4K 60fps HDMI to USB3.2 Converter
with loop-through software

INSPECTIS

- ● Real plug & play, no need to install drivers
- ● Video input up to UHD 4096×2160 60fps
- ● Video output up to UHD 4096×2160 60fps
- ● Loop-through HDMI signal at 4K 60fps
- ● Automatically detect and de-interlace signals
- ● Support APIs, such as Windows DirectShow
- ● Support multiple devices to one computer
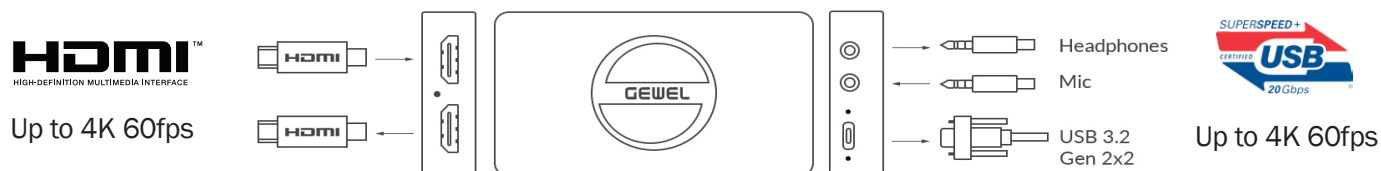- ● No external power supply

High quality Plug-&-play 4K 60fps HDMI Capture device.

Connect HDMI output of your Inspectis 4K 60fps Digital Microscopes to this device and plug it to USB3.2 Gen2x2 port of your computer to view and capture live image of your Digital Microscope in 4k 60fps 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. Verified and approved for use together with Inspectis Digital Microscopes and INSPECTIS© Basics, Pro, ProX and OAI software.

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE
Up to 4K 60fps

Headphones
Mic
USB 3.2 Gen 2x2

SUPERSPEED+ CERTIFIED USB 20Gbps
Up to 4K 60fps

Ordering number:

Item name	Order No.
Inspectis 4K60 UHD USB3.2x2 Capture Pro Device	HD-120-P60
Inspectis 4K USB3.2 Gen 2x2 Capture Pro with INSPECTIS© Basics software	HD-043-60
Inspectis 4K USB3.2 Gen 2x2 Capture Pro with INSPECTIS© Pro software	HD-044-60
Inspectis 4K USB3.2 Gen 2x2 Capture Pro with INSPECTIS© ProX software	HD-044-60-PX

" 4K 60fps Capture and Loop-through for Display on External Monitor"

4K 30fps HDMI to USB3.0 Converter
with loop-through software

INSPECTIS

- Real plug & play, no need to install drivers
- Video input up to UHD 4096×2160 30fps
- Video output up to UHD 4096×2160 30fps
- Loop-through HDMI signal at 4K 30fps
- Automatically detect and de-interlace signals
- Compatible with various USB3.0 chipsets
- Support APIs, such as Windows DirectShow
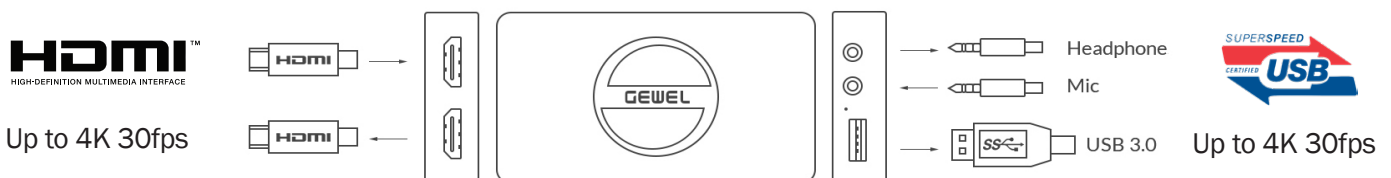- Support multiple devices to one computer

High quality Plug-&-play 4K 30fps HDMI Video Capture device.

Connect HDMI output of your Inspectis 4K 2190p Digital Microscopes to this device and plug it to USB3.0 or USB3.1 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 30 fps for connecting the video to an external monitor. Supports capture of 4K 60fps downscaled to 30fps without loopthrough.

