

### HDMI 2.0 Repeater



#### HR-11

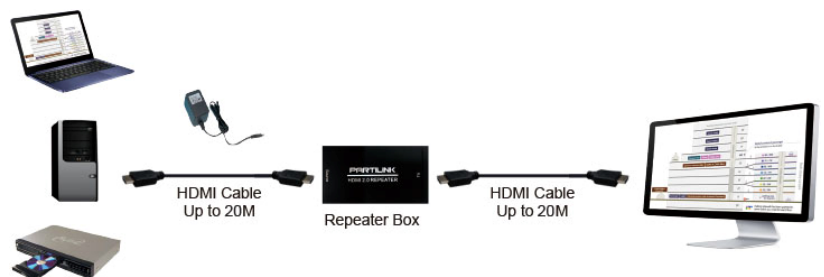
##### Introduction

HR-11 is a HDMI 2.0 repeater which extends HDMI 2.0 signal of any HDMI 1.4 or 2.0 compliant 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.

##### Application

Apply to improve the video quality when source from PC, laptop, DVD player and connecting with HDMI display or HDMI projector for presentation via long HDMI cables.



## Features

- 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

## Specifications

<b>MODEL NO.</b>	<b>HR-11</b>
<b>DESCRIPTION</b>	<b>HDMI 2.0 Repeater Box</b>
<b>INPUT INTERFACE</b>	<b>HDMI x 1</b> <b>Resolution 3840 x 2160/ 4096 x 2160 @60Hz 4:4:4</b>
<b>OUTPUT INTERFACE</b>	<b>HDMI x 1</b> <b>Resolution 3840 x 2160/ 4096 x 2160 @60Hz 4:4:4</b>
<b>VIDEO BANDWIDTH</b>	<b>18 Gbps</b>
<b>HDCP VERSION</b>	<b>1.4 and 2.2 compliant</b>
<b>LED INDICATOR</b>	<b>LED x 1, green, red and orange for status indication</b>
<b>AUDIO</b>	<b>Digital audio output over HDMI</b>
<b>POWER</b>	<b>Power supply DC5V</b> <b>Power consumption 1W (max.)</b> <b>Power jack <math>\Phi</math>1.3mm</b>
<b>ENVIRONMENT</b>	<b>Operating temperature 0~45°C</b> <b>Operating humidity 20~90%</b> <b>Storage temperature -20~60°C</b>
<b>DIMENSION</b>	<b>43 x 81 x 22.9 mm (W x L x H)</b>

