



**Comprehensive**<sup>®</sup>  
Connectivity Company

# **UHD 3x1 HDMI Switcher**

**CSW-HD301K**

**User manual**

## Introduction

This is a high performance three HDMI input and one HDMI output switcher . The system supports all 3D TV formats in addition to all HDTV formats up to 4Kx2K. Furthermore, the remote control gives uses to complete control over the selection of sources and makes the device incredibly user friendly.

## Package

UHD 3x1 HDMI Switcher-----	1Pcs
5V/1A DC power adaptor-----	1Pcs
Remote Control-----	1Pcs
38KHz IR Receiver Cable-----	1Pcs
User manual-----	1pcs

## Feature

- Compliant with HDMI2.0, HDCP2.2 and DVI1.0;
- Support video format up to 4k2k@30Hz with 24bit RGB/YcbCR 4:4:4/YCBCR 4:2:2,and up to 4k2k@60Hz with 12bit YCBCR 4:2:0;
- Support 3D frame sequential video format up to 1080p@60;
- Support high resolution VESA mode video format up to QSXGA@60Hz;
- Supports LPCM 7.1CH, Dolby TrueHD, and DTS-HD Master Audio;
- Supports smart auto switch fuction;
- Supports IR and Panel button control;

## Specification

<b>Video Bandwidth</b>	300MHz/10.2 Gbps
<b>Input Ports</b>	3 x HDMI (Female type)
<b>Output Ports</b>	1 x HDMI (Female type)
<b>Output Resolution</b>	480i ~1080p50/60, 4Kx2K@24/30, 4k2k@60Hz with 12bit YCBCR 4:2:0, VGA~UXGA

<b>ESD Protection</b>	Human Body model: ±8 kV (air-gap discharge) ±4 kV (contact discharge)
<b>Power Supply</b>	5 V/1A DC
<b>Dimensions</b>	64 mm (W) × 155mm (D) × 17 mm (H)
<b>Weight</b>	180 g
<b>Chassis Material</b>	Metal
<b>Silkscreen Color</b>	Black
<b>Operating Temperature</b>	0 °C~40 °C/ 32 °F~104 °F
<b>Storage Temperature</b>	-20 °C ~ 60 °C/ -4 °F ~140 °F
<b>Relative Humidity</b>	20~90 % RH (non-condensing)
<b>Power Consumption</b>	2W

## Connect and Operate

Connect the signal sources such as Blu-Ray Player, Play Station 3, satellite receivers and computers equipped with HDMI output interfaces with a short high-speed HDMI cable to the HDMI Switcher input.

Connect the HDMI outputs from the HDMI Switcher to high-definition display devices such as HD-LCD, HD-DLP and HD projectors with HDMI input interfaces. Use high-speed HDMI cables that are recommended for the distances that are required for each connection.

The Switcher is powered by an external power supply which is included. Connect power first to the source, then to the Switcher and then to each HD TV or projector:



- 1. POWER LED:** This blue LED illuminates when the device is connected with power supply.
- 2. IN LED:** These blue LEDs illuminate when the Source selected.
- 3. SERVICE:** Manufacturer use only.
- 4. IR:** Remote control receiver; the 3.5mm phone for HDMI switcher IR extension.



## 38KHz IR Receiver Cable

**5. INPUT BUTTON:** Press this button to select the input source.

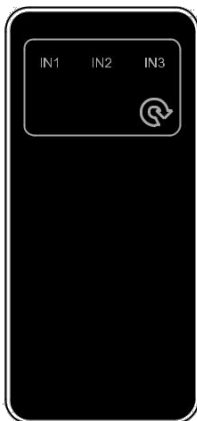


**1. HDMI IN 1,2,3:** Connect the input port to the HDMI or DVI output of your source device such as a DVD player or set-top box with HDMI cables.

**2. HDMI OUT :** Connect the HDMI outputs to an HDMI display.

**3. DC 5V:** Plug the 5V DC power supply into the unit and connected the adaptor to an AC outlet.

## Remote Control



Input source select buttons, the panel LED will indicate the input source status .