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

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE
Up to 4K 30fps

Headphone
Mic
USB 3.0

SUPERSPEED CERTIFIED **USB**
Up to 4K 30fps

Ordering number:

Item name	Order No.
Inspectis 4K30 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

" 4K 30fps Capture and Loop-through for Display on External Monitor"

FHD 60fps HDMI to USB3.0 Converter
with software

- Real plug & play, no need to install drivers
- Video input up to Full HD, 1920x1080 60fps
- Video output format as input
- Support brightness, contrast, hue, saturation
- Automatically detect and de-interlace signals
- Compatible with various USB3.0 chipsets
- Support APIs, such as Windows DirectShow
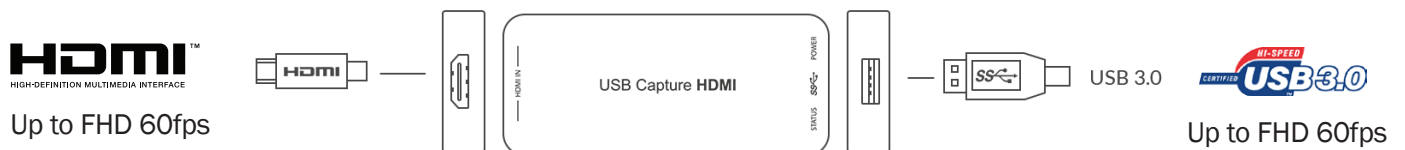- Support multiple devices to one computer

Plug-&-play high quality Full HD 60fps HDMI 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 or USB3.1 port of your computer to capture live image of your Digital Microscope in Full HD 60fps 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 Pro-cessing is done by onboard hardware.

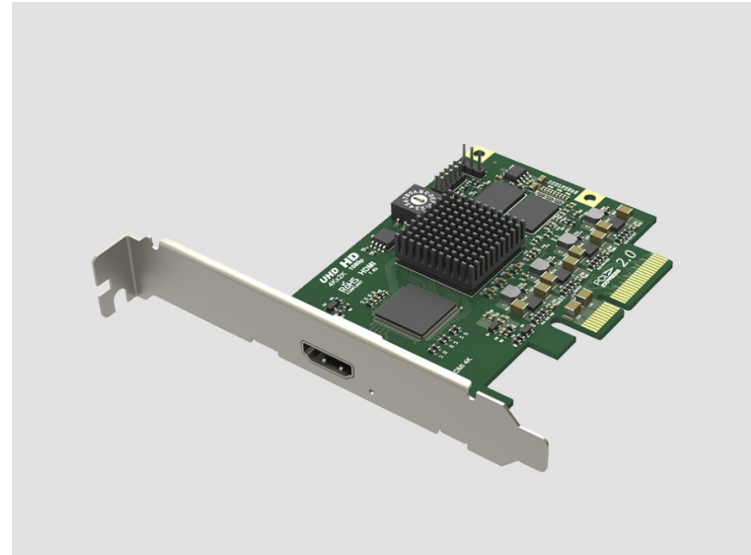Approved for use together with Inspectis Digital Microscopes and INSPECTIS© Basics, Pro and ProX software.

Up to FHD 60fps   Up to FHD 60fps

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 30fps HDMI to PCIe Converter

INSPECTIS

- Video input up to UHD 4096×2160 60fps
- Video output up to UHD 4096×2160 60fps
- Automatic driver installation
- Automatically detect and de-interlace signals
- Support APIs, such as Windows DirectShow
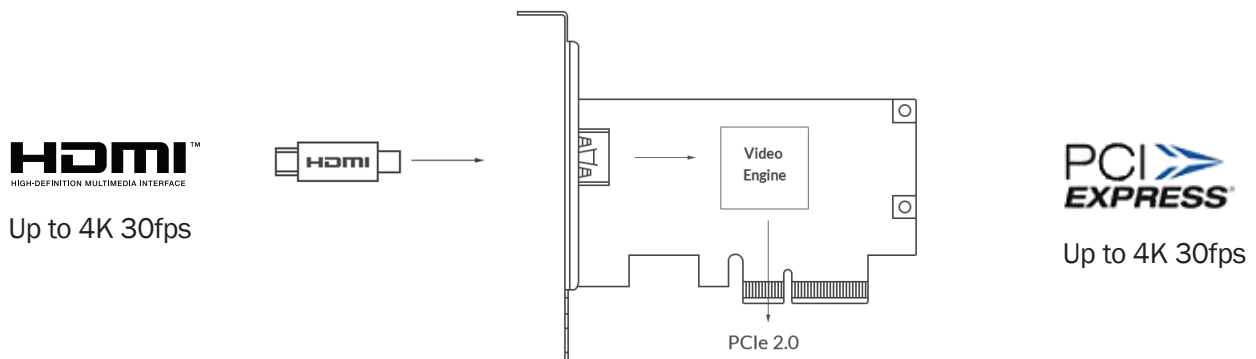- Support multiple cards to one computer

