

# Pro.2

## 1x2 HDMI Splitter Over Single Cat5e/6 Cable

Up to 50M with IR

Model: H2SPC5L

### Operating Instructions



1x2 HDMI Splitter Over Single Cat5e/6 Cable  
Up to 50M with IR

### Notice

The information in this document is subject to change without notice. Every effort has been made in the preparation of this document to ensure accuracy of the contents, but all statements, information, and recommendations in this document do not constitute the warranty of any kind, express or implied.

### Features

- Distribute 1 HDMI signal to 2 identical UTP outputs synchronously, with 1x looping HDMI output.
- Transmit over 50m single Cat5e/6 cable.
- Can be cascaded for 4 layers.
- With wide-band Bi-Direction IR control (38 ~ 56 kHz).  
(IR extension from Sender to Receiver or from Receiver to Sender)
- Support Full HD 1080p, VESA resolution: 1920x1200.
- Supports Dolby® TrueHD, DTS-HD® Master Audio™.
- Support 3D.

### Package Contents

- 1 x HDMI Splitter
- 1 x 5V DC Adapter
- 1 x User Manual

## SPECIFICATIONS

Operating Temperature Range	-5 to +35°C(+23 to +95°F)
Operating Humidity Range	5 to 90%RH (No Condensation)
Video Amplifier Bandwidth	140MHz
Input Video Signal	0.5-1.0 Volts P-P
Input DDC Signal	5 volts p-p(TTL)
Data transfer speed rate	6.75Gbps(Maximum)
Input port	1xHDMI
Output ports	2xCat5e/6, 1xHDMI
Video Format Supported	DTV/HDTV:480i/576i/480P/576P/720P/1080i/1080P VESA resolution:1920x1200 <sup>①</sup> 3D video support
Vertical Frequency range	60Hz
Support Audio Format	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1, stereo etc <sup>②</sup>
Transmission Distance	1080P 8-bit 50m Over single cat5e or cat6 cable/24AWG/Solid <sup>③</sup>
Power consumption	4W(Max)
Dimension (LxWxH)	L149xW79xH28mm
Net Weight	317.7g

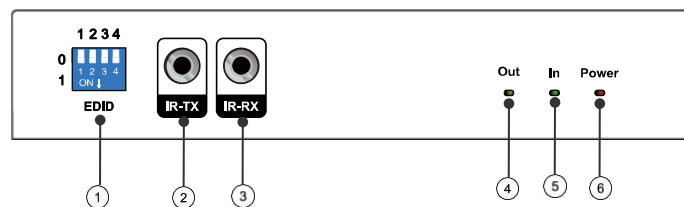
Note: <sup>①</sup> The transmission distance is Max 40m under 1920x1200 resolution.

<sup>②</sup> The distance is 40m under 5.1CH or 7.1CH.

<sup>③</sup> Under perfect transmission conditions including straight cable runs with no electrical interference, bends, kinks, patch panels or wall outlets.

## PANEL DESCRIPTIONS

### Front Panel



1. DIP switch for EDID setting

3. IR-RX port

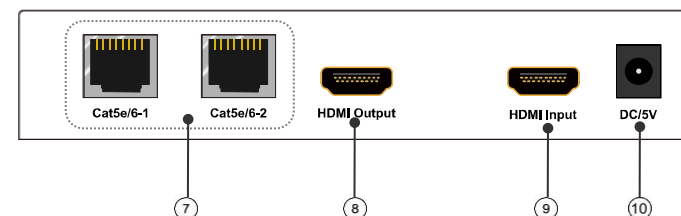
5. Indicator of HDMI input

2. IR-TX port

4. Indicator of HDMI output

6. Power input indicator

**Rear Panel**



7. CAT-5E/6 out ports

8. HDMI output

9. HDMI input

10. Power input

**DIP Switch for EDID Setting**

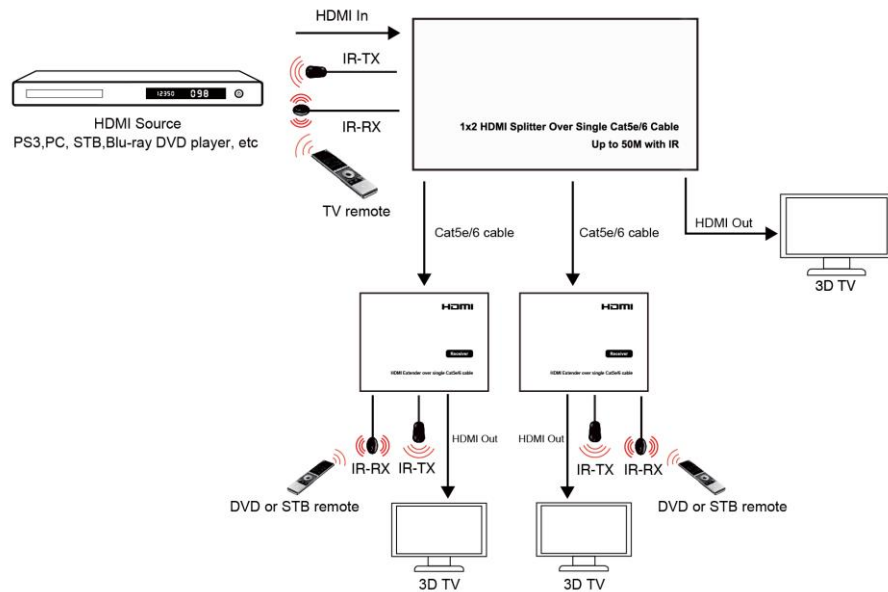
DIP Switch	EDID
0000	Default (1080P2D 2ch)
0001	Copy from HDMI output
0010	1080P2D 2CH
0011	1080P2D 6CH
0100	1080P2D 8CH
0101	Reserved
0110	1080P3D 2CH
0111	1080P3D 6CH
1111	1080P3D 8CH

