

### Overview

This high performance HDMI 4x2 Matrix Switch 4K60 device can switch any of four HDMI sources to two HDMI displays. It supports resolution up to 4K @ 60Hz (4:4:4) and is HDCP 2.2 compliant. It can extract HDMI source audio to digital optical and analog L/R outputs. It supports a 4K to 1080P downscale function for cases where the source is 4K, but the TV only supports up to 1080P. It also supports ARC (Audio Return Channel) capability and an EDID (AUTO/COPY/STD) function. The device supports an 18Gbps bandwidth and the additional features, including the latest HDMI standards. Flexible control is available via front panel buttons and an IR remote.

### Applications

Commercial and residential AV systems, classroom projector systems, digital signage, boardroom systems, collaborative PC systems, and medical information systems.



### Key Features

- HDMI 2.0, HDCP 2.2 / HDCP 1.4 and DVI 1.0 compliant
- Supports 4 HDMI inputs and 2 HDMI outputs
- Video resolution up to 4K @ 60Hz (4:4:4)
- Supports 18Gbps uncompressed bandwidth
- Supports Dolby Vision, HDR 10+, HLG
- Supports audio extract to digital optical audio Out A or Out B, and to analog L/R Out A and Out B
- Supports a 4K to 1080P downscale function
- Supports ARC (Audio Return Channel)
- Supports advanced EDID management including AUTO, COPY and STD
- Control is via front panel buttons and included IR remote

Specifications	
Environment	HDMI 2.0
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolution	Up to 4K@50/60Hz (YCbCr 4:4:4), 4K@30Hz. All HDMI 3D TV format, etc.
Color Space	RGB, YCbCr4:4:4, YCbCr4:2:2, YCbCr 4:2:0
Color Depth	8-bit, 10-bit, 12-bit [1080P, 4K30Hz, 4K60Hz (YCbCr 4:2:0)] 8-bit [4K60Hz (YCbCr4:4:4)]
HDMI Audio Formats	PCM2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD Master Audio, DSD
Optical Audio Formats	PCM2.0, Dolby Digital / Plus, DTS
L/R Audio Formats	PCM2.0CH (Note: If the ARC function is turned on, the audio port will mute.)
Connectors	Four (4) HDMI Inputs Two (2) HDMI Outputs One (1) L/R Analog Audio Output [3.5mm Stereo Mini-jack] One (1) Digital Optical Audio Output [S/PDIF - TosLink]
Enclosure	Metal Enclosure (color black)
Power Supply	Input: AC100~240V 50/60Hz Output: DC12V/1A
Power Consumption	3.8W (max)
Temperature	Operating Temperature: 0°C ~ 40°C / 32°F ~ 104°F Storage Temperature: -20°C ~ 60°C / -4°F ~ 140°F Relative Humidity: 20~90% RH (non-condensing)
Dimensions	251mm(W) × 105mm(D) × 20mm(H)
Weight	620g
Warranty	1 Year
Ordering Information	100510 HDMI 4x2 Matrix Switch 4K60 (UPC: 627699505106)

**Typical Application Schematic**

