

FAL-HDMI-CAP-4K

4K60 HDMI to USB3.0 Video Capture

FALCON



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 resolution up to 4K60. The USB OUTPUT can be used to power the device and capture videos with resolution up to 1080P60. It can be widely used in video conference, multi-media broadcasting and other HDMI video capturing occasions.

Key Features

- HDMI 2.0b, HDCP 2.2, USB 2.0 and USB 3.0 compliant
- 18 Gbps HDMI video bandwidth, 5 Gbps USB video bandwidth
- HDMI INPUT video resolution reaches up to 4K2K@60Hz;
- USB OUTPUT video resolution has a range between 480i to 1080p60Hz
- Support 4K2K@60Hz downscaling to 1080p60Hz
- Support 4K60 4:4:4 HDMI loop out
- Operative 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.
- Compact in design, plug and play

Specifications

Technical

Parameter	Specification
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	HDMI: 18 Gbps; USB: 5 Gbps
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 Audio Format	PCM 2.0
USB Version	USB 3.1 GEN 1
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)

Connections

Port Type	Details
Input	1x HDMI Type A [19-pin female]
Output	1x HDMI Type A [19-pin female] 1x USB Type A [female]

Mechanical

Parameter	Specification
Housing	Plastic Enclosure
Color	Black