

# HDMI SWITCH AND SPLITTER

2 TO 2  
2 TO 4  
4 TO 2

20130805

## Introduction:

HDMI Switch and Splitter could connect multi-roads of HD signal with multi HD display terminals, easily split any of multi-roads of HD signal to multi displays or projectors that can support HD signal.

## Feature:

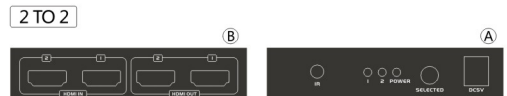
- Support 30/36 deep color
- Support 4K@30Hz
- Support signal timing restructuring
- Switch by push button or IR
- No signal loss, easy installation
- Send multi roads of HDMI signal to multi same roads of HDMI signal synchronously, with shock absorption and amplification function. Up to 15m transmission distance. It offers a set of idea solution for HD TV field, Construction site operations, Satellite set-top box, DVD, Projector, data center monitoring, education industry, Corporate Training and so on.

## Specification:

- Operation temperature: -45°C to 85°C
- Operation humidity: 5% to 90% RH
- Video amplifier circuit bandwidth: 2.5Gbs/250MHz

- Input video: 0.5-1.0V p-p
- Display data channel signal input: 5V p-p (TTL)
- Maximum single link range: 4K@30Hz
- VGA video format: VGA: 640\*480, 800\*600, 1024\*768, 1280\*1024, 1600\*1280, 1920\*1080, 1920\*1440
- DTV/HDTV video format: 480i/576i/480p/576p/720p/1080i/1080p/4K@30Hz
- Video output: HDCP 1.4 downward compatible

## Panel interface:



## Diagram:



## Connection and operation:

- Connect each HDMI signal source with input of HDMI Switch and Splitter through HDMI cable
- Connect output of HDMI Switch and Splitter with display through HDMI cable
- Connect 5V power with HDMI Switch and Splitter