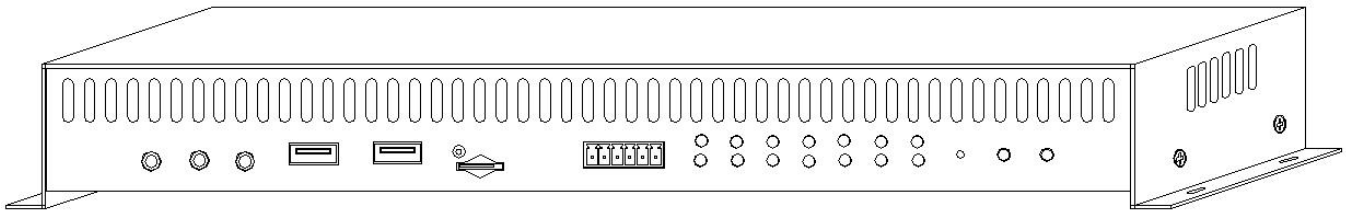


# User Manual

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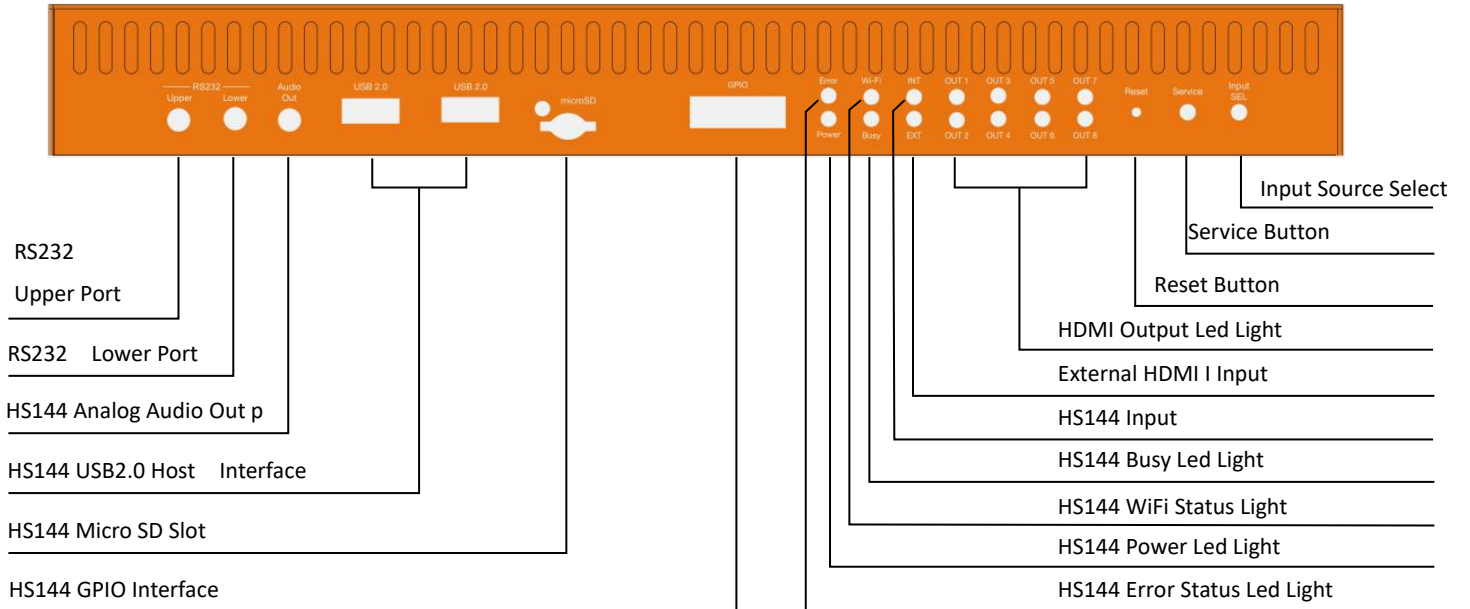
## HDMI2.0 X8 Splitter 1x8

