

HDMI switcher

TRI- AVC-H44AS4K-6004

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Product overview :

TRI- AVC-H44AS4K-6004 is a perfect solution for video transmission from 4 HDMI sources to 4 HDTV displays. It has video wall and multi-viewer functions with multiple display modes. 4x4 IR matrix, audio embedded and de-embedded are also supported. Video resolution is up to 4K@60Hz 4:4:4. Each of the sources can be individually scaled. And seamless switching ensures a smooth picture transition without frame loss. This matrix can be controlled via front panel buttons, LCD screen, IR remote, RS-232, and Web GUI.

Features:

- HDMI 2.0 and HDCP 2.2 compliant
- Video resolution is up to 4K@60Hz 4:4:4
- Support 18Gbps video bandwidth
- Support 12 display categories in multi-viewer mode, and 9 splicing modes in video wall mode
- HDMI audio format: LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
- Support CEC control, and multiple video resolution output
- Advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI



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Technical specifications

Parameter	Value
Interface	Input : 4 x HDMI INPUT [Type A, 19-pin female], 4 x L/R AUDIO INPUT [3.81mm, 3pin Phoenix Connector] Output 4 x HDMI OUTPUT [Type A, 19-pin female], 4 x OPTICAL AUDIO OUT [S/PDIF], 4 x L/R AUDIO OUT [3.81 mm, 5pin Phoenix Connector] Control: 1 x TCPAP [Rj45], 1 x RS-232 [D-Sub 9], 1 x IR EXT [3.5mm, Stereo Mini-jack] 4 x IR INPUT [3.5mm, Stereo Mini-jack], 4 x IR OUTPUT [3.5mm, Stereo Mini-jack]
HDMI version	HDMI 2.0, HDCP2.2
Video bandwidth	594MHz / 18Gbps
Video resolution	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Space	RGB, YCbCr 4:4:4 / 4:2:2. YUV 4:2:0
RS-232 control	Baud rate : 9600, data bit : 8, stop bit: 1,no parity checking
Color Depth	8-bit,10-bit,12-bit
Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio
IR Level	12Vp-p
IR Frequency	Wideband 20K-60KHz
Housing	Metal Enclosure
Color	Black
Dimensions	440mm [W] x 203mm [D] x 44.5mm [HJ]
Weight	2.55kg
Power Supply	Input: AC 100-240V 50/60Hz, Output: DC 12V/2.5A(US/EU standard, CE/FCC/UL certified)
Power Consumption	25W (Max)
Operating temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Permissible humidity	20 - 90% RH (no-condensing)

For the most current specification information, please visit tri-star.co.in