User Manual

VL120015

4K HDMI Signal Manager

Statement

Read this user manual carefully before using the product. Pictures shown in this manual are for reference only. Different models and specifications are subject to real product.

This manual is only for operation instruction only. The functions described in this version are updated till April, 2019. In the constant effort to improve our product, we reserve the right to make functions or parameters changes without notice or obligation. Please refer to the dealers for the latest details.

Safety Precaution

To insure the best from the product, please read all instructions carefully before using the device. Save this manual for further reference.

- Follow basic safety precautions to reduce the risk of fire, electrical shock and injury to persons.

- Do not dismantle the housing or modify the module to avoid electrical shock or burn.

- Using supplies or parts 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 cord when left unused 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** counting from the first day you buy this product (The purchase invoice shall prevail).

Introduction

The VL120015 is an ultra-thin HDMI signal manager. It is designed to enhance the compatibility between HDMI sources and displays to match more display device. The transmission of 4k×2k@60Hz (max) signal from source to display is up to 15m. Beside straight-through HDMI transmission, the EDID bypass function ensures the best resolution of displays. No need of any external power supply, simplifying the installation and operation.

Features

- Input supports HDCP2.2.

- Supports EDID bypass and auto input resolution detection, make sure the best resolution of display device.

- The transmission of 4k@60Hz 4:2:0 signal from source to display is up to 15m.

- No need of any external power supply, simplifying the installation and operation.

Package List

Please take an inventory of the package contents to ensure you have all the items listed below. If anything is missing or damaged, please contact your distributor for a replacement.

- 1x VL120015
- 1x User Manual
- 1x Velcro Tape

Panel Description
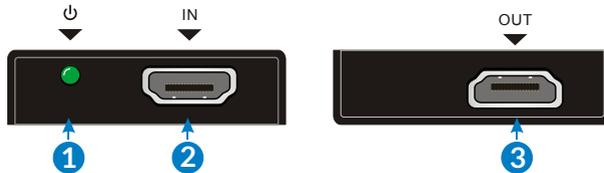
① Power LED: GREEN when powered on.

② IN: Connect with HDMI source.

③ OUT: Connect with HDMI display.

System Diagram
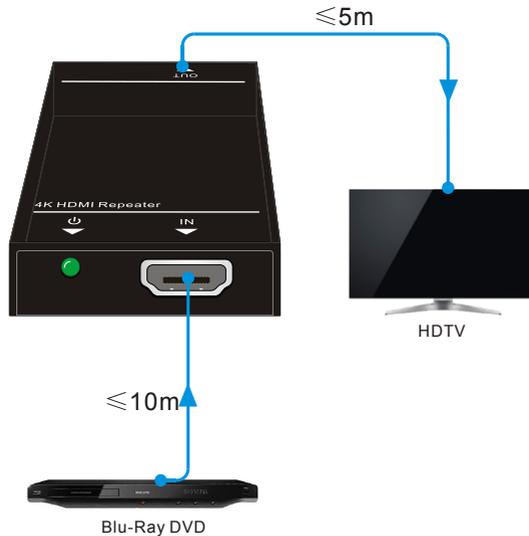
Note: This picture is for reference only, the specific scheme is subject to real devices.

Specification

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	Input≤10m; Output≤5m
HDCP Standard	Input supports HDCP2.2
EDID Management	EDID pass-through
Bandwidth	10.2Gbps
Power Consumption	1W
Operation Temperature	-5℃ ～ +55℃
Storage Temperature	-25℃ ～ +70℃
Relative Humidity	10%-90%
Dimensions (W*H*D)	45.5mm x 12mm x 75mm
Net Weight	50g

Note: *This product can be powered by HDMI cable, if you need similar-type model with external power supply, please contact your distributor for more details.*

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