

# USER MANUAL

learner/simulator

HD-EDID-4K



Version: V2.0.1

## 1. Product Introduction

It's an HDMI EDID simulator/learner, it can study the display model and save it. It solves the no image, wrong resolution and so on issues which caused by the wrong EDID.

## 2. Features

- Contain 15 preset EDID data for commonly used resolutions and refresh rates
- Learn EDID data from the indicated HDMI display
- Bi-direction simulation, it can be connected in the source or display side
- Support HDMI 2.0, HDMI 1.4 and below versions, HDCP compliant
- Resolution up to 4Kx2K@60Hz
- Support 3D, Deep Color, CEC
- Support Dolby True HD and DTS HD Master Audio
- Two color LED indicator to show EDID status
- Powered by HDMI source

## 3. Connection and operation



## Internal EDID Data List for 15 Channels

Channel	EDID Name	PC Reference	BD Reference
0	The same as external learned EDID		
1	480p	720x480 / 60Hz	480p / 60Hz
2	720p	1280x720 / 50Hz	720p / 50Hz
3	1080i	1920x540 / 60Hz	1080i / 60Hz
4	1024x768_60	1024x768 / 60Hz	720p / 60Hz
5	1280x1024_60	1280x1024 / 60Hz	720p / 60Hz
6	1366x768_60	1366x768 / 60Hz	720p / 60Hz
7	1400x1500_60	1400x1050 / 60Hz	720p / 60Hz
8	1680x1050_60	1680x1050 / 60Hz	720p / 60Hz
9	1600x1200_60	1600x1200 / 60Hz	720p / 60Hz
A	1920x1080_24	1920x1080 / 24Hz	720p / 60Hz
B	1920x1080_60	1920x1080 / 60Hz	1080p / 24Hz 720p / 60Hz
C	1920x1200_60	1920x1200 / 60Hz	1080p / 60Hz
D	3840x2160_30	3840x2160 / 30Hz	3840x2160 / 24Hz 1080p / 60Hz
E	3840x2160_60	3840x2160 / 60Hz	3840x2160 / 60Hz
F	4096x2160_60	3840x2160 / 60Hz	4096x2160 / 60Hz

#### How to learn the external EDID of HDMI display (For Channel 0 only)

Plug the HDMI input of HD-EDID to your HDMI source, the LED will light green for 2 seconds to initial learning mode, then the LED will flash blue for 5 seconds (learning mode).

Within the 5 second period, please plug monitor's HDMI cable to the HDMI output of HD-EDID, LED will flash blue once to finish the learning process.

#### Reset to the Default EDID (For Channel 0 only)

Connect HDMI cable to an HDMI display and the HDMI output of HD-EDID, then plug the HDMI input of HD-EDID to your HDMI source.

The LED will light green for 2 seconds, then flash green for another 2 seconds. During this flashing period, please unplug the HDMI cable and the LED will flash green once to finish the EDID reset process.

## 4. Specification

Model	HD-EDID
Name	EDID learner and simulator
Input	HDMI Male

Output	HDMI Female
LED Indicator	Green / Blue Light
Power Supply	HDMI Internal Power
Dimension (WxHxD)	41 x 23 x 12mm
Weight	20 g
Operation Temp.	-10℃ to 50℃
Storage Temp.	-25℃ to 55℃