

DS4-8

1 input 2 outputs

DVI distributorx4

User Manual



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Chapter1 Safety Precautions



Danger

There is high voltage in the device, to prevent any unexpected hazard, unless you are maintenance, please do not open the cover of the device.



Warning

1. This device shall not encounter water sprinkle or splash, please do not place anything containing water on this device.
2. To prevent fire, keep this device far from any fire source.
3. If this device gives out any strange noise, smoke or smell, please immediately unplug the power cord from receptacle, and contact local dealer.
4. **Signal cables are not hot swap.**



Caution

1. Please thoroughly read this manual before using this device, and keep it well for future reference.
2. In the event of lighting or when you are not going to use the device for a long time, please pull the power plug out of receptacle.
3. To prevent equipment damage or electric shock, please don't fill in anything in the vent of the device.
4. Do not place the device near any water source or anywhere damp.
5. Do not place the device near any radiator or anywhere under high temperature.
6. To prevent rupture or damage of power cords, please handle and keep them properly.
7. Please immediately unplug power cord and have the device repaired, when
 - 1) Liquid splashes to the device.



- 2) The device is dropped down or cabinet is damaged.
- 3) Obvious malpractice is found or performance degrades.

Chapter2 Item List

Please unpack the product carefully, then check whether all the following things are included in the package. If anything is found missing, please contact the dealer.

Standard accessories

The accessories supplied with this DVI distributor may differ from the figures contained in the User's Manual, but they are applicable for the regions where you live.

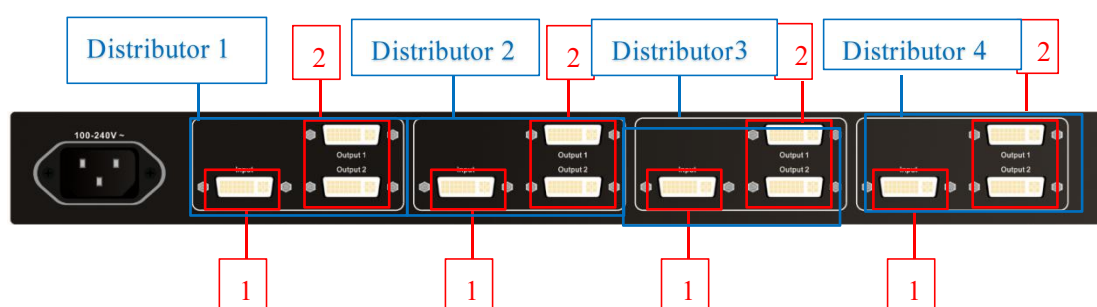
		
1.5m power cord * 1	0.5m DVI cable * 4	User manual * 1

Chapter3 Product Introduction

DS4-8 is DVI distributor which supports any Ultra high definition DVI input under 165MHz dot frequency. DS4-8 includes 4 pcs 1 input 2 output DVI distributor and can provides a stable and reliable DVI signal for the dual transmitter card cascade. It is very suitable for using with VDWall LVP8601, LVP909 and other mosaic devices. Each DVI input of DS4-8 includes DVI EDID which can be used for DVI signal distribution of graphic card.

