

# THC 22

## 1x1 HDMI Convertor

### 1. Introduction

The Triax THC 22 HDMI Convertor features high-definition HDMI transmission and HDCP conversion. HDMI IN port supports HDMI2.0& HDCP2.2 and compliant with lower HDMI standards, while HDMI OUT port supports HDMI1.4& HDCP1.4. It transmits 4k\*2k@60Hz (max) signal up to 15m. Beside straight-through HDMI transmission, it's capable to convert HDCP2.2 compliant signal to HDCP1.4 standard signal. The EDID bypass function ensures the best resolution.

Owing to its designed HDCP2.2 to HDCP1.4 conversion, 1x1 HDMI Convertor is ideal for systems that enjoy HDCP2.2 compliant Blu-ray discs or HD-content on a HDTV device with HDCP1.4 or lower standard.

### 2. Features

- HDMI In supports HDMI2.0& HDCP2.2 and compliant with lower HDMI standards
- HDMI Out supports HDMI1.4& HDCP1.4 and compliant with lower HDMI standards
- EDID bypass
- Auto input resolution detection
- Easy to install and simple to operate

### 2.1 Package List

- ✓ 1 x 1x1 HDMI Convertor
- ✓ 2 x Screws
- ✓ 1 x Power Adapter (DC 5V 1A)
- ✓ 2 x Mounting ears
- ✓ 4 x Plastic cushions
- ✓ 1 x User manual


### 3. Specification

Input		Output	
HDMI Standard	Support HDMI2.0, compliant with HDMI1.4, HDCP2.2	HDMI Standard	Support HDMI1.4 & HDCP1.4
<b>General</b>			
Transmission Distance	4K*2K@60Hz≤15m 1080P≤20m		
Bandwidth	18 Gbps		

Audio	Support PCM (2.0,2.1,5.1,6.1,7.1, ), Dolby Digital (5.1)、DTS-HD (5.1,7.1) ,DD+/TrueHD (2.0,5.1,7.1) DTS-ES 6.1
Audio Sampling Rate	32k, 44.1k, 48k, 88.2k, 96k, 176.4k, 192k

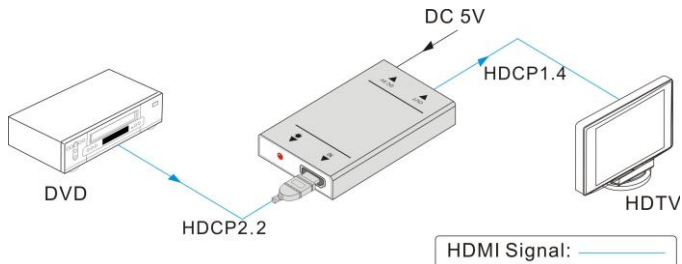
## 4. Supported Resolution

4K	3840*2160, 4096*2160 (30Hz/60Hz)
16:9	1920*1080, 1600*900, 1366*768, 1280*720, 1024*576 (60Hz)
16:10	1920*1200, 1680*1050, 1440*900, 1360*768, 1280*800 (60Hz)
4:3	1600*1200, 1400*1050, 1280*1204, 1024*768, 800*600, 640*480 (60Hz)
21:9	2560*1080 (30Hz/60Hz)

 Use quality HDMI cable to connect the devices to ensure preferred transmission effect.

## 5. System Connection

The figure below illustrates a typical connection that can be utilized with 1x1 HDMI Converter:



**Step1.** Connect a HDMI source (e.g. a Blu-ray DVD) to **IN** port of 1x1 HDMI Converter;

**Step2.** Connect a HDMI display (e.g. a Blu-ray DVD) to **OUT** port of 1x1 HDMI Converter;

**Step3.** Plug DC 5V 1A power adapter into the power port of 1x1 HDMI Converter.



- 1) System should be installed in a clean environment with prop temperature and humidity.
- 2) All of the power switches, plugs, sockets and power cords should be insulated.
- 3) All devices should be connected before power on.