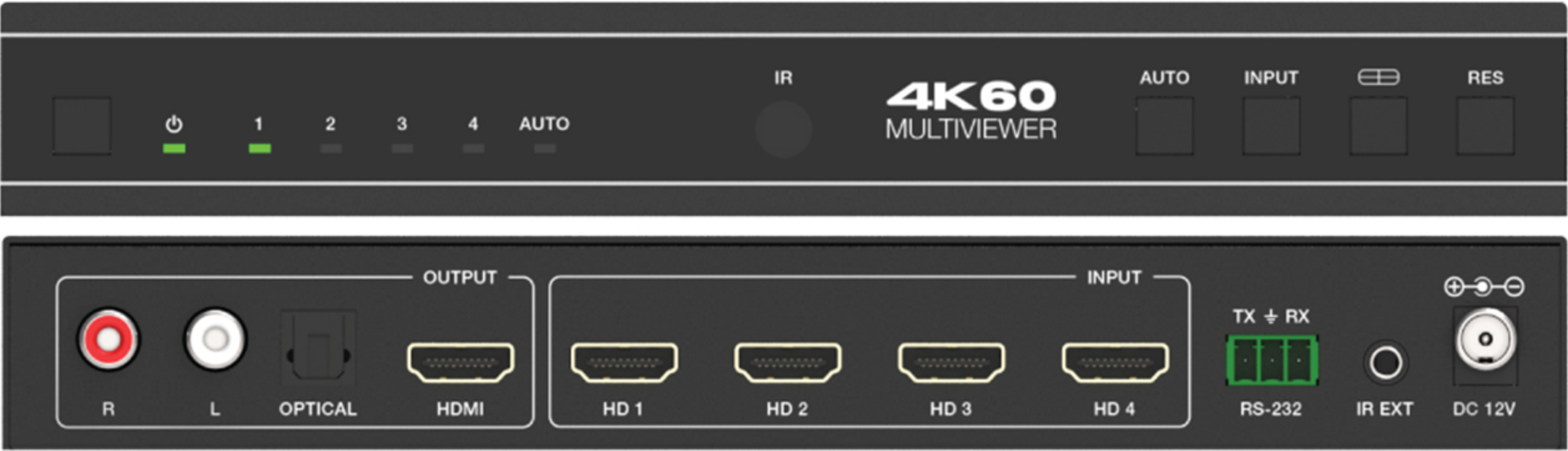


4 X 1 Multi-Viewer seamless switcher

HDMI 4x1 Quad Multi-View Seamless Switcher 4K@60

MPN: VW-MVIEW4X1



Key Benefits of Using an 4x1 Multiviewer Seamless UHD Video Switcher:

**Multiviewer Capability:** Allows up to four different video inputs to be displayed on a single screen simultaneously. This is ideal for monitoring, live production, or surveillance, where users need to view multiple feeds at once.

**Professional-Grade Performance:** The ability to switch smoothly between inputs is essential for professional video production, ensuring a polished and error-free experience.

**Real-Time Performance:** Designed with low latency, making it ideal for situations where real-time monitoring is crucial, such as live sports broadcasting, surveillance, or command centers. Video feeds are displayed without noticeable delays, ensuring accuracy in live viewing scenarios.

**Compact Design:** 4x1 multiviewer switchers have a compact, rack-mountable design, saving space in control rooms, production studios, or AV setups.

**Cost-Effective:** By consolidating multiple video sources onto a single screen, the switcher eliminates the need for multiple displays, reducing both hardware costs and space requirements.

FEATURES

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

SPECIFICATIONS

TECHNICAL	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 / 1.x
Video Bandwidth	18Gbps
Video Resolution	Up to 4K@60Hz
IR Level	5Vp-p
IR Frequency	38KHz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Depth	8bit
Audio Formats	HDMI: PCM2.0/5.1/7.1CH, Dolby Digital/Plus, DTS, DTS High Res Analog audio [3.5mm L/R]; PCM2.0 SPDIF (OPTICAL): Dolby Digital, DTS 5.1, PCM2.0 Note: It does not support HBR audio.
ESD Protection	Human body model – ±8kV (Air-gap discharge) & ±4kV (Contact discharge)
Connection	
Input ports	4 x HDMI IN [Type A, 19-pin female]
Output ports	1 x HDMI OUT [Type A, 19-pin female] 1 x L/R OUTPUT [RCA] 1 x OPTICAL OUTPUT [S/PDIF]
Control ports	1 x RS-232 [3pin-3.81mm phoenix connector] 1 x IR EXT [3.5mm Stereo Mini jack]
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	220mm [W] x 100mm [D] x 30mm [H]
Weight	620g
Power Supply	Input: AC 100 – 240V 50/60Hz Output: DC 12V/2.5A (US/EU standard, CE/FCC/UL certified)
Power Consumption	10W (Max)
Operating Temperature	32 – 104°F / 0 – 40°C
Storage Temperature	-4 – 140°F / -20 – 60°C
Relative Humidity	20 – 90% RH (no-condensing)



APPLICATION DIAGRAM