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

Connect HDMI output of your Inspectis 4K 60 fps Digital Microscopes to this card and capture live image of your Digital Microscope in Ultra HD 60fps 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. Verfied and approved for use together with Inspectis Digital Microscopes and INSPECTIS© Basics, Pro, ProX and OAI software.

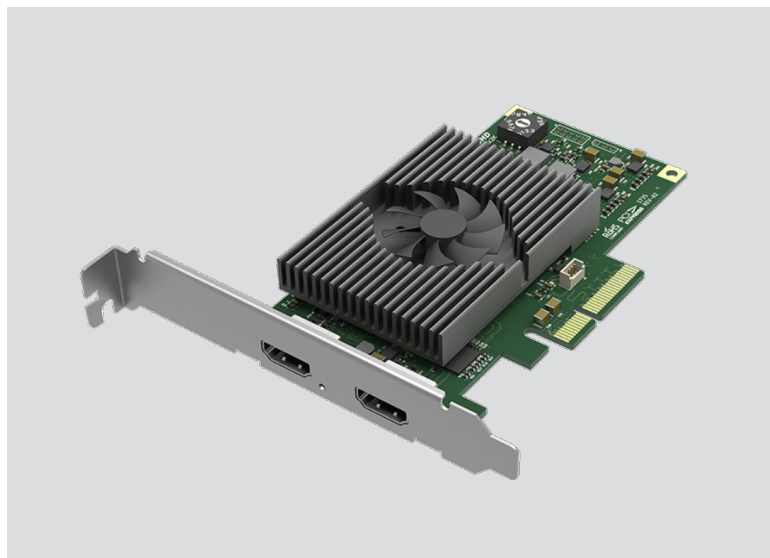**HDMI** HIGH-DEFINITION MULTIMEDIA INTERFACE
Up to 4K 30fps

Video Engine

PCIe 2.0

PCI EXPRESS®
Up to 4K 30fps

Ordering number:

Item name	Order No.
Inspectis 4K 30fps PCIe Capture	HD-130
Inspectis 4K 30fps PCIe Video Capture with INSPECTIS© Basics software	HD-045
Inspectis 4K 30fps PCIe Video Capture with INSPECTIS© Pro software	HD-046
Inspectis 4K 30fps PCIe Video Capture with INSPECTIS© Pro-X software	HD-046-PX

"4K 30fps Video Capture with minimum lag"

