



UHD seamless HDMI switcher

TRI-AVC-H88AS4K-6005



Product Overview

TRI-AVC-H88AS4K-6005 is a perfect solution for video transmission from 8 HDMI sources to 8 HDTV displays. Video resolution is up to 4K@60Hz 4:4:4. Each output supports resolution downscaling individually. It features video wall function and built-in WEB server. It also has 8 routes L/R audio output channels to output balanced audio. And seamless switching ensures a smooth picture transition without frame loss.

This matrix can be controlled via front panel buttons, IR remote, RS-232 and Web GUI.



4K60
Resolution



Dolby
Digital



CEC Control

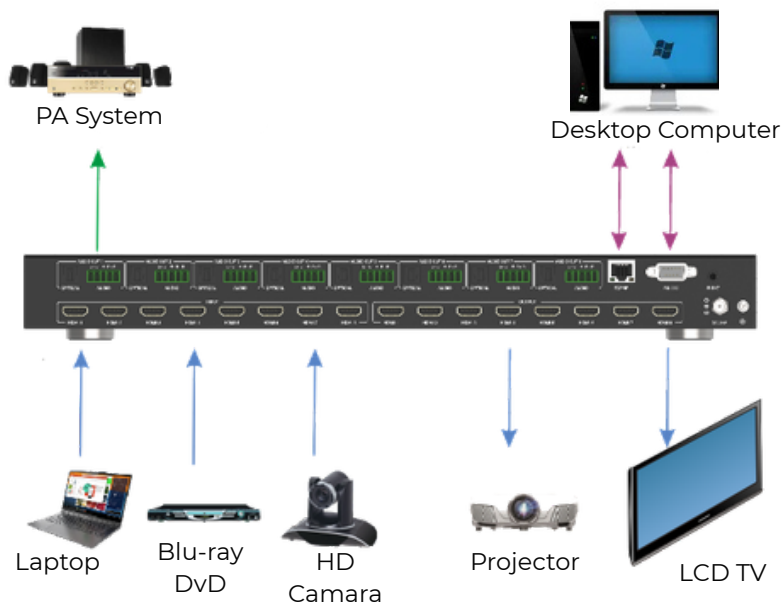


Scale

Key Features

- HDMI 2.0 and HDCP 2.2 compliant
- Video resolution is up to 4K@60Hz 4:4:4
- Support 18Gbps video bandwidth
- Support seamless switching
- Support 8 route L/R balanced audio output
- Each output supports image rotation (0°/180°), horizontal mirror and vertical mirror
- Blank screen, blue screen and LOS are optional when no signal outputs
- 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
- Support power-off memory and advanced EDID management
- Control via front panel buttons, IR remote, RS-232, and Web GUI

Connection Diagram



Product specification

Interface

Input:

8 × HDMI INPUT (Type A, 19-pin female)

Output:

8 × HDMI OUTPUT (Type A, 19-pin female)

8 × OPTICAL AUDIO OUT (S/PDIF)

8 × L/R AUDIO OUT (3.5mm, 5pin Phoenix Connector)

Control:

1 × TCP/IP (RJ45)

1 × RS-232 (D-Sub 9)

1 × IR EXT (3.5 mm, Stereo Mini-jack)

HDMI version

HDMI 2.0, HDCP 2.2

Video bandwidth

594 MHz / 18 Gbps

Video resolution

Up to 4K @ 60 Hz 4:4:4

Color Space

RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0

Color Depth

8 / 10 / 12-bit

Audio Formats

LPCM, Dolby Digital/Plus/EX, Dolby TrueHD, Dolby Atmos, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD

AUDIO Extracted

Optical Outputs: LPCM 2.0CH / Dolby / DTS 5.1CH
Balanced Analog Audio Outputs: LPCM 2CH

IR Level

5Vp-p

IR Frequency

Wideband 20K-60KHz

ESD Protection

IEC 61000-4-2: ±8kV (Air-gap discharge) & ±4kV (Contact discharge)

Housing

Metal Enclosure

Color

Black

Dimensions

440mm (W) × 300mm (D) × 44.5mm (H)

Product specification

Weight

3.95 kg

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

Permissible humidity

20-90% RH (non-condensing)