Model NO: 662025

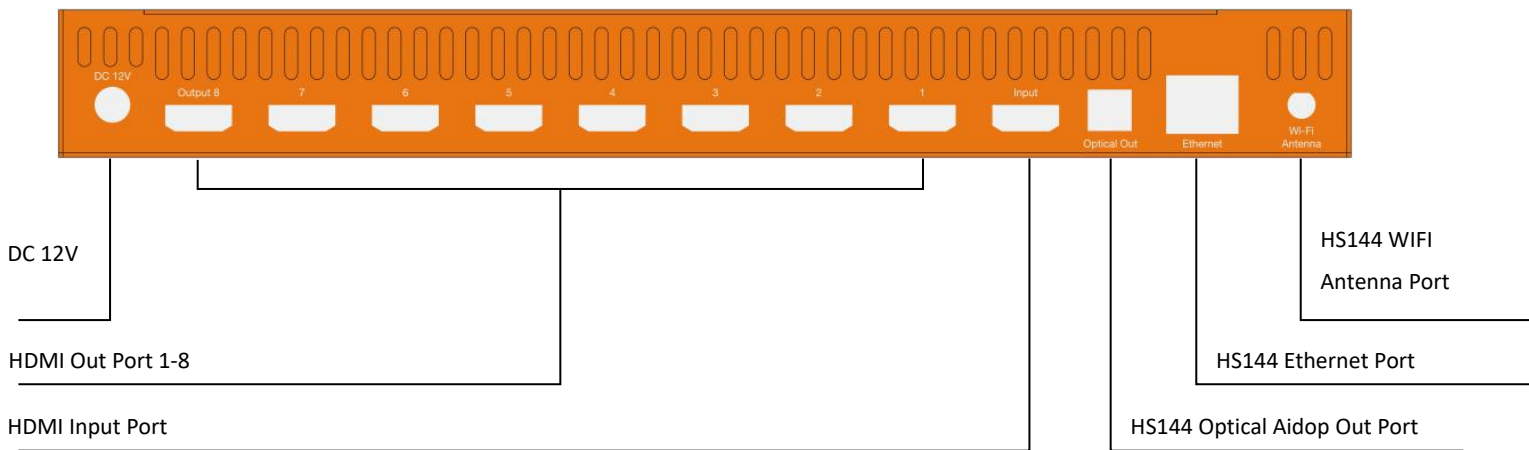


# Physical Port Showing Picture:

Picture 1.0 Front Panel



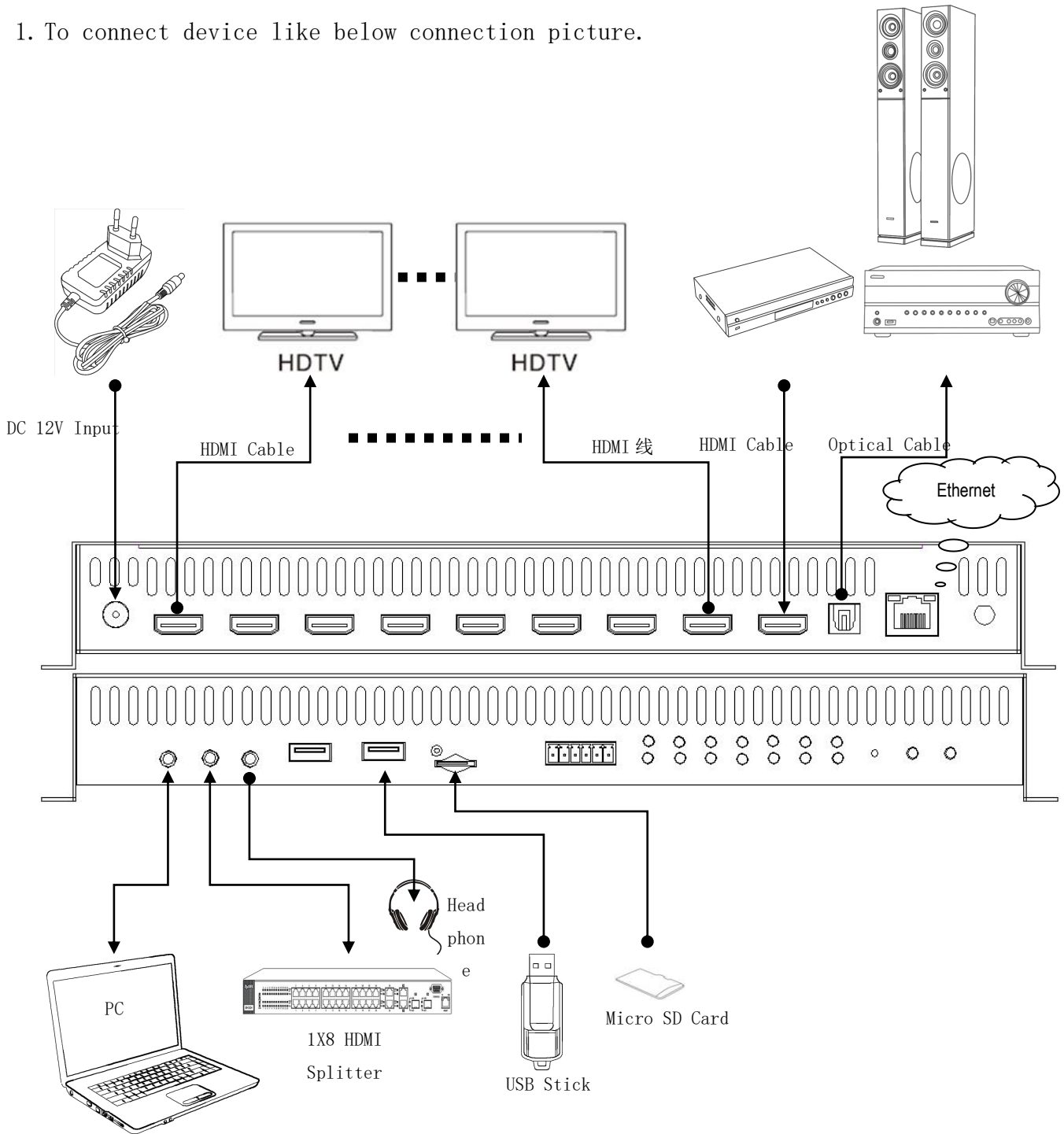
Picture 1.1 Back Panel



Notes: The panel port above that marked HS144 works only when the HS144 is chosen as the Input

## Connection and Operation Tips:

1. To connect device like below connection picture.



1.1 To use HDMI Cable to connect the HDMI Input port of the HDMI Splitter with the HDMI Input port of the HD Signal Source.

1.2 To use HDMI cable to connect the HDMI Output port of the HDMI Splitter with the HDMI Input port of the Display.

1.3 To insert the Micro-SD card or USB Stick that have installed HS144 start software to the slot.

1.4 To connect the power adaptor with the DC port and turn on the power supply.

## 2、Operation Tips

2.1 To turn on the power supply and choose the HS144 as input signal source default.

2.2 When the HDMI Output port have Display to connect successfully, the output Led Status Light will go bright. If the output signal is 4K signal, the Led Light will turn on green; if the output signal is not 4K signal, the LED light will turn on red.

### 2.3 “Scale Down” function introduction:

When use the 4K Signal as input, the Output 1 connect to 4K TV and the other Output connect to one HD TV, scale-down function only allow the 4K TV to output 4K signal and the HDTV will down output to 1080P signal.

All HDMI Output ports of the splitter can support the Scale Down feature.

### 2.4 RS232 Serial Communication Parameter Sheet:

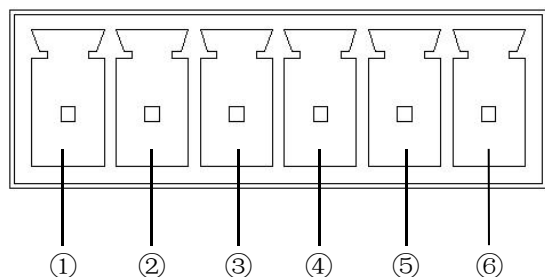
If user want to write his own control software, below are data format and baud rate setting.  
Com port setting:

