

User Manual

816342

HDMI2.0 Booster

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Version::816342_2017V1.0

Statement

Thanks for purchasing this product, please read this user manual carefully before using this product. The functions described in this version are updated till July 12, 2017. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation.

Safety Precaution

- Do not dismantle the housing or modify the module to avoid electrical shock or burn.
- Using supplies not meeting the products' specifications may cause damage, deterioration or malfunction.
- Do not expose the unit to rain, moisture or install this product near water.
- Install the device in a place with fine ventilation.
- Do not twist or pull by force ends of the optical cable. It can cause malfunction.
- Do not use liquid or aerosol cleaners to clean this unit.
- Always unplug the power to the device before cleaning.
- Unplug the power when not used for a long period of time.
- Refer all servicing to qualified service personnel.

After-Sales Service

We provide limited warranty for the product within three years.

Introduction

CE-EX20B is an HDMI 2.0 booster designed to extend 4k×2k@60Hz 4:4:4 signal up to 20m, and 4k×2k@30Hz signal up to 35m over HDMI2.0 cables, being powered by HDMI source, and the HDMI cables should support 18Gbps.

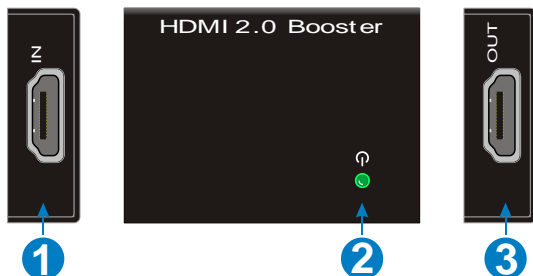
Feature

- Supports HDMI2.0, HDCP2.2 compliant.
- The total transmission distance of 4k@60Hz 4:4:4 signal is up to 20m, and the maximum distance from HDMI output to display supports 10m.
- The total transmission distance of 4k@30Hz signal is up to 35m, and the maximum distance from HDMI output to display supports 15m.
- The total transmission distance of 1080p signal is up to 50m, and the maximum distance from HDMI output to display supports 30m.
- No need of any external power supply, simplifying the installation and operation.

Package Content

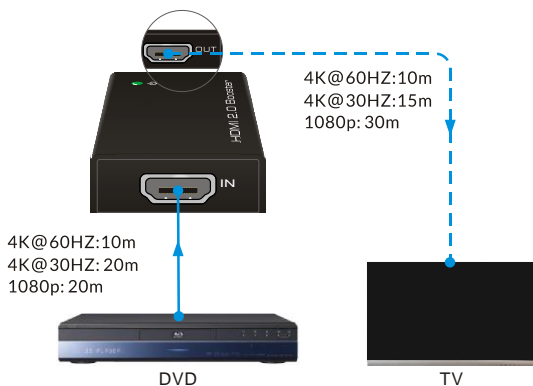
- 1 x 816342
- 1 x Velcro Tape
- 1 x User Manual

Panel Description



- ① INPUT: Connect with HDMI source
- ② Power LED: GREEN when powered on
- ③ OUTPUT: Connect with HDMI display

System Diagram



Specifications

Input & Output	
Input	(1) HDMI
Input Connector	(1) 19-pin type-A female HDMI
Output	(1) HDMI
Output Connector	(1) 19-pin type-A female HDMI
General	
Transmission Distance	4Kx2K@60Hz 4:4:4≤ 20m; 4Kx2K@30Hz 4:4:4≤ 35m; 1080p≤ 50m
HDMI Standard	HDMI2.0
HDCP Standard	Input supports HDCP2.2
Bandwidth	18Gbps
Work Temperature	0~40℃
Storage Temperature	-10~55℃
Relative Humidity	10%-90%
Dimensions (W*H*D)	35.5mm x 12 mm x 49 mm
Weight	52g