



UHD HDMI switcher

TRI-AVC-H4IS4K-6006



Product Overview

TRI-AVC-H4IS4K-6006 is a high-performance HDMI 4x1 switcher that supports HDTV formats up to 4Kx2K@60Hz and all HDMI 3D TV formats. It can extract HDMI stream audio to separate digital and analog audio outputs. This product supports HDCP repeater/CEC/ARC functions. Select any of the inputs by the front panel button or IR remote; the corresponding indicator LED on the front panel will be illuminated.

The TRI-AVC-H4IS4K-6006 matrix can be widely used in radio and television projects, multimedia conference halls, large-screen display projects, television teaching, command and control centers, and other occasions.

4K

4Kx2K@60Hz



Dolby
True HD



7.1 Audio
Channel

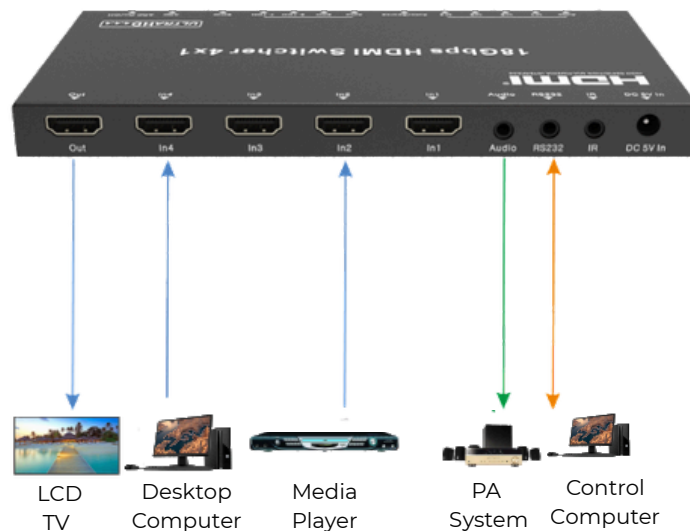
ARC

ARC
Channel

Key Features

- Support 4 HDMI 2.0 signal inputs, 1 HDMI 2.0 signal output
- Compliant with HDMI 2.0a and DVI 1.0 standards.
- HDCP 2.2 and HDCP 1.4 compliant.
- Video formats up to 4Kx2K@60 and all HDMI 3D video formats.
- Support PCM, Dolby TrueHD, DTS-HD Master Audio up to 7.1CH.
- Digital and analog audio output.
- Support smart EDID management(Auto/2CH/5.1CH/7.1CH selectable).
- Support input port auto switching or manual switching mode.
- Support Audio Return Channel (ARC).

Connection Diagram



Product specification

HDMI version

HDMI 2.0a, DVI 1.0

HDCP version

HDCP 2.2, HDCP 1.4

Video bandwidth

18Gbps

Video resolution

Up to 4K×2K@60Hz

Highest pixel clock

600 MHz

Interface

4 HDMI input ports

1 HDMI output port

1 IR receiving port

1 RS232 port

HDMI Audio Output

PCM 2.1/5.1/7.1 CH, Dolby 5.1, Dolby-TrueHD, DTS-HD

ESD Protection

Human Body Model: ±8 kV (air-gap discharge), ±4 kV (contact discharge)

Dimensions (mm)

180(D) × 85(W) × 11.6(H)

Weight (g)

300

Housing

Black metal

Power Consumption

Max 2.5 W

Operating Temperature

0°C ~ 40°C / 32°F ~ 104°F

Storage Temperature

-20°C ~ 60°C / -4°F ~ 140°F

Working humidity

0-95% RH

Power supply

DC 5V