

HDMI 2.0 Repeater Dongle (Booster)



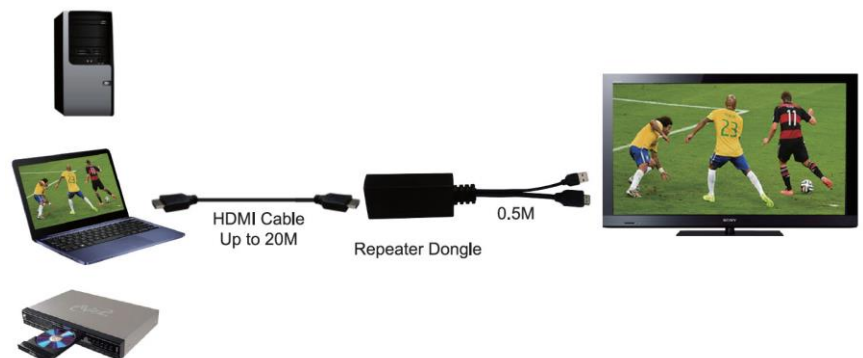
HRD-11

Introduction

HRD-11 is a HDMI 2.0 repeater (booster) dongle which has a HDMI source input and built-in two 50cm cable, one is HDMI cable for HDMI output and the other is USB cable for repeater power supply. The repeater dongle extends the HDMI 2.0 signal up to 20 meter with HDMI 1.4 or 2.0 compliant cable and delivers HDMI signal to TV or monitor by dongle's 50cm HDMI built-in cable. This repeater dongle regenerates the HDMI signal and cleans out the digital noise for long distance HDMI transmission. It is very easy to use and without any configuration.

Application

- Apply to improve the video quality and reduce digital noise when using long HDMI cable up to 20 meter on the HDMI repeater source input.



Features

- Two 50cm HDMI and USB pigtail for HDMI signal transmission and repeater dongle USB power supply
- 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 4K2K@60Hz 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 4K2K@60Hz 4:4:4
- Remove noise generating by long HDMI cable for better video quality
- CEC/ ARC pass through
- Extension length up to 20 meter on repeater source input
- Able to cascade up to 10 units of repeater box

Specifications

MODEL NO.	HRD-11
DESCRIPTION	HDMI 2.0 Repeater Dongle (Booster)
INPUT INTERFACE	1 x HDMI Type A female Resolution 3840 x 2160/ 4096 x 2160 @60Hz YUV 4:4:4
OUTPUT INTERFACE	Built-in 50cm HDMI cable with HDMI Type A male connector Resolution 3840 x 2160/ 4096 x 2160 @60Hz YUV 4:4:4
VIDEO BANDWIDTH	18 Gbps
HDCP VERSION	1.4 and 2.2 compliant
AUDIO	Digital audio output over HDMI
POWER	Built-in 50cm USB cable with USB Type A male connector USB bus power DC 5V Power consumption 1W (max.)
ENVIRONMENT	Operating temperature 0~45°C Operating humidity 20~90% Storage temperature -20~60°C
DIMENSION	25 x 13.5 x 500 mm (including the pigtail 500mm, length ± 20)