**Connecting and operating**

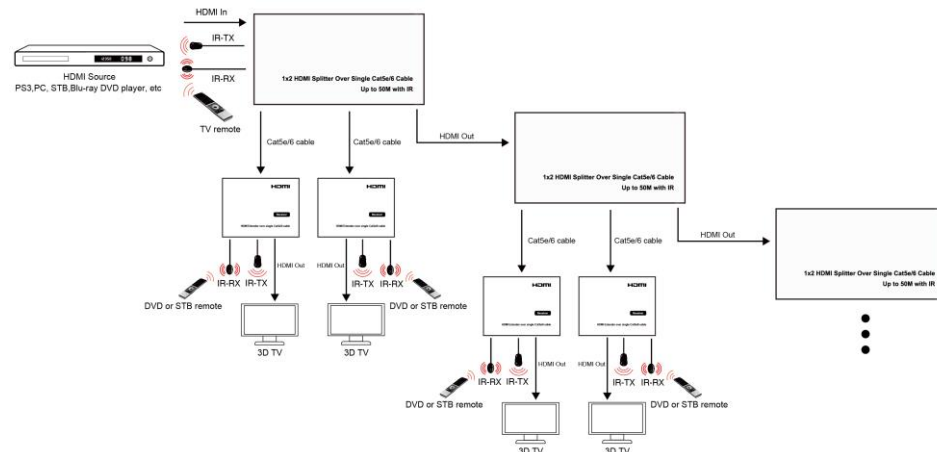
- 1) Connect the HDMI input source into HDMI splitter (by HDMI cable).
- 2) Connect by single cat5e/6 cable between the Cat5e/6 outputs of HDMI splitter and Cat5e/6 input of receiver (The cable termination must follow the standard of EIA/TIA 568B).
- 3) Connect the HDMI display (such as HD-LCD/HD-DLP) into the HDMI output of receiver.
- 4) Insert the DC 5V power supply into HDMI splitter and receiver.

## Connection Diagram

### Application 1:



### Application 2: Cascade for 4 layers



- 1 THIS PRODUCT IS WARRANTED FOR 12 MONTHS FROM THE DATE OF PURCHASE.**  
 Subject to the conditions of this warranty, the Customer Care Centre will perform necessary service on the product without charge for parts, or labour if, in the opinion of the manufacturer/ manufacturer's agent, the product is found to be faulty within the warranty period.
- 2** This warranty only applies if the product has been installed and used in accordance with the manufacturer's recommendations (as noted in the operating instructions) under normal use and reasonable care. The warranty covers normal domestic use only and does not cover damage, malfunction or failure resulting from use of incorrect voltage, accident, misuse, neglect, build-up of dirt or dust, abuse, mis-adjustment of customer controls, mains supply problems, thunderstorm activity, infestation by insects or vermin, tampering or repair by unauthorised persons (including unauthorised alterations), exposure to abnormally corrosive conditions or any foreign object or matter having entered the product.
- 3** If warranty service is required you should:
  - Telephone the Customer Care Centre on 1300 662 946
  - Provide a copy of your purchase receipt that shows retailer's identity and date of purchase.
  - Send or bring the product to your Customer Care Centre. Please note that freight to and/or from your Customer Care Centre must be arranged by you.
- 4** The warranties hereby conferred do not extend to any costs associated with the delivery, handling, freighting or transportation of the product or any part thereof or replacement of and do not extend to any damage or loss occurring during, or associated with transit.

**THIS WARRANTY CARD AND THE PURCHASE DOCKET  
 (OR SIMILAR PROOF OF PURCHASE)  
 SHOULD BE RETAINED BY THE CUSTOMER AT ALL TIMES**

**TROUBLE SHOOTING HELP LINE  
 1300 662 946**

**Customer Care Centre  
 562 Spencer Street, West Melbourne  
 VICTORIA 3003**

**Pro.2**  
 Providing AV Solutions

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