



## 4x1 HDMI 2.0 4K60 Multiviewer with Seamless Switching

This 4K60 4x1 Multiview Seamless UHD Video Switcher was developed for the purpose of supporting higher output resolution (4K@60) for multiple sources on a single screen. It can combine up to four video signals onto a single UHD or HD display. The user can easily manage each input via the supplied Control Software and create any layout and position of any of the four inputs on a single monitor. This device supports the full range of input video resolutions up to 4K@60 (RB) and audio RCA /Optical de-embedding supported for external audio distribution systems.

This device can be controlled via front panel buttons, IR remote, and RS-232 commands.

### Featured Highlights

- HDMI 2.0b, HDCP 2.2, and HDCP 1. x compliant
- Supports 18Gbps video bandwidth
- Input and output resolutions support up to 4K@60Hz
- Supports LPCM, AC3, DD+, DTS, DTS-HD, up to 7.1 audio channel
- Seamless switching between input channels and combined multiple images on a single UHD monitor
- Up to 8 display modes: SINGLE, PIP, PBP (1), PBP (2), Triple (1), Triple (2), Quad (1), Quad (2)
- Seamless switching on single screen display mode
- Fast switching on Multiview display mode
- Audio de-embedding via analog and optical fiber audio ports
- Supports volume control and independent audio selection
- Supports OSD navigation for advanced setting
- EDID management
- Control via front panel buttons, IR remote, RS-232 commands
- Compact design for easy and flexible installation

**SPECIFICATIONS**

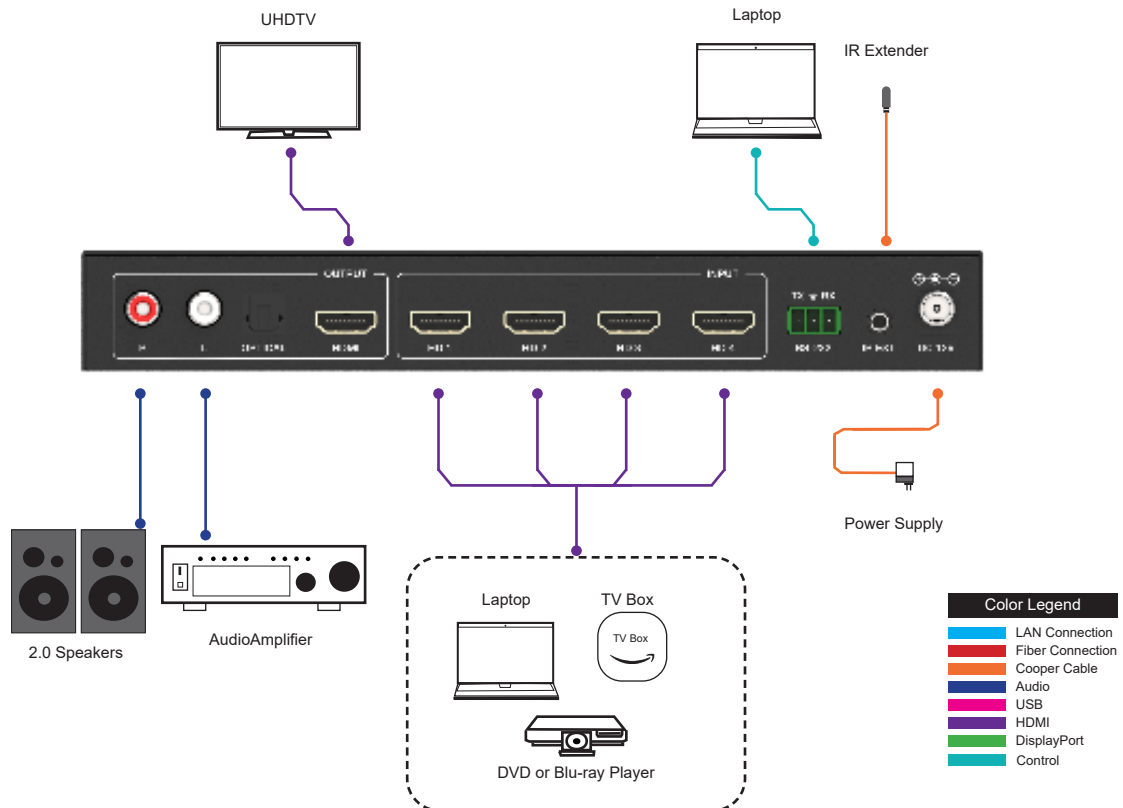
<b>HDMI Compliance</b>	HDMI 2.0b
<b>HDCP Compliance</b>	HDCP 2.2 / 1.x
<b>Video Bandwidth</b>	18Gbps
<b>Video Resolution</b>	Up to 4K@60Hz
<b>IR Level</b>	5Vp-p
<b>IR Frequency</b>	38KHz
<b>Color Space</b>	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
<b>Color Depth</b>	8bit
<b>Audio Formats</b>	<b>HDMI:</b> PCM2.0/5.1/7.1CH, Dolby Digital/Plus, DTS, DTS High-Res <b>Analog audio [3.5mm L/R]:</b> PCM2.0; <b>SPDIF (OPTICAL):</b> Dolby Digital, DTS 5.1, PCM2.0. <b>Note:</b> It does not support HBR audio.
<b>ESD Protection</b>	Human body model — ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

**MECHANICAL**

<b>Housing</b>	Metal Enclosure
<b>Silkscreen Color</b>	Black
<b>Dimensions</b>	220mm [W] x 100mm [D] x 30mm [H]
<b>Weight</b>	620g
<b>Power Supply</b>	Input: AC 100 - 240V 50/60Hz Output: DC 12V/2.5A (US/EU standard, CE/FCC/UL certified)
<b>Power Consumption</b>	10W (Max)
<b>Operation Temperature</b>	32 - 104°F / 0 - 40°C
<b>Storage Temperature</b>	-4 - 140°F / -20 - 60°C
<b>Relative Humidity</b>	20 - 90% RH (Non-Condensation)

**CONNECTIONS**

<b>Input Ports</b>	4 x HDMI IN [Type A, 19-pin female]
<b>Output Ports</b>	1 x HDMI OUT [Type A, 19-pin female] 1 x L/R OUTPUT [RCA] 1 x OPTICAL OUTPUT [S/PDIF]
<b>Control Ports:</b>	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini-jack]

**Classic Application Example**

**Applications**

Digital Signage, Conference Rooms, Operating Rooms and Audio-Video Rooms