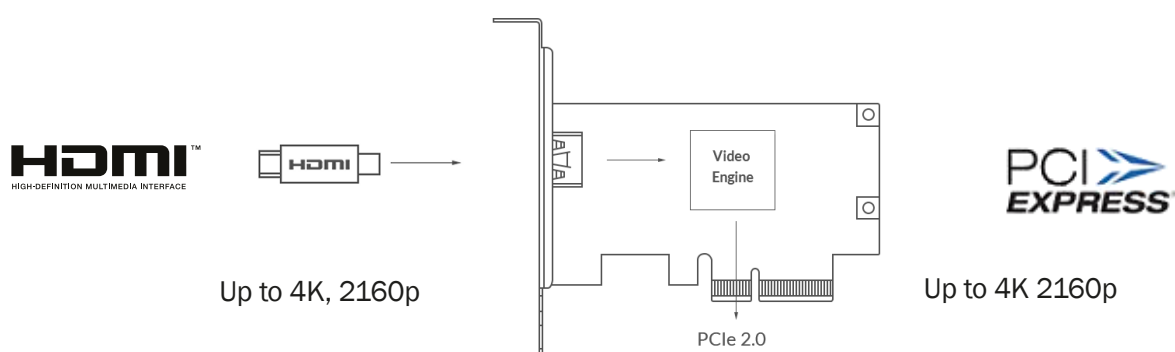


One channel 4K PCI express 2.0x4 video capture card.

Connect HDMI output of your Inspectis 4K 2190p Digital Microscopes to this card and capture live image of your Digital Microscope in Ultra HD format. HD-130 automatically determines the input video format and automatically converts it to the specified output size and frame rate.

A FPGA is used for video processing and data transmission, reducing CPU usage of host computer. All Video Processing is done by onboard hardware so requires zero CPU usage.

Cards maintain stable performance after long periods of use. Approved for use together with Inspectis Digital Microscopes and INSPECTIS® Basics, Pro and ProX software.



Ordering number:

Item name	Order No.
Inspectis 4K HD PCIe Capture	HD-130
Inspectis 4K HD PCIe Video Capture with INSPECTIS® Basics software	HD-045
Inspectis 4K HD PCIe Video Capture with INSPECTIS® Pro software	HD-046
Inspectis 4K HD PCIe Video Capture with INSPECTIS® Pro-X software	HD-046-PX

"True Live Ultra HD Capture at 8.8 Mp resolution"



Specifications

	HD-033	HD-120-P	HD-130
Input interface	1 HDMI	1 HDMI	1 HDMI
Host interface	USB 3.0	USB 3.0	PCIe 2.0 x4
Max. Input format	2048×2160	4096×2160	4096×2160
Max. Capture/Streaming format	1920x1080	4096×2160	4096×2160
Loop -through format	-	4096×2160 HDMI	-
Driver and Firmware	Driver Free, Updatable Firmware	Universal Driver, Updatable Firmware	Driver Free, Updatable Firmware
Operating System	Windows, Linux, Mac, Chrome OS		
Others	Multiple Devices on One Host. Windows, Linux and Mac SDK		
Storage Environment	-20° - +60°C, 20 - 95% RH, non-condensing		
Operating Environment	-5° - +40°C, 20 - 95% RH, non-condensing		
Size,	92.20mm x 40.20mm x 12.30mm (L/W/H)	98.10mm x 56.80mm x 17.00mm (L/W/H)	92.76mm x 68.88mm (without PCI bracket)

System Requirement

CPU	Intel Core i5 2.8GHz or higher
Operating System	Windows 7/8.1/10
Memory	4 GB or higher of RAM, Recommended: 8 GB or higher of RAM
Hard disk	200 GB of Free Space
Display	Full HD 1920 x 1080 for HD-033 and HD-120. 4K 3840 x 2160 for HD-130
Ports	One USB 3.0 port for HD-033 and HD-120. One PCIe Gen2 x4 for HD-130

Reseller:



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Quality of Inspection

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