

# HDMI Splitter User Manual

## HDMI V2.0

### Special Notification

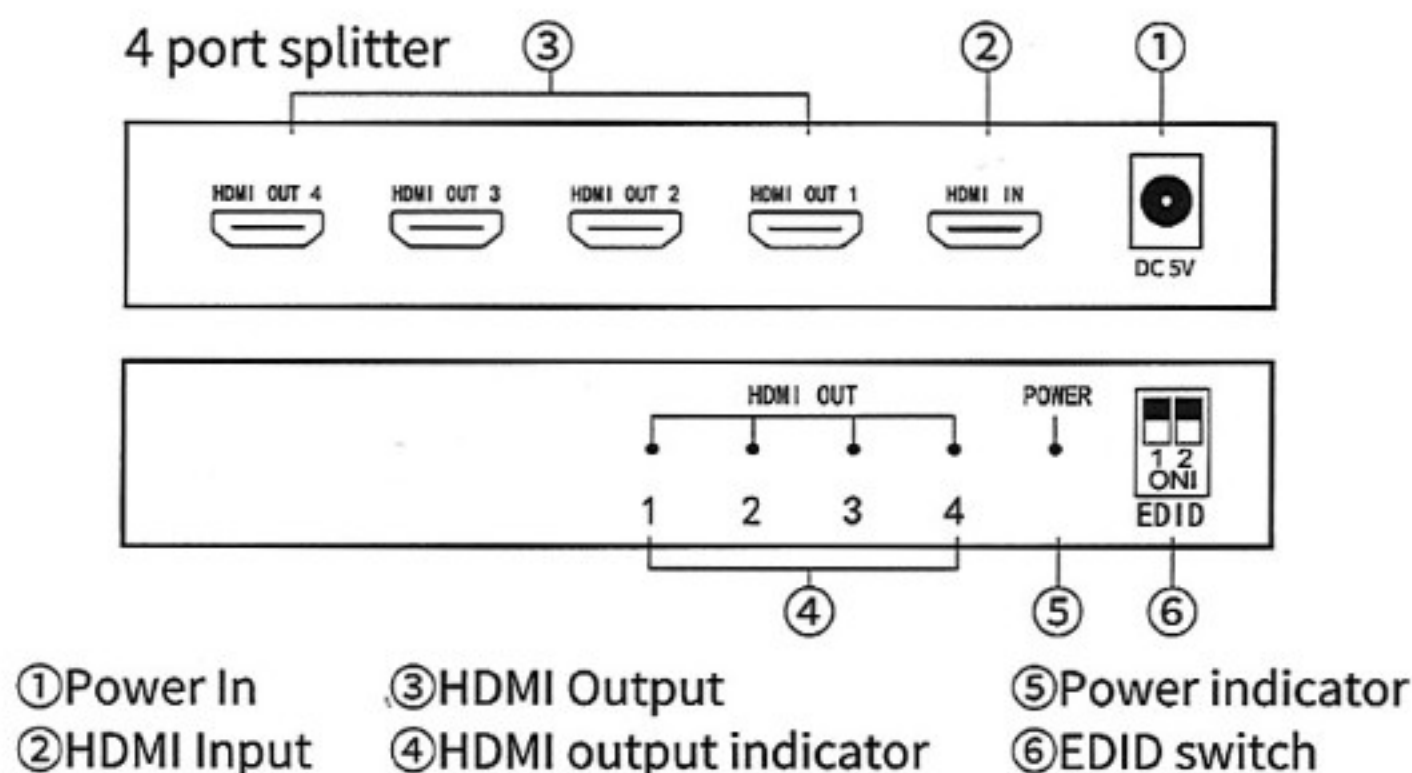
- ※ Before using this product, please read this manual carefully.
- ※ Please keep this manual for future reference.
- ※ The company may change the function of product without notice.

### Features

- Support the distribution of a high-definition signal source to 2/4/8HD display.
- Support intelligent EDID analysis algorithm, better compatible with various display devices.
- Support LPCM 7.1,Dolby® TrueHD, Dolby Digital® Plus, and audio formats such as DTS-HD® Master Audio™ and other audio formats;
- Compatible with the HDCP is 2.2,Support up to 36 bit color depth.
- 18 Gbps transmission rate.
- Support HDR10 and Dolby Vision.
- Support display resolution as high as 3840×2160@60Hz 4:4:4.
- The display can be compatible with both 1080P@60Hz and 3840×2160 @60hz 4:4:4.
- When 4K×2K@60Hz resolution is used, AWG26 HDMI standard cable is used and input and output are all 5m.
- When the resolution is 1080P and below, use AWG26 HDMI standard cable, input support 10m, output support 15m.

