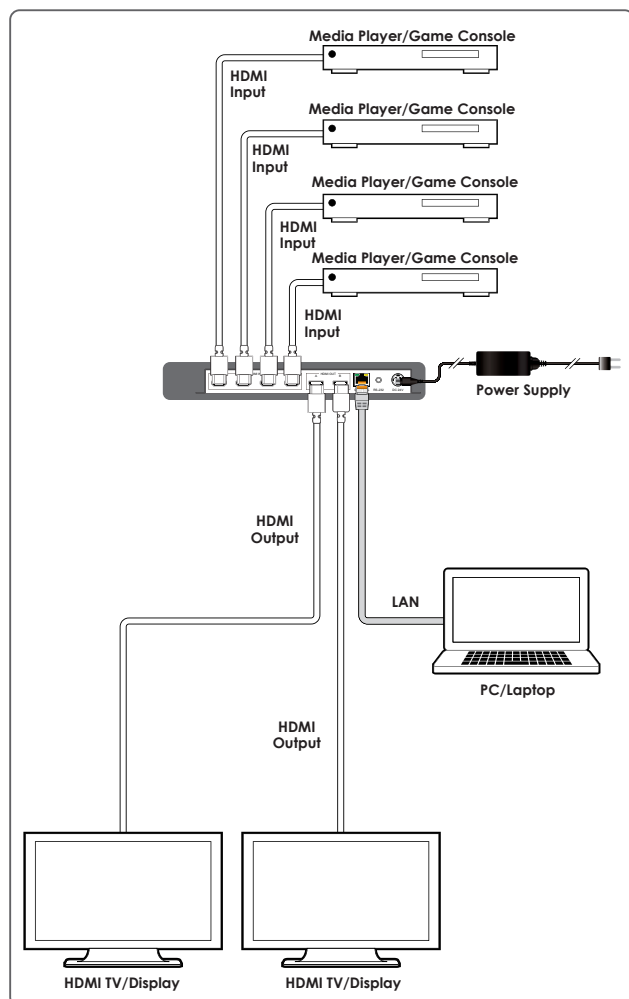# ▶ CPLUS-V4H2HPIP

UHD[+] 4 x 2 HDMI Matrix with PiP

This 4 by 2 Matrix is a high performance HDMI switch with integrated scaling and multi-windowing technology. It is an ideal solution for monitoring or displaying multiple sources simultaneously for use in control rooms, conference rooms or classrooms. Video resolutions up to 4K@60Hz and LPCM audio up to 7.1 channels and 192kHz are supported on both input and output and this unit is fully compatible with the HDCP 1.x and 2.2 standards.

Any of 4 different HDMI sources may be displayed individually, full screen, or they can be displayed using a variety of multi-window modes including quad mode and PiP , PoP with the output being sent to 2 HDMI outputs. Management of input/window routing, position and sizing can be controlled easily by use of the front panel controls as well as by WebGUI, RS-232, Telnet, options.

PANELS

Front View

Rear View

DIAGRAM

Media Player/Game Console
HDMI Input
Media Player/Game Console
HDMI Input
Media Player/Game Console
HDMI Input
Media Player/Game Console
HDMI Input

Power Supply

HDMI Output

LAN

PC/Laptop

HDMI Output

HDMI TV/Display

HDMI TV/Display

FEATURES

- HDMI inputs and outputs with 18Gbps (600MHz) 4K UHD support
- Seamless switching (no loss of sync to display) when switching sources in 4x2 matrix mode.
- Supports PiP (Picture-in-Picture), PoP, quad mode display options with independent audio source selection
- Supports the ability to store a multi-window arrangement as a preset that can be recalled later
- Each window can have a border with a selectable color
- EDID management
- Uploadable and freely positioned graphic logo support
- Supports easy adjustment of window size, position and settings in the PiP windowing mode via the WebGUI
- Controllable via front panel buttons, WebGUI, Telnet, RS-232

SPECIFICATIONS

Interfaces

Input Port	4 HDMI(Type-A)
Output Port	2 HDMI(Type-A)
Control I/O	1 RS-232 (3.5mm) 1 Control (RJ-45)
Service Port	1 USB (Type-A)

Video

HDMI Compliance	2.0 (DVI 1.0)	
HDCP Compliance	2.2	
Input Signal Types	4K@60 8bit YUV 4:4:4	
Output Signal Types	4K@60 8bit YUV 4:4:4	
		Resolutions
Maximum Input	HDMI	4096×2160p@60 2560×1600p@60RB
Maximum Output	HDMI	4096×2160p@60 2560×1600p@60RB

Audio

HDMI	Input 1,2 : LPCM (8 Channels, 192kHz), Bitstream, High Bit Rate Bitstream Input 3,4 : LPCM (2 Channels, 48KHz)

Power

Power Supply	24V/2.7A (Locking)
Power Consumption	15.29W

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	213.5mm×25mm×158mm [Case Only] 231.5mm×25mm×161mm [All Inclusive]
Weight	968g

Field Firmware Update

USB Flash Drive, WebGUI

ORDERING INFORMATION

Model No.	Product Description
CPLUS-V4H2HPIP	UHD[+] 4 x 2 HDMI Matrix with PiP

Wide Temperature Series (operating at -20 ~ 70°C)

Model No.	Product Description
CPLUS-V4H2HPIP-E	UHD[+] 4 x 2 HDMI Matrix with PiP