

8 x 8 Switcher

TRI-ACV-H88XC8K-6822

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

Features:

- HDCP 2.3 compliant
- 8 × HDMI inputs can be independently routed to 8 × HDMI outputs
- Video resolution is up to 8K60Hz 4:2:0, 8K30Hz 4:4:4 and 4K120Hz 4:4:4, as specified in HDMI 2.1
- Supports 48Gbps video bandwidth
- HDR, HDR10, HDR10+, Dolby Vision pass-through
- Supports resolution downscaling and HDR conversion for each output port
- VRR, ALLM, QMS, QFT, SBTM are supported
- Supports optical audio and balanced analog audio output
- Advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI



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Technical specifications

Parameter	Value
Technical	
HDMI Compliance	HDMI 2.1
HDCP Compliance	HDCP 2.3
Video Bandwidth	48Gbps
Video Resolution	Up to 8K60Hz 4:2:0, 8K30Hz 4:4:4 and 4K120Hz 4:4:4
Color Space	RGB_4:4:4, YCbCr_4:4:4, YCbCr_4:2:2, YCbCr_4:2:0
Color Depth	8/10/12-bit
HDR Formats	HDR, HDR10, HDR10+, Dolby Vision, HLG
Audio Formats	HDMI IN/OUT: LPCM, Dolby DigitalPlus/EX, Dolby True HD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD AUDIO BREAKOUT: Optical Outputs: LPCM 2.0CH / Dolby / DTS 5.1CH Balanced Analog Audio Outputs: LPCM 2CH
Connection	
Input Ports	8 × HDMI INPUT (Type A, 19-pin female)
Output Ports	8 × HDMI OUTPUT (Type A, 19-pin female) 8 × OPTICAL AUDIO OUT (S/PDIF) 8 × AUDIO OUT (5pin-3.81mm phoenix connector)
Control Ports	1 × TCP/IP (RJ45) 1 × RS-232 (D-Sub 9) 1 × IR EXT (3.5mm stereo mini-jack)
Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	440mm (W) × 203mm (D) × 44.5mm (H)
Weight	2.94kg
Power Supply	Input: AC 100–240V 50/60Hz, Output: DC 24V/3.75A (US/EU standard, CE/FCC/UL certified)
Power Consumption	70W (Max)
Operating Temperature	32–104°F / 0–40°C
Storage Temperature	-4–140°F / -20–60°C
Operating Humidity	20–80% relative humidity, non-condensing
Storage Humidity	10–90% relative humidity, non-condensing

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