



4K-18G HDMI Manager w/ EDID AEE-200



User Manual

Version 1.0

Thank You for Purchasing This Product

For optimum performance and safety, please read these instructions carefully before connecting, operating or adjusting this product. Please keep this manual for future reference.

Surge Protection Device Recommended

This product contains sensitive electrical components that may be damaged by electrical spikes, surges, electric shock, lighting strikes, etc. Use of surge protection systems is highly recommended in order to protect and extend the life of your equipment.

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1. Introduction

The AEE-200 is a 4K 18G HDMI manager with EDID and HDCP management. It supports up to 4K 60Hz 4:4:4 and HDCP 2.2. The device can also powered by HDMI or USB-C, and it supports auto-downscaling.

2. Features

- ⌘ Resolutions up to 18G HDMI 2.0 4K 60Hz 4:4:4
- ⌘ Supports EDID and HDCP 2.2 management
- ⌘ Power via HDMI or USB-C
- ⌘ Equipped with CEC block switch

3. Package Contents

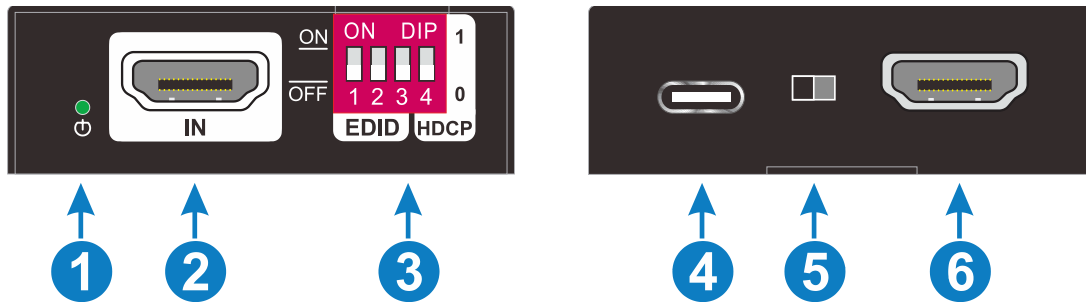
Before using this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- ⌘ AEE-200.....(1 piece)
- ⌘ User Manual.....(1 piece)

4. Specifications

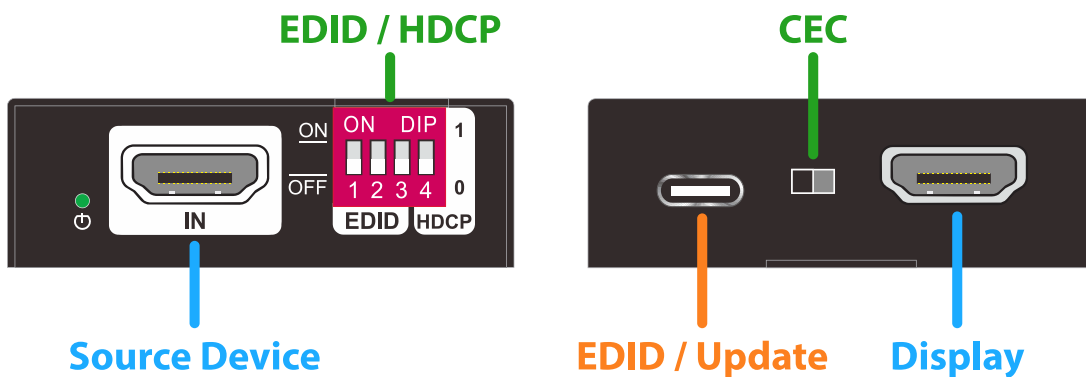
Video Input.....	HDMI 2.0 up to 4K 60Hz 4:4:4
Video Output.....	HDMI 2.0 up to 4K 60Hz 4:4:4
Bandwidth.....	18Gbps
Power Supply.....	5V 1A
Power.....	2.4W Max
Dimensions.....	54 x 18 x 60mm
Net Weight.....	85g

5. Panel Description



1. **Power LED**.....Will light up green when the device is powered on
2. **HDMI IN**.....HDMI 2.0 input, connect to source device
3. **Dip Switch**.....4 Pin dip switch for EDID and HDCP Management
4. **USB-C**.....Used to power device, upload EDID, and upgrade
5. **CEC Switch**.....Turn on/off CEC
6. **HDMI OUT**.....HDMI 2.0 output, connect to display

6. System Diagram



7. Management

Predefined EDID Setting

Switch Status	Video Resolution	Audio Format
000	Obtain Display EDID	
001	1080P	LPCM
010	1080P	DTS/DOLBY
011	3840x2160 30Hz HDR	LPCM
100	3840x2160 30Hz HDR	DTS/DOLBY
101	3840x2160 60Hz HDR	LPCM
110	3840x2160 60Hz HDR	DTS/DOLBY
111	User Defined EDID	

User Defined EDID Setting

1. Rename the user defined EDID as follows:
0803C000.DAT
2. Connect the machine to the PC and the PC will detect a U-Disk named **"BOOTDISK"**.
3. Copy the EDID file onto the U-disk, and then open the U-disk. If there is a **"SUCCESS.txt"** file, it means that the EDID upload was successful.
4. Power on the machine.

HDCP Management

Status	HDCP Function
1	Show a identify code to Source that no HDCP is supported by the device, then the source will assume that no HDCP is supported by the device and will send the content without HDCP encryption if the signal format allows it.
0	Switch off HDCP management.

8. Upgrade

1. Rename the upgrade file to the following:
08009000.APP
2. RConnect the AEE-200 to the PC with a USB cable, the PC will then detect a U-Disk named "**BOOTDISK**".
3. Copy the file onto the U-Disk, and then open the U-Disk. If there is a **SUCCESS.txt** file, that means the upgrade was successful. If there is an **UNKNOWN.txt** file, that means the upgrade failed. If this occurs, please retry the upgrade process.

