Pro.2

1x4 HDMI Splitter Over Single Cat5e/6 Cable

Up to 50M with IR

Model: H4SPC5P

Operating Instructions

HDMI

Pro.2

H4SPC5P

4-WAY HDMI OVER CAT5/6 SPLITTER KIT

Transmitter ▷

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 4 outputs synchronously,with 1 HDMI loopout.
- Transmit over 50m via single Cat5e/6 cable.
- Can be cascaded for 4 layers.
- With one way IR
- Support Full HD 1080p
- Support 3D.
- Support POC(RX powered by TX)

Package Contents

- 1 x HDMI Splitter & 4 x HDMI receiver
- 1 x 12V DC Adapter
- 1 x User Manual
- 1x IR-TX cables & 4x IR-RX cables
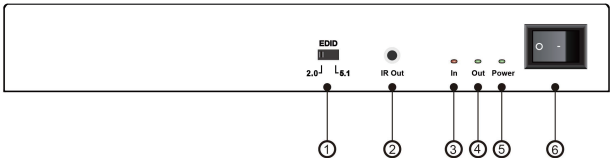- 10x mounting ears

SPECIFICATIONS

Operating Temperature Range	-10℃-40℃(+14-140℉)
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 Gbps(Maximum)
Input port	1xHDMI
Output ports	4xCat5e/6, 1xHDMI
Video Format Supported	DTV/HDTV: 720P/1080i/1080P 3D video support
Vertical Frequency range	60Hz
Support Audio Format	2.0/5.1
Transmission Distance	1080P60-8bit 50m Over single cat5e or cat6 cable/24AWG/Solid
Dimension (L×W×H)	L202.3xW105.5xH29.2mm

TX PANEL DESCRIPTIONS

Front Panel

1. EDID switch
2. IR out port
3. Indicator of HDMI input
4. Indicator of HDMI output
5. Power input indicator
6. Power on/off: press the up/down to turn on/off the device.

MAINTENANCE

Clean this unit with a soft, dry cloth. Never use alcohol, paint thinner of benzine to clean this unit.

PRODUCT SERVICE

1) Damage requiring service:
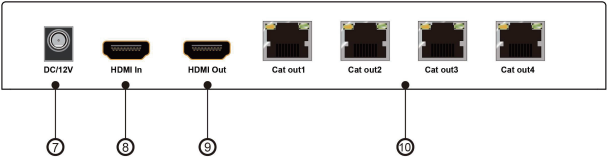The unit should be serviced by qualified service personnel if:
(a) The DC power supply cord or AC adaptor has been damaged;
(b) Objects or liquids have gotten into the unit;
(c) The unit has been exposed to rain;
(d) The unit does not operate normally or exhibits a marked change in performance;
(e) The unit has been dropped or the cabinet damaged.
2) **Servicing Personnel:** Do not attempt to service the unit beyond that described in these operating instructions. Refer all other servicing to authorized servicing personnel.
3) **Replacement parts:** When parts need replacing ensure the servicer uses parts specified by the manufacturer or parts that have the same characteristics as the original parts. Unauthorized substitutes may result in fire, electric shock, or other hazards.
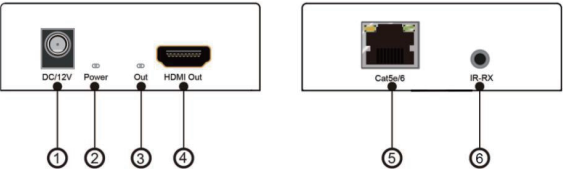**4) Safety check:** After repairs or service, ask the servicer to perform safety checks to confirm that the unit is in proper working condition.

Rear Panel

7. Power input
8. HDMI input
9. HDMI loop out port
10. Cat5e/6 output ports

RX PANEL DESCRIPTIONS

1. Power input
2. Power input indicator
3. Indicator of HDMI output
4. HDMI output port
5. Cat5e/6 input port
6. IR in port

EDID Setting

Two default EDID:

EDID Switch	EDID
Left	Default（1080P60-2.0 2ch)
Right	Default（1080P60-5.1 6ch)

Connecting and operating

1) Connect the HDMI input source into HDMI splitter.

2) Connect HDMI splitter and receiver by single cat5e/6 cable
(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) Connect the Loop HDMI output port of HDMI Splitter with the HDMI Display (such as HD-LCD/HD-DLP) by HDMI cable.

5) Plug IR TX cable to IR port of the Splitter.

6) Plug IR RX cable to IR port of the Receiver.

7) Insert the DC 12V power supply into HDMI splitter.

Requires IEEE-568B cable termination standards and solid core cable. use SOLID/FTP CAT5 E/6 cables for best results.

If you are running a cable 15 metres or more, make sure you use a SOLID CAT5E/6 cable. This product may not work with standard stranded ethernet cable. See related items for cabling that will work this product.
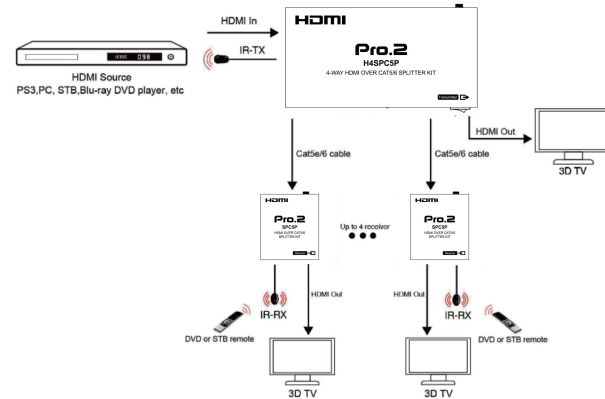
50m distance has been tested fine on F/UTP solid cat6 cable.

FYI: Most of the pre-made CAT5E/6 leads on the market are stranded cable not solid.

Please note: 50M distance is under perfect transmission conditions including straight cable run s with no bends, kinks, electrical interference, patch panels or wall outlets.

Connection Diagram

Application 1

Application 2: Cascade for 4 layers