

HDMI 2口/4口/8口分配器用户手册

HDMI V2.0

特别提示

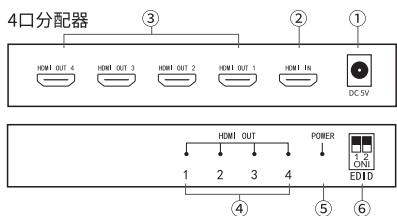
- ※ 在使用本产品之前, 请务必先仔细阅读本使用说明书。
- ※ 请务必妥善保管好本书, 以便日后能随时查阅。
- ※ 请在充分理解内容的基础上, 正确使用。
- ※ 本公司保留对产品进行修改的权利, 由于技术更新产品参数变化恕不另行通知。

产品特点

- 支持将一路HDMI2.0版本高清信号源, 分配成2/4/8路HDMI 2.0版本信号输出;
- 支持智能EDID分析算法, 更好地兼容各种显示设备;
- 支持LPCM 7.1,Dolby® TrueHD, Dolby Digital® Plus, 和DTS-HD® Master Audio™ 等音频格式;
- 兼容HDCP 2.2, 支持高达36位色深;
- 18 Gbps传输速率;
- 支持HDR10 和Dolby Vision;
- 支持显示器分辨率高达3840×2160@60Hz 4:4:4;
- 可同时兼容1080P@60Hz和3840×2160@60Hz 4:4:4两种不同分辨率的显示器;
- 4K×2K@60Hz分辨率时, 使用AWG26 HDMI标准线缆, 输入输出均支持5米;
- 1080P及以下分辨率时, 使用AWG26 HDMI标准线缆, 输入支持10米, 输出支持15米。

(以产品实物为准)

接口说明 (以四口为例)

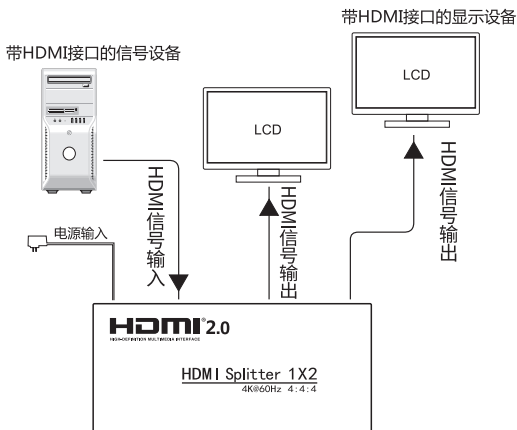


- ①电源输入接口
- ②HDMI信号输入接口
- ③HDMI信号输出接口
- ④工作指示灯
- ⑤电源指示灯
- ⑥拨码开关

拨码开关信号切换说明:

	00(1上2上): EDID Compose 优先选择读取4K显示器分辨, 同时兼容分辨率在1080P@60Hz和4K@60Hz的显示器;
	10(1下2上): EDID 4K x 2k 60Hz 2Ch 优先输出4K x 2k 60Hz 2Ch同时向下兼容低分辨率;
	01(1上2下): EDID 1080P 60Hz 2ch 优先输出1080p 60Hz 2Ch同时向下兼容低分辨率;
	11(1下2下): EDID Copy 复制输出显示器EDID, 优先读取端口2显示器。

连接示意图 (以2口分配器为例)



产品规格

产品名称	产品尺寸(mm)	外盒尺寸(mm)	产品重量	总重量
2口分配器	110×54×22	206×145×55	164g	319g
4口分配器	155×63×22	206×145×55	240g	395g
8口分配器	240X68 X22	265X180 X60	292g	445g

技术参数

输入接口	HDMI
输出接口	HDMI
HDMI分辨率	24/50/60fs/1080p/1080i/720p/576p/576i/480p /480i(4K*2K@60Hz)
支持HDMI音频格式	DTS-HD/Dolby-trueHD/LPCM7.1/DTS/Dolby-AC3
支持视频色彩格式	36位色深
最大传输带宽	600MHz
最大波特率	18Gbps
输入/输出TMSD信号	0.5~1.5Volts p-p
输入/输出DDC信号	5Volts p-p(TTL)
输入线缆长度	≤10m(1080P)/5M(4K) 26AWG HDMI标准线缆
输出线缆长度	≤15m(1080P)/5M(4K) 26AWG HDM标准线缆
最大工作电流	220mA
电源适配器规格	Input:AC(50Hz,60Hz)100V-240V;Output:DC5V
工作温度	0~40°C
工作湿度	5~85%RH(无冷凝)

配件清单

序号	名称	数量	备注
1	产品主机分配器	1	
2	电源适配器	1	
3	用户手册	1	
4	保修卡	1	

安全使用须知

为确保设备可靠使用及人员的安全, 请在安装、使用和维护时, 请遵守以下事项:

- 请勿在下列场所使用本产品: 有灰尘、油烟、导电性尘埃、腐蚀性气体、可燃性气体的场所; 暴露于高温、结露、风雨的场合; 有振动、冲击的场合。电击、火灾、误操作也会导致产品损坏和恶化;
- 避免带电状态进行接线、插拔电缆插头, 否则容易导致电击, 或导致电路损坏;
- 安装和接线必须牢固可靠, 接触不良可能导致误操作;
- 本产品通过电源线的接地导线接地, 为避免电击, 必须将接地导线与大地相连, 在对本产品的输入端或输出端进行连接之前, 请务必将本产品正确接地;
- 必须将外部电源全部切断后, 才能进行安装、接线等操作, 否则可能引起触电或设备损坏;
- 在下列情况下, 请立即断开电源, 并与公司联系:
 1. 设备进水;
 2. 设备摔坏或机壳破裂;
 3. 设备工作异常或展示的性能已完全改变;
 4. 设备产生气味、烟雾或噪音。
- 请不要自己修理设备, 除手册中有明确指示外。

HDMI Splitter User Manual

HDMI V2.0

Special Notification

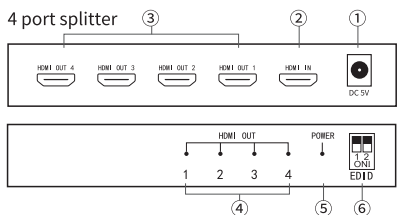
- ※ Before using this product, please read this manual carefully.
- ※ Please keep this manual for future reference.
- ※ The company may change the fuction of product without notice.

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

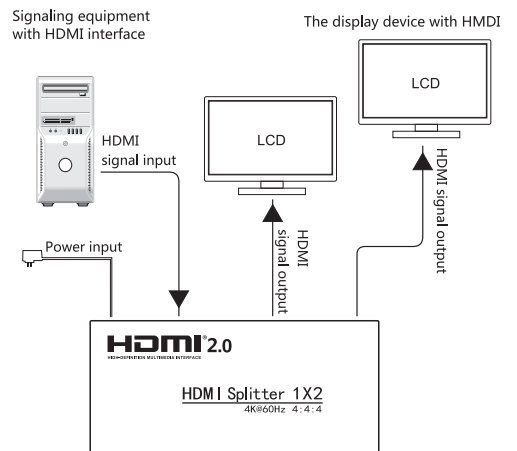


- ①Power In
- ②HDMI Input
- ③HDMI Output
- ④HDMI output indicator
- ⑤Power indicator
- ⑥EDID switch

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)



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 / outputAC 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 andreliable, 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.