Baud Rate:	9600 bps
Data bits:	8 bits
Parity:	None
Stop bits:	1 bit
Flow control:	None

More detailed info, you can refer to the RS232 operation document.

PIN	Define
①	GND
②	3V3

## 2.5 HS144 GPIO PIN Define:



③	GPIO0
④	GPIO1
⑤	GPIO2
⑥	GPIO3

The more details related with HS144, please refer to the HS144 operation document.

## Spec:

Model NO	HDSP0016M1
Product Name	HDMI 2.0 Splitter 1x8
Input Channel	One HDMI Input
Output Channel	Eight HDMI Output
HDMI Port Supported Resolution	480P/720P/1080P/2160P@24/30/50/60(支持 HDR/Dolby Vision)
Deep Color	8/10/12Bit@1080P 8bit@2160P
HDMI Supported Audio Format	Dolby HD/DTS HD/Dolby Atoms/Dolby AC3/DTS/LPCM 等
Bandwidth	25~600MHz
Baud Rate	0.75~18Gbps
HDMI Version	HDMI 1.4b/2.0b
HDCP Version	HDCP 1.4/2.2
Wi-Fi Working Frequency Range	BT:2.402~2.480 GHz Wi-Fi: 802.11bgn 2.400 ~ 2.4835 GHz/802.11a/ac 5.15 ~ 5.85 GHz
Wi-Fi Output Power	≤16 dBm@MCS0
Antenna Gain	2.4 ~ 2.5 GHz : 2 dBi 5.15 ~ 5.85GHz: 3 dBi

Input HDMI Cable Length	2160P/AWG 26 ≤5m; 1080P/AWG 26 ≤10m
Output HDMI Cable Length	2160P/AWG 26 ≤8m; 1080P/AWG 26 ≤12m
Power Adaptor Spec	AC 100~240V/DC 12V/3A
Max Working Current	1A (No connect with USB External Device)
Working Temperature	-5~ +40°C
Working Humidity	5 to 85%RH (No Condensation)
Store Temperature	-15 to 55°C
Store Humidity	5 ~95%RH(No Condensation)
Size	322.4x136.2x40 (mm)
Weight	1010g (Include Wi-Fi Module and Antenna)
Package Content	Device, Power Adaptor

#### FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. such modifications could void the user's authority to operate this equipment.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

The distance between user and products should be no less than 20cm.