

# Instruction Manual

HDMI Splitter

II-HD4SPLDA14-B

**iiglo**

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**Version: CE-DA14-H2\_2020V1.2**

## 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 October, 2019. 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.

## Packing List

- 1x 1x4 HDMI 2.0 Splitter
- 1x Power Adapter (5V DC 1A)
- 1x User Manual

### **Note:**

**Please contact your distributor immediately if any damage or defect in the components is found.**

# Product Introduction

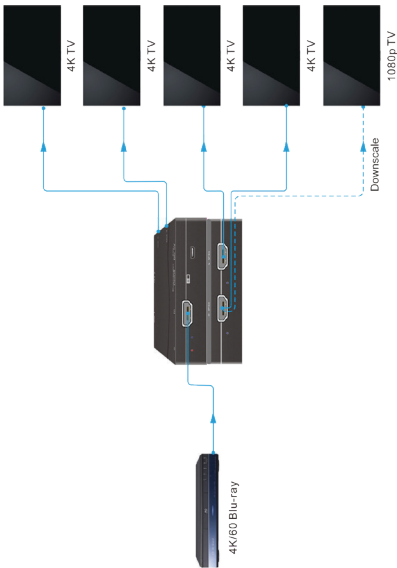
HDMI splitter for A/V solutions. This device lets you simultaneously distribute one HDMI signal up to 4 displays. It supports HDMI v. 2.0 standards and resolutions up to 4K@60Hz 4:4:4. The splitter supports firmware upgrade through Micro-USB port.

## Panel Description



1. POWER LED: Red light appears when device is powered on.
2. HDMI INPUT LED: Blue light indicates a connected HDMI input device.
3. HDMI INPUT: Type-A female HDMI input port to connect the HDMI source.
4. Downscale ON/OFF: Enable/disable down-scaling function.
5. FW/DC 5V: Micro USB port for firmware upgrades or power connection.
6. OUTPUT LEDS: Blue lights indicate connected HDMI outputs.
7. HDMI OUTPUTS: Four type-A female HDMI output ports to connect HDMI displays.

# System Connection



## Video Resolution Down-scaling

The product supports video resolution down-scaling, the 4K input can be automatically degraded to 1080p output for compatibility with 1080p display, shown in the below chart.

	Input			Output	
#	Resolution	Refresh	Color space	Downscale	1080p Specs
1	3840x2160	60Hz	4:4:4	Support	1080p@60Hz 4:4:4
2	3840x2160	30Hz	4:4:4	Support	1080p@30Hz 4:4:4
3	3840x2160	24Hz	4:4:4	Support	1080p@24Hz 4:4:4
4	3840x2160	60Hz	4:2:0	Support	1080p@60Hz 4:4:4
5	3840x2160	30Hz	4:2:0	Support	1080p@30Hz 4:4:4
6	3840x2160	24Hz	4:2:0	Support	1080p@24Hz 4:4:4
7	3840x2160	60Hz	4:2:2	Not Support	N/A
8	3840x2160	30Hz	4:2:2	Not Support	N/A
9	3840x2160	24Hz	4:2:2	Not Support	N/A

## Firmware Upgrade

Here are the steps to install firmware upgrades using the Micro-USB port:

- 1) Connect the splitter to the PC with USB cable.
- 2) Power on the splitter, and then the PC will automatically detect a U-disk named of "BOOTDISK".
- 3) Double-click to open the U-disk, a file named of "READY.TXT" will be showed.
- 4) Copy the latest upgrade file (.bin) to the "BOOTDISK" U-disk directly.
- 5) If the filename "READY.TXT" automatically turns to "SUCCESS.TXT", the firmware was upgraded successfully. If the firmware upgrade failed, please check the file (.bin) and then follow the above procedure to operate again.
- 6) Remove the USB cable after firmware upgrade.

# Specification

## Video Input

Input	(1) HDMI
Input Connector	(1) Type-A female HDMI
HDMI Input Resolution	Up to 4K@60Hz 4:4:4 8bit
HDMI Standard	2.0
HDCP Version	up to HDCP2.3
CEC	Supported

## Video Output

Output	(2) HDMI
Output Connector	(2) Type-A female HDMI
HDMI Output Resolution	Up to 4K@60Hz 4:4:4
CEC	Supported

## Control

Control Part	(1) Micro-USB port
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## General

HDMI 2.0 Cable Length	4K@60Hz 4:4:4 $\leq$ 5m, 4K@60Hz 4:2:0 $\leq$ 10m, 1080p $\leq$ 15m
Operation Temperature	-10°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Relative Humidity	10%-90%
Power Supply	Input: 100V~240V AC; Output: 5V DC 1A
Power Consumption	1.8W
Dimension (W*H*D)	85mm x 18mm x 85mm
Net Weight	70g



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