VigilLink

back side

front side

4K60 downscale to 1080p60 and to USB3.0 Video Capture

This HDMI to USB video capture dongle has 1 HDMI INPUT, 1 HDMI LOOP OUT, and 1 USB OUTPUT.
The HDMI INPUT supports inputting videos with resolutions up to 4K60. The USB OUTPUT can be used to power the device and capture videos with solutions up to 1080P60. It can be wildly used in video conferences, multi-media broadcasting, and other HDMI video-capturing occasions.

Featured Highlights

- HDMI 2.0b, HDCP 2.2, USB 2.0 and USB 3.0 compliant
- 18Gbps HDMI video bandwidth, 5Gbps USB video bandwidth
- HDMI INPUT video resolution reaches up to 4K2K@60Hz; USB OUTPUT video resolution has a range between 480i to 1080p60Hz
- Supports 4K2K@60Hz downscaling to 1080p60Hz
- Supports 4K60 4:4:4 HDMI loop out
- Operates in Windows, Linux and OS X
- USB transmission speed up to 300~350Mb/s
- Compatible with VLC, OBS, XSPLIT, AMCAP and other video capturing software.
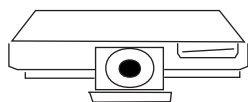- Compacts in design, plug and play

TECHNICAL

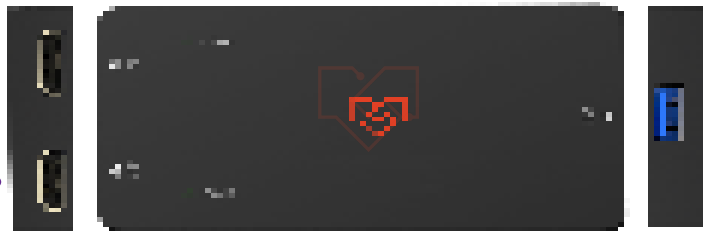|	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	HDMI: 18 Gbps; USB: 5Gbps
Video Resolution	Up to 4K2K@60Hz 4:4:4
Video Compression Standards	Video will be in YUV2 with no compression if outputting via a USB 3.0 port; Video will be compressed in MJPEG if outputting via a USB 2.0 port
USB OUTPUT Resolution	Support 4K24/25/30/50/60 INPUT down scaling to 1080P OUTPUT; For resolutions lower than 1080P, INPUT keeps the same as OUTPUT
Color Depth	8/10/12-bit
Color Space	RGB, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
HDMI Audio Format	PCM 2.0
USB Version	USB 3.1 GEN 1
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

MECHANICAL

Housing	Plastic Enclosure
Color	Black
Dimensions	90mm[W] × 60mm[D] × 16mm[H]
Weight	47g
Power Supply	USB 5V / 900mA
Power Consumption	3.5W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (Non-Condensation)

CONNECTIONS

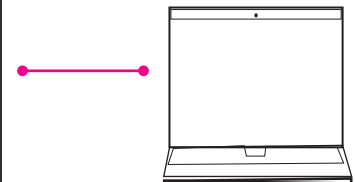|	
Input	1×HDMI Type A [19-pin female]
Outputs	1×HDMI Type A [19-pin female] 1×USB Type A [female]

APPLICATION EXAMPLE

DVD or Blu-ray Player

PC

HDTV

Color Legend
- LAN Connection
- Fiber Connection
- Cooper Cable
- Audio
- USB
- HDMI
- DisplayPort
- Control

Applications   Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms