



This 4 by 2 Multiviewer 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 at 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 view and PiP with the output being sent to 2 mirrored HDMI outputs (4K@50/60Hz output supports quad view and full screen only). 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, and IR remote control options.

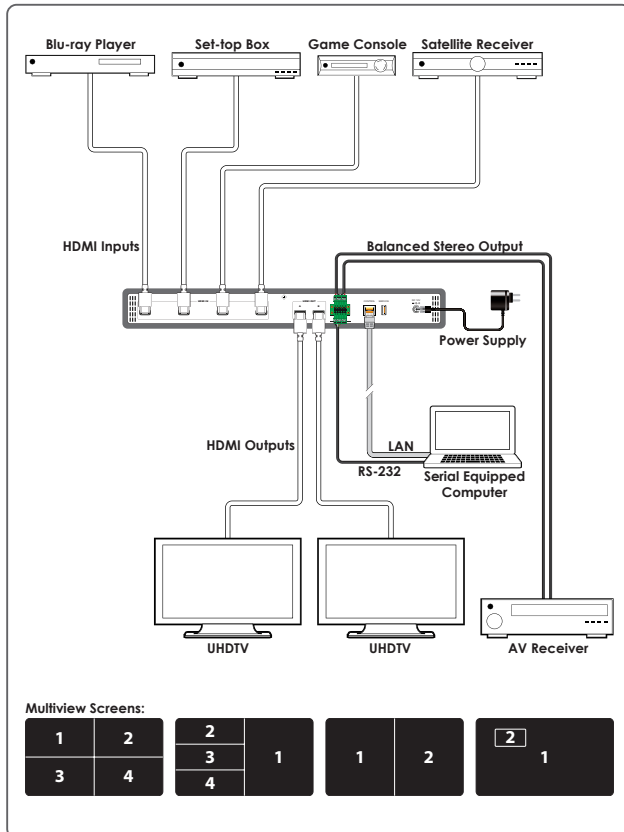
### PANELS



Front View

Rear View

### DIAGRAM



### FEATURES

- 4 HDMI inputs and 2 mirrored HDMI outputs
- Seamless switching (no loss of sync to display) when switching sources in both full screen and multi-window modes
- Supports PiP (Picture-in-Picture), side by side, 3+1 quad view, and 2x2 quad view display options with independent audio source selection  
Note: 4K@50/60Hz output supports 2x2 Quad View only and is limited to 1080p/4K sources.
- 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
- Uploadable and freely positioned graphic logo support  
Note: The logo and border features are not available when the output is set to 4K@50/60Hz.
- Supports easy adjustment of window size, position and settings in the PiP windowing mode via the WebGUI
- Matrix mode supports input and output resolutions up to 1080p@60Hz with a single shared audio source (Outputs are mirrored at higher resolutions)
- Controllable via front panel buttons, WebGUI, Telnet, RS-232, and IR remote

### SPECIFICATIONS

#### Interfaces

<b>Input Port</b>	4 HDMI
<b>Output Port</b>	2 HDMI 1 Analog Balanced (Terminal Block)
<b>Control I/O</b>	1 LAN (RJ-45) 1 RS-232 (Terminal Block) 1 USB (Type A)

#### Video

<b>HDMI Compliance</b>	HDMI 2.0 (DVI 1.0)
<b>HDCP Compliance</b>	2.x
<b>Input Signal Type</b>	4096x2160p@60 8bit RGB
<b>Output Signal Type</b>	3840x2160p@60 8bit RGB

#### Resolutions

<b>Maximum Input</b>	HDMI	4096x2160p@60 RGB
<b>Maximum Output</b>	HDMI	3840x2160p@60 RGB

#### Audio

<b>HDMI</b>	LPCM (8 Channels), Bitstream, High Bit Rate Bitstream
<b>Balanced Out</b>	4 Vrms S/N Ratio: > 80dB (1kHz with 0dBFS)

#### Power

<b>Power Supply</b>	12V/3A
<b>Power Consumption</b>	27.5W

#### Enclosure

<b>Chassis Material</b>	Metal (Aluminum)
<b>Chassis Color</b>	Black
<b>Dimensions (W×H×D)</b>	438mm×44mm×268mm [Case Only] 438mm×49mm×276mm [All Inclusive]
<b>Weight</b>	3,400g

#### Field Firmware Update

PC Update, WebGUI

### ORDERING INFORMATION

<b>Model No.</b>	Product Description
<b>CDPS-U42HPIP</b>	UHD+ 4x2 HDMI Multiviewer