Chapter4 Hardware Connections

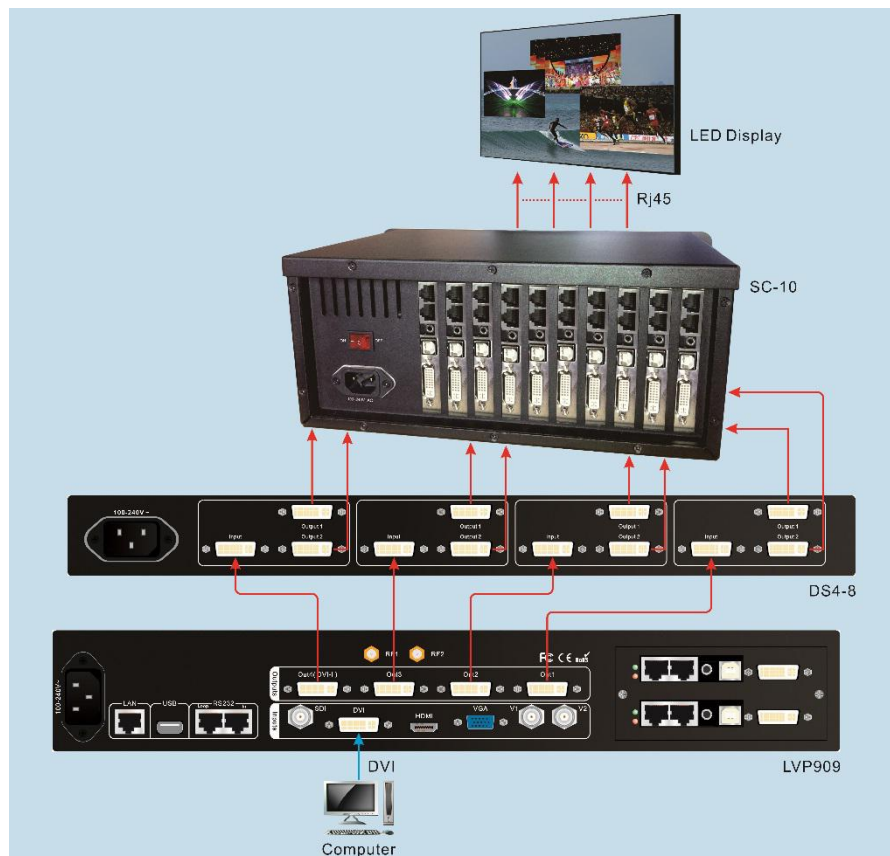
4-1 Rear panel buttons schematic



Pic 4-1 rear panel buttons schematic

- ① DVI input port ② 2 DVI output ports

4-2 Typical Application Connection Diagram

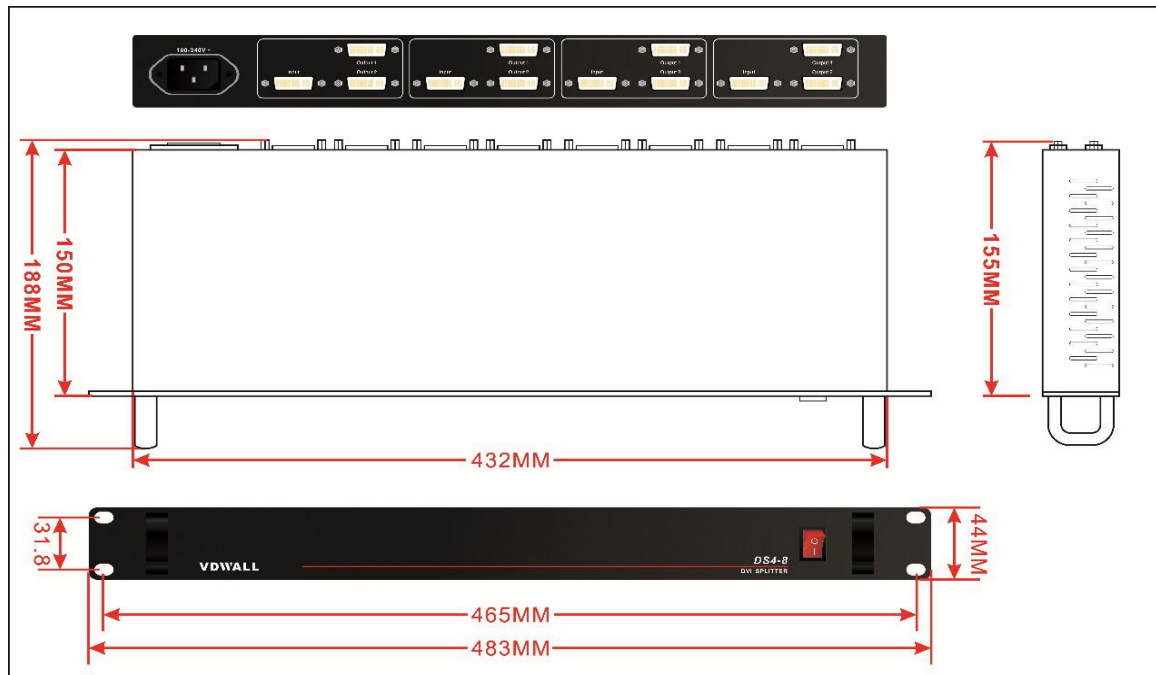


Pic 4-2 Typical Application Connection Diagram

4-3 Specifications

Inputs		
number / type	4×DVI (VESA)	
DVI format	PC (VESA standard)	Dot frequency < 165MHz
Input connectors	DVI: 24+5 DVI_I	
Signal Amplitude Impedance	TMDS= 0.5 V (p_p) / 75Ω	
DVI EDID format	640x480_60/72/75	1280x1024_60/75
	800x600_60/72/75	1366x768_60
	1024x768_60/70/75	1440x900_60
	1152x870_75	1600x1200_60
	1280x720_60	1680x1050_60
	1280x800_60	1920x1080_50/60
	1280x960_60	1920x1200_60
Outputs		
number / type	8×DVI	
DVI format	PC (VESA standard)	Dot frequency < 165MHz
Output connector	DVI OUT: 24+5 DVI_I	
Others		
input voltage	100-240VAC 50/60Hz	
Power consumption	≤15W	
Environment Temperature	0-45 °C	
Environment Humidity	15-85%	
Size	483(L)X150(W)X44 (H) mm	
Weight	G.W.: Kg, N.W.: 1.9Kg	

4-4 Product Dimensions



Pic 4-4 product dimensions