



This 3x1 Multi-Format to HDMI Switch is a 4K@60Hz (4:4:4) switch featuring USB Type-C and HDMI inputs which are automatically converted to a standard HDMI format for use with projectors or displays. This unit provides easy switching functionality with both a manual input selection button and an optional autosensing “last memory” feature which can automatically switch to a newly connected source or revert to the previous source, if the current one becomes disconnected, with no user intervention necessary.

The interface supports full, uncompressed 4K60 4:4:4 inputs and output with HDR10+ and Dolby Vision, as well as pass-through audio formats. This common-interface switch provides high-quality video signal transmission for use in presentation systems, huddle rooms, digital signage, educational AV deployments, and home entertainment installations. The compact, lightweight form factor supports portable use and rapid deployment.

PANELS

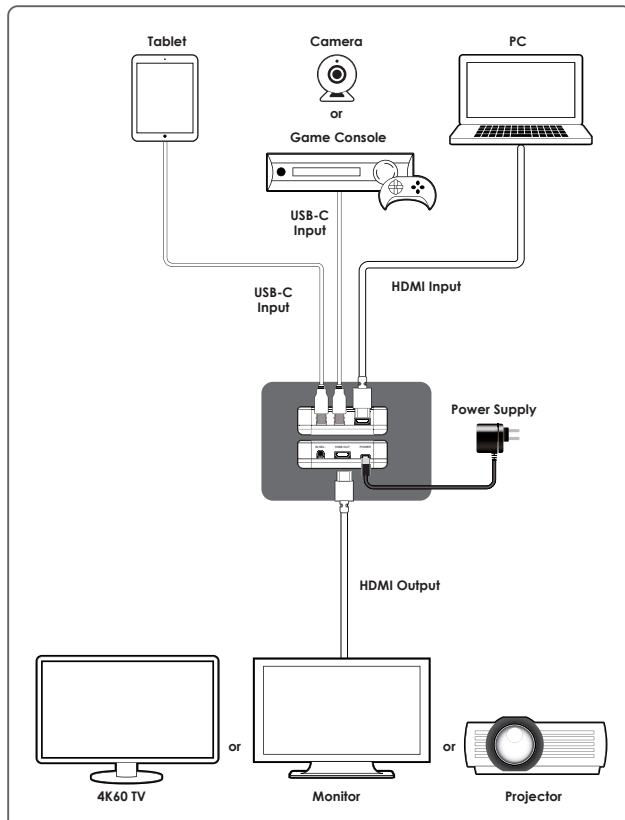


Front View



Rear View

DIAGRAM



FEATURES

- 2 USB Type-C inputs, 1 HDMI input, and 1 HDMI output
- Input and output resolution up to 4K60 4:4:4 uncompressed video with HDR10+ , HLG, and Dolby Vision at 18 Gpbs
- Controllable via a single rear panel button with LEDs
- Supports auto-switch functionality with a “last memory” feature
- EDID bypass with an optimized algorithm to ensure the optimal resolution and feature support
- Support Deep Color input and output up to 12-bit
- Support pass-through of audio formats including LPCM (up to 8 channels), Bitstream and HD Bitstream.
- Compatible advanced audio formats such as Dolby Digital 5.1 (AC-3), DTS 5.1, DD+, D-TrueHD, DTS-HD High Resolution, DTS-HD Master Audio, Dolby Atmos, and DTS X
- Compact and portable switch box design
- HDCP 1.x and 2.2 compliant

SPECIFICATIONS

Interfaces

Input Ports	2×USB (Type-C) 1×HDMI (Type-A)
Output Port	1×HDMI (Type-A)
Service/Power Port	1×USB (Type-C)

Video

HDMI Compliance	HDMI 2.0 (DP 1.4) (DVI 1.0)
HDCP Compliance	2.2
Deep Color	8 bit, 10 bit, 12 bit
Input Signal Types	HDMI 4K@60 8-bit YUV 4:4:4 USB-C 4K@60 8-bit YUV 4:4:4
Output Signal Types	HDMI 4K@60 8-bit YUV 4:4:4

Resolutions

Maximum Input	HDMI 4096×2160p@60 YUV 4:4:4 USB-C 4096×2160p@60 YUV 4:4:4
Maximum Output	HDMI 4096×2160p@60 YUV 4:4:4

Audio

Input	LPCM (8 Channels), Bitstream, HD Bitstream
Output	LPCM (8 Channels), Bitstream, HD Bitstream

Power

Power Supply	5V/ 0.66 A
Power Consumption	4.6W

Enclosure

Chassis Material	Plastic
Chassis Color	White
Dimensions (W×H×D)	85mm×26mm×85mm [Case Only] 85mm×26mm×87mm [All Inclusive]
Weight	87g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
CPLUS-31USBC	4K60 Multi-Format to HDMI Switcher