PARTILINK

HR - 11

HDMI 2.0 Repeater

PARTILINK

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1. Introduction

HR-11 is a HDMI 2.0 repeater which extends HDMI 2.0 signal of any HDMI cable by regenerating the HDMI signal up to 20M before it outputs to the HDMI monitor or projector and it cleans out the digital noise in your picture. Up to 10 units can be cascaded for longer extension.

Just connect the repeater with the computer HDMI graphic port via a HDMI male to male cable to input HDMI signal and connect with the HDMI display or projector via a HDMI male to male cable to output HDMI signal. The repeater is to place near the display or projector to remove any noise which is generated with a long HDMI cable.

2. Features & Application

- Apply to improve the video quality when source from PC, laptop, DVD player and connecting with HDMI display or projector
- HDCP 1.4 and 2.2 compliant
- Serial data rate up to 6.0 Gbps, capable of supporting ultra-high resolution 4K/ 2K @60 Hz format
- Retiming capability allows for clean regenerated signals for transmission
- Adaptive and programmable input equalization supporting long and short cables
- Maintains highest HDMI single link video resolution 4K60 4:4:4
- Remove noise generating by long HDMI cable for better video quality
- CEC/ ARC pass through
- Extension length up to 20M
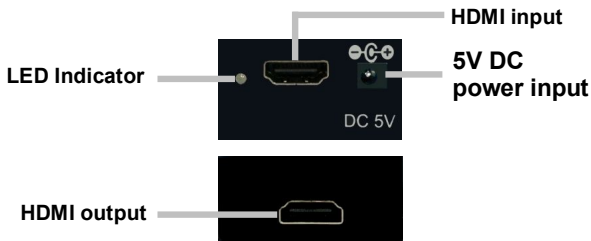- Able to cascade up to 10 units

3. Specifications

MODEL NO.	HR-11
DESCRIPTION	HDMI 2.0 Repeater Box
INPUT INTERFACE	HDMI x 1
	Resolution 3840 x 2160/ 4096 x 2160 @60Hz 4:4:4
OUTPUT INTERFACE	HDMI x 1
	Resolution 3840 x 2160/ 4096 x 2160 @60Hz 4:4:4
VIDEO BANDWIDTH	18 Gbps
HDCP VERSION	1.4 and 2.2 compliant
LED INDICATOR	LED x 1, green, red and orange for status indication
AUDIO	Digital audio output over HDMI
POWER	Power supply DC5V Power consumption 1W (max.) Power jack Φ1.3mm
ENVIRONMENT	Operating temperature 0~45℃ Operating humidity 20~90% Storage temperature -20~60℃
DIMENSION	43 x 81 x 22.9 mm (W x L x H)

** Product specifications are subject to change without notice.

4. Hardware Description

■ HR-11

HDMI input

LED Indicator

5V DC power input

DC 5V

HDMI output

5. Installation

- Connect the source to the HDMI input port of repeater with a HDMI 2.0 male to male cable and connect the HDMI 2.0 display or projector to the HDMI output port of repeater with a HDMI 2.0 male to male cable.
- Connect the 5V DC power supply to the power input port of the HDMI 2.0 repeater. *Please NOTE the repeater can also consume the power from the source device without external power supply when extension without cascade mode, but it still base on the installation environment if the power from the source device sufficient or not.
- LED indicator: The LED colors indicate the installation and activated status. The LED is red when power on;

the LED is green when the cables are connected securely; the LED is orange when both power on and cables connected and activated.
● Up to 20m HDMI male to male cable connected to the input port and up to 10 units of the repeater can be cascaded for longer extension. *Please NOTE: The repeater can also consume the power from the source device without external power supply when extension without cascade mode, but it still depends if the power from the source device sufficient or not in the installation site.

6.Package Content

1. HR-11 HDMI 2.0 repeater (1)
2. 5VDC power supply (1)
3. User manual (1)