Front side

Back side

4x4 HDMI 2.0 Matrix with Seamless switching & videowall 18Gbps

This seamless 18Gbps 4x4 UHD Matrix can connect four (4) HDMI sources to four (4) HDMI displays. It supports video resolutions up to 4k @60Hz (4:4:4) and supports IR matrix, with IR matrix routing following the video routing, and audio extract and insert are supported as well. It offers CEC management and strong video wall processing.

Featured Highlights

- HDMI 2.0b, HDCP 2.2 compliant
- Up to 4K / 2K @60Hz with 24bit RGB / YCbCr (4:4:4)
- Seamless switching and video wall
- Supports Bezel Compensation
- Built-in video scaling up/down
- Independent audio matrix and IR matrix
- Advanced EDID management
- Source and Display control via CEC
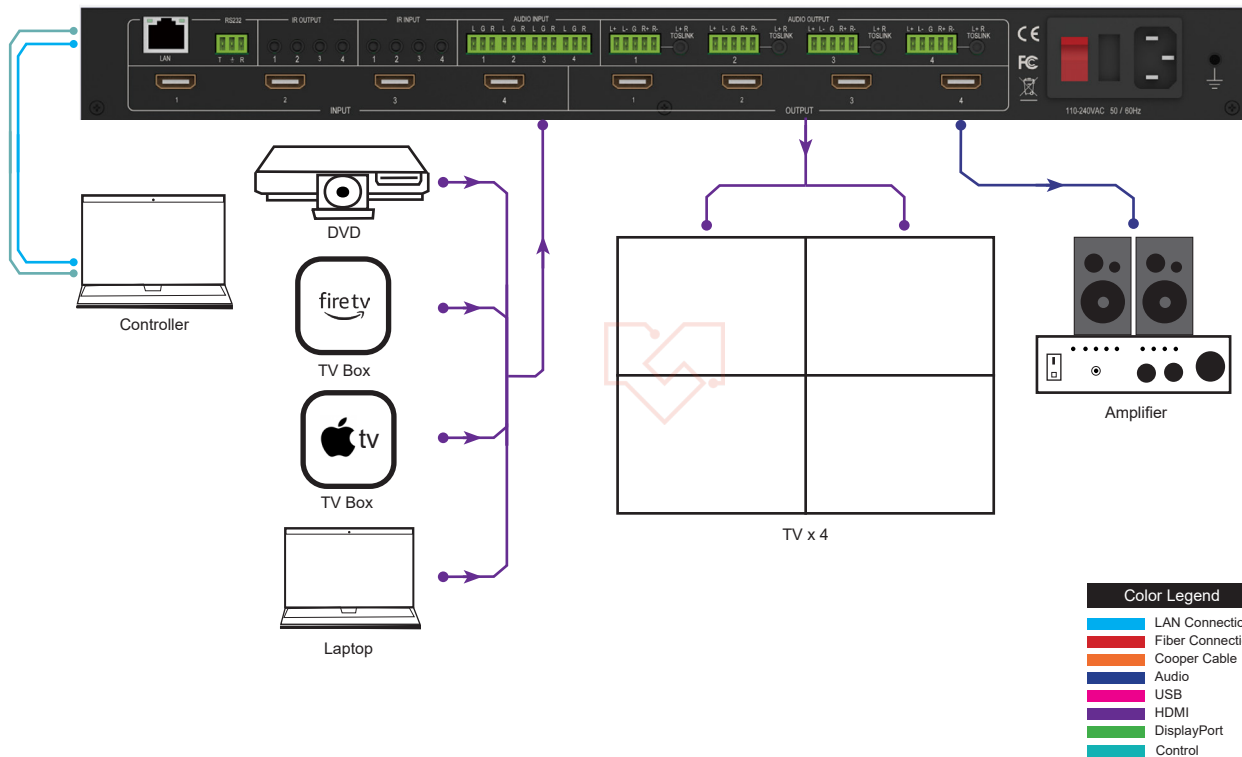- Front panel button, IR, RS-232, TCP/IP and Web GUI control

SPECIFICATIONS

HDMI Compliance	HDMI 2.0
HDCP Compliance	HDCP 2.2
Video Bandwidth	18Gbps
Video Resolution	Up to 4K60 4:4:4
Color Space	RGB, YCbCr 4:4:4/4:2:2
HDMI Amplitude	T.M.D.S +/- 0.4Vpp
Differential Impedance	100±15ohm
ESD Protection	Human-body Model: ±8kV (Air-gap discharge) , ±4kV (Contact discharge)

CONNECTIONS

Baud rate and Protocol	Baud rate: 9600, data bit: 8 Stop bit: 1, no parity checking
Ethernet	IE10.0+,HTML5

MECHANICAL

Housing	Metal Enclosure
Color	Black
Dimensions	430mm (W)×220mm (D)×44mm (H)
Weight	5Kg
Power Supply	AC 110 - 240V
Power Consumption	60W (Max)
Operating Temperature	0°C ~ 40°C / 32°F ~ 104°F
Storage Temperature	-20°C ~ 70°C / -4°F ~ 158°F
Relative Humidity	10%~50% RH (Non-Condensation)

APPLICATION EXAMPLE

Controller

DVD

fire tv
TV Box

tv
TV Box

Laptop

TV x 4

Amplifier

Color Legend

- LAN Connection
- Fiber Connection
- Cooper Cable
- Audio
- USB
- HDMI
- DisplayPort
- Control

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