4K 60fps HDMI to PCIe Converter
with loop-through

INSPECTIS

- Video input up to UHD 4096×2160 60fps
- Video output up to UHD 4096×2160 60fps
- Loop-through UHD output at 60fps
- Automatic driver installation
- Automatically detect and de-interlace signals
- Support APIs, such as Windows DirectShow
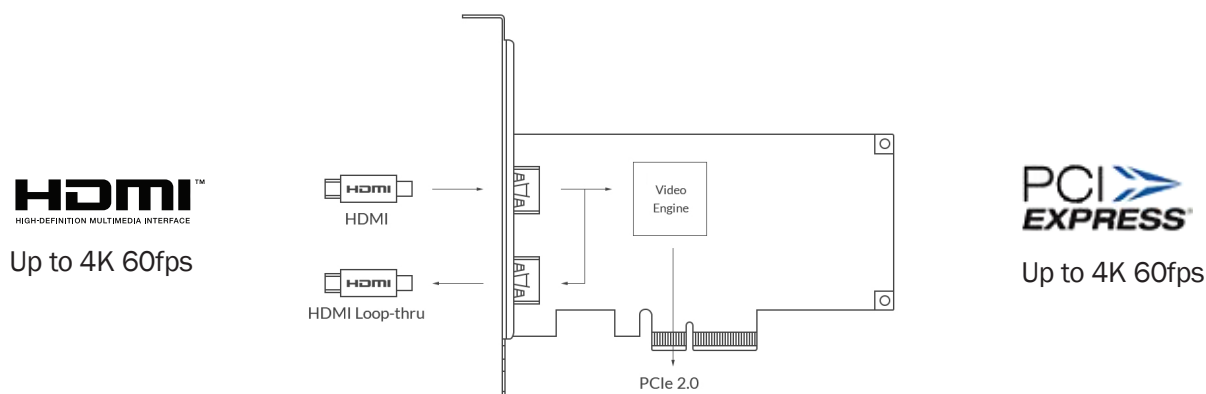- Support multiple cards to one computer

One channel 4K 60fps PCI express 2.0x4 video capture card with loop-through output for external display.

Connect HDMI output of your Inspectis 4K 60fps Digital Microscopes to this card and capture live image of your Digital Microscope in Ultra HD 60fps format simultaneously in INSPECTIS© software as well as on an extra monitor. HD-130-LT 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. Verfied and approved for use together with Inspectis Digital Microscopes and INSPECTIS© Basics, Pro, ProX and OAI software.

HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE
Up to 4K 60fps

HDMI

HDMI Loop-thru

Video Engine

PCIe 2.0

PCI EXPRESS
Up to 4K 60fps

Ordering number:

Item name	Order No.
Inspectis 4K 60fps UHD PCIe Capture Device with Loop-Through	HD-130-LT

" 4K 60fps Capture and Loop-through for Display on External Monitor"

Specifications:

Item No.	HD-120-P60	HD-120-P	HD-033	HD-130/ HD-130-LT
Interface	USB 3.2 Gen2x2	USB 3.0/USB 3.1	USB 3.0/USB 3.1	PCIe 2.0 x4
Input Interface	1 HDMI	1 HDMI	1 HDMI	1 HDMI
Loop -through Format	4096×2160 HDMI	4096×2160 HDMI	-	4096×2160 HDMI
Max. Input Format	4096×2160 30fps	4096×2160 60fps	2048×2160 60fps	4096×2160 60fps
Max. Capture / Streaming Format	4096×2160 30 fps	4096×2160 60fps	1920x1080 60fps	4096×2160 60fps
Driver and Firmware	Plug & Play Updatable Firmware	Plug & Play Updatable Firmware	Plug & Play Updatable Firmware	Driver Updatable Firmware
Power Consumption	5V ~1.5A (~7.5W)	5V ~1.4A (~7W)	5V ~0.5A (~2.5W)	12V ~0.5 A (~ 8 W)
Operating System	Windows, Linux, Mac, Chrome OS			
Others	Multiple devices on one host computer. SDK/API			
Storage Environment	-20° – +60°C, 20 - 95% RH, non-condensing			
Operating Environment	0° – +35°C, 20 - 95% RH, non-condensing			
Size	98.1 x 56.8 x 17 mm	98.1 x 56.8 x 17 mm	92.2 x 40.2 x 12.3 mm	PCI2 2.0 card

System Requirements:

CPU	Intel Core i5 2.8GHz or higher (Core i7, 4.4GHz recommended for 4K 60fps converters)
Operating System	Windows 10/11
Memory	16 GB or higher of RAM
Hard disk	200 GB of Free Space
Display	Full HD 1920 x 1080 for HD-033. 4K 3849 x 2160 for other models
Ports	One USB 3.0/3.1/3.2 port (5Gbit/s) for HD-033 and HD-120-P. One USB3.2 Gen 2x2 for HD-120-P60. One PCIe Gen2 x4 for HD-130 and HD-130-LT

Reseller

INSPECTIS

Quality of Inspection

Inspectis Optical Systems
Stockholm, Sweden

www.inspect-is.com
info@inspect-is.com