



This 4K@60 4 by 2 Matrix is a high performance HDMI/USB-C matrix switcher with integrated scaling, multi-window mode, and USB with mouse control interface. With the seamless switch feature, it is an ideal solution for monitoring or displaying multiple sources simultaneously for control rooms, conference rooms or classrooms. Any of 4 different sources including HDMI and USB-C may be displayed individually, full screen, or multi-window mode including quad mode, PiP, and PoP with the output being sent to 2 HDMI outputs. Management of input/window routing, position and sizing can be controlled easily by use with a USB mouse. Video resolution is up to 4K@60Hz and LPCM audio 2 channel at 48kHz are supported on both input and output ports. This unit is fully compatible with the HDCP 1.x and 2.2 standards.

PANELS



FEATURES

- 2 HDMI inputs, 2 USB(Type-C) inputs and 2 HDMI outputs up to 4K@60 4:4:4
- Controllable via front panel buttons, Telnet, RS-232, and OSD via USB mouse
- 2 USB Type-C Inputs support USB3.1 Gen1 to Ethernet and DP video.
- Two USB Type-C ports respectively provide 45W and 30W of power to each connected device
- Supports PiP (Picture-in-Picture), PoP, quad mode display options with independent audio source selection or auto audio switch by following USB control function.
- Seamless switching (no loss of sync to display) when switching sources in both matrix and multi-view modes.
- Supports easy adjustment of window size, position and settings in the PiP windowing mode via mouse.
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- Selected window will have a border to highlight the window that is being operated.
- DVI 1.0 compatible with the use of an HDMI-DVI adaptor
- HDCP 1.x and 2.2 compliant

SPECIFICATIONS

Interfaces

Input Port	2 HDMI(Type-A) 2 USB(Type-C)
Output Port	2 HDMI(Type-A) 2 Stereo Audio (3.5mm)
Control I/O	1 RS-232 (3-pin Terminal Block)
Pass-through Port	2 USB(Type-B) 2 USB (Type-A) 2 USB(Type-A) 1 LAN (RJ-45)
Service Port	1 USB (Type-A) *Combined with USB of Keyboard

USB

Input Port

Type	Type-C
Generation	USB3.2 Gen1
Transfer Rate	5Gbps

Pass-through Port

Type	Type-A
Generation	2 USB3.2 Gen1 2 USB2.0
Transfer Rate	5Gbps (USB3.2 Gen1) 480Mbps (USB2.0)

Type

2 USB3.2 Gen1

Transfer Rate

5Gbps

Video

HDMI Compliance 2.0 (DVI 1.0)

HDCP Compliance 2.2

Input Signal Types 4K@60 8bit YUV/RGB 4:4:4

Output Signal Types 4K@60 8bit YUV/RGB 4:4:4

Resolutions

Maximum Input	HDMI	4096×2160p@60 2560×1600p@60RB
Maximum Output	HDMI	4096×2160p@60

Audio

HDMI LPCM (2 channel, 48kHz)
Dolby Digital pass-through
DTS 5.1 channel pass-through

Power

Power Supply 24V/7.5A

Power Consumption 140W

Enclosure

Chassis Material Metal (Steel)

Chassis Color Black

Dimensions (W×H×D) 213.5mm×44mm×158mm [Case Only]
231.5mm×49mm×163mm [All Inclusive]

Weight 1270g

Field Firmware Update

USB Flash Drive

ORDERING INFORMATION

Model No.	Product Description
CPLUS-V4H2HUSB	4K@60 4x2 Seamless Matrix with USB Docking

DIAGRAM