( To prevail in kind )

## Interface Specification



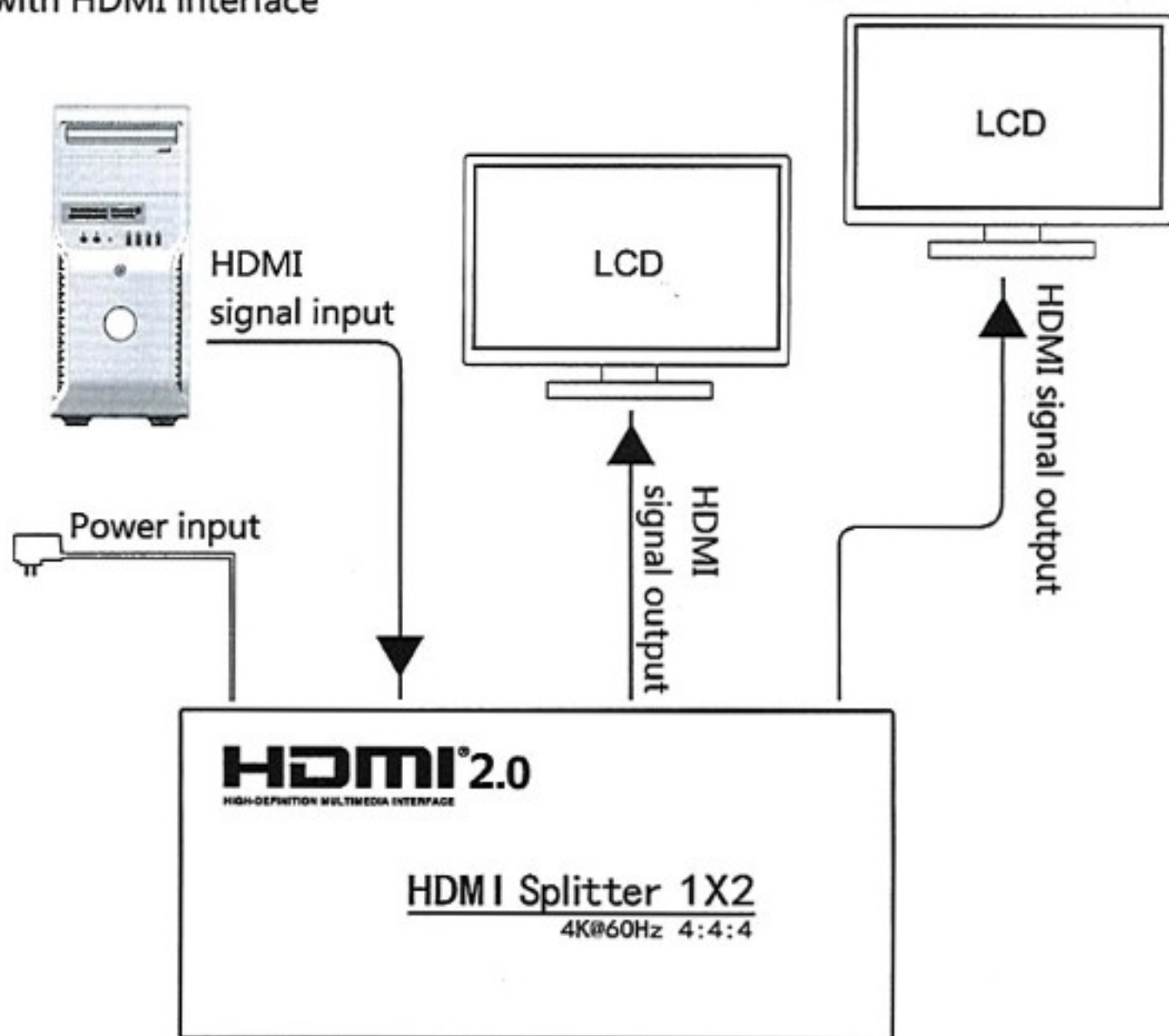
## DIP Switch Configuration:

	00(1 Up/2 Up): EDID Compose preferred to read 4K display resolution, and compatible resolution at 1080P@60Hz and 4K @60hz;
	10(1 Down/2 Up): EDID 4Kx2k 60Hz 2Ch priority output 4Kx2k 60Hz 2Ch and down compatibility with low resolution;
	01(1 Up/2 Down): EDID 1080P 60Hz 2ch priority output 1080P 60Hz 2ch and down compatible with low resolution;
	11(1 Down/2 Down): EDID Copy, Copy output display EDID, priority reading HDMI out 2 display's EDID.

## Connection Diagram ( Take 2 port for example )

Signaling equipment  
with HDMI interface

The display device with HMDI



## Product specification

The product name	Product size(mm)	Outer box size(mm)	Product weight	Total weight
2 port	110×54×22	206×145×55	164g	319g
4port	155×63×22	206×145×55	240g	395g
8port	240X68 X22	265X180 X60	292g	445g

## Technical Parameters

input interface	HDMI
output interface	HDMI
HDMI resolution	24/50/60fs/1080p/1080i/720p/576p/576i/480p /480i(4K*2K@60Hz)
Support HDMI audio format	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3
Support video color format	36 bit color deep
Transmission bandwidth	600MHz
Maximum baud rate	18Gbps
Input / output AC TMSD signal	0.5~1.5Volts p-p
Input / output DDC signal	5Volts p-p(TTL)
The input cable length	≤10m(1080P)/5M(4K) 26AWG HDMI standard cable
The output cable length	≤15m(1080P)/5M(4K) 26AWG HDMI standard cable
Maximum working current	800mA
Power adapter specification	Input:AC(50Hz,60Hz)100V-240V;Output:DC5V
Working temperature	0~40°C
Working humidity range	5~85%RH(No condensation)

## Packing List

No.	Name	Qty	Remark
1	Product host	1	
2	Power adapter	1	
3	Manual	1	



## **The matters needing attention of installation**

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.