



KA256 USB 4.0 TYPE C-C CABLE 40G 240W 8K60HZ 2METER - KAMEHA



Introduction

This HDMI to USB-C Converter has 1 HDMI INPUT, 1 HDMI LOOP OUT and 1 USB-C OUTPUT, which can convert HDMI signal to USB-C signal with video resolution up to 4K2K@60Hz 4:4:4. It can work normally without micro-USB power supply if the connected USB-C display is powered on. This converter can be widely used in video conference, multi-media broadcasting and other related occasions.

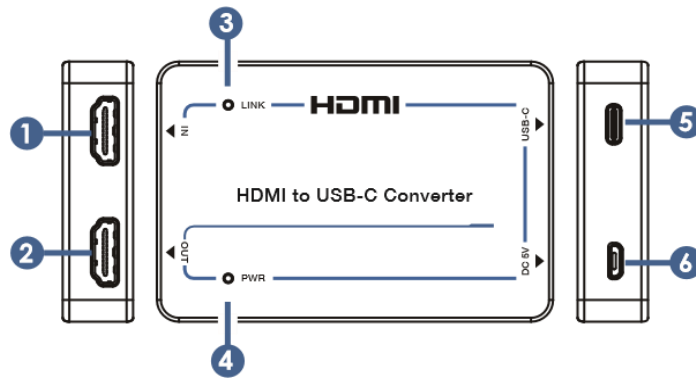
Feature

- HDMI 2.0b, HDCP 2.2, and DVI 1.0 compliant
- Support 18Gbps HDMI video bandwidth
- Video resolution up to 4K@60Hz 4:4:4
- Output supports DP1.2
- Up to 7.1CH audio pass-through, supporting PCM, Dolby TrueHD, DTS-HD Master Audio
- Compact in design, plug and play

Specifications

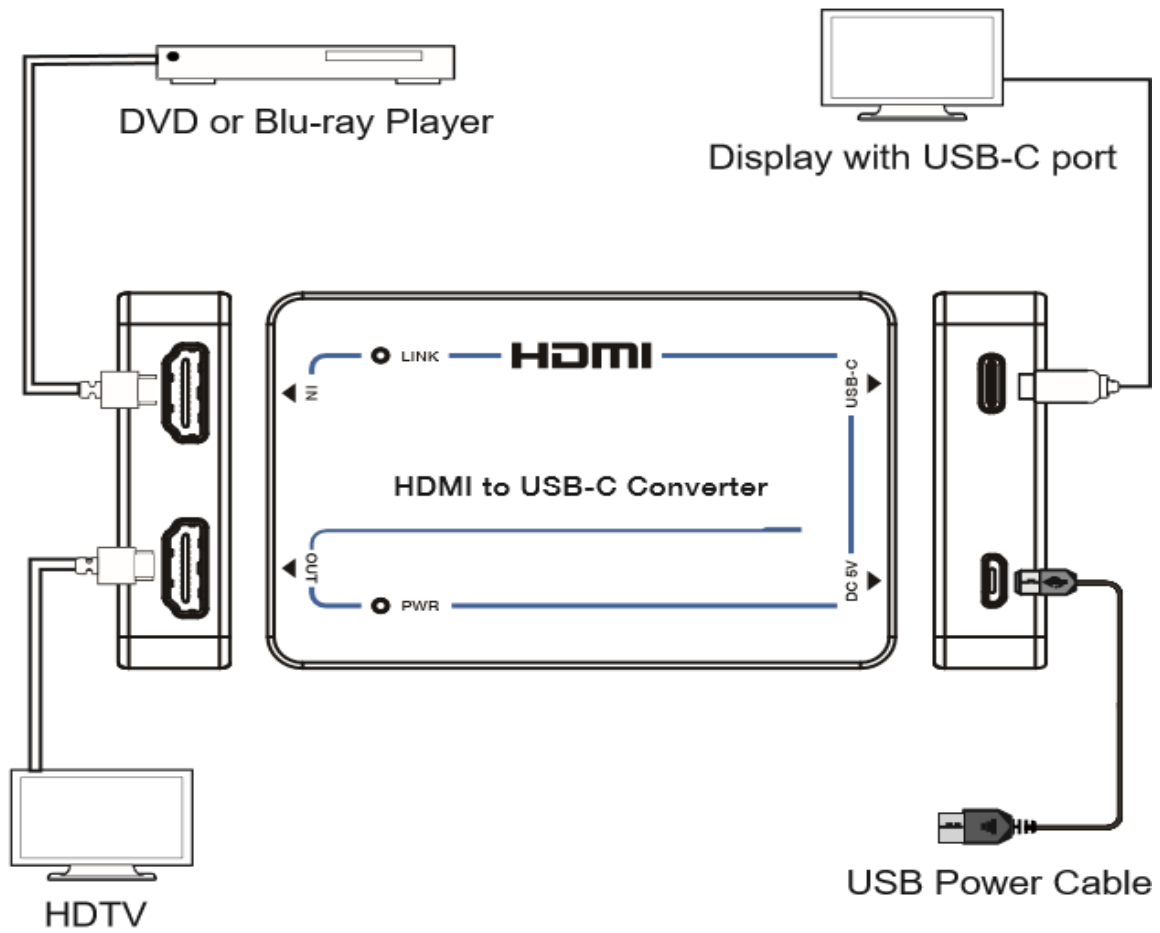
| | |
|-----------------------|---|
| HDMI Compliance | HDMI 2.0b |
| HDCP Compliance | HDCP 2.2 |
| Video Bandwidth | 594MHz/18Gbps |
| Video Resolution | HDMI input: Up to 4K@60Hz 4:4:4 HDMI Loop out: 480i ~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz USB-C output: 480p60Hz, 576p50Hz~1080p50/60Hz, 4Kx2K@24/30Hz, 4K2K@60Hz |
| Color Depth | 8/10/12-bit |
| Color Space | RGB, YCbCr 4:4:4 / 4:2:2, YUV 4:2:0 |
| Audio Format | Up to 7.1CH audio pass-through, supporting PCM, Dolby TrueHD, dts-HD Master Audio |
| Connection | |
| Input | 1×HDMI IN [Type A, 19-pin female] |
| Outputs | 1×HDMI OUT [Type A, 19-pin female] 1×USB-C [24-pin female] |
| Mechanical | |
| Housing | Plastic Enclosure |
| Color | Black |
| Dimensions | 90mm[W] × 60mm[D] × 16mm[H] |
| Weight | 49g |
| Power Supply | USB 5V / 1A |
| Power Consumption | 3.2W (Max) |
| Operation Temperature | 32 - 104°F / 0 - 40°C |
| Storage Temperature | -4 - 140°F / -20 - 60°C |
| Relative Humidity | 20 - 90% RH (no condensation) |

Operation Controls and Functions



| No. | Name | Function Description |
|-----|------------------|---|
| 1 | HDMI IN | HDMI signal input port, connect to a source device via the HDMI cable. |
| 2 | HDMI OUT | HDMI signal loop out port, connect to a display device such as TV via the HDMI cable. |
| 3 | LINK LED (Green) | The link LED lights in green when the HDMI LOOP OUT port or USB-C port outputs signals to the connected display device. |
| | PWR LED (Green) | The power LED lights in green when |
| 4 | | the device is powered on. |
| 5 | USB-C OUT | USB-C signal output port, connect to a display device with USB-C port. |
| 6 | DC 5V | DC 5V/1A power input port. |

Application Example



HDMI™
HIGH DEFINITION MULTIMEDIA INTERFACE