

HDMI 2X2 VIDEO WALL CONTROLLER (1080P@60HZ) (ER2630VW)



Introduction

This product is a 1-in-4-out video wall controller, supports one HDMI source input and four HDMI outputs. Supports 1x1/1x2/1x3/1x4/2x2/2x1/3x1/4x1 splicing modes, which can be set by RS-232 or dip switch control, allowing you to tailor the display of the video wall to your requirements. The product can flexibly adapt to different installation requirements, which can be widely used in security monitoring, rail transit, broadcasting, smart cities, home theatre, training and other fields.

Features

- Supports 1 HDMI signal input and 4 HDMI signal output.
- Support up to 1920x1200@60Hz resolution, downwards compatible.
- Support a variety of splicing modes, such as 1x1/1x2/1x3/1x4/2x2, etc.
- Support dip switch switching splicing mode.
- Support RS-232 control instruction to set splicing mode.
- Support 3.5mm left/right channel audio output.
- Supports 180-degree rotation of HDMI1/2 display image in 2x2 mode (when upper displays installed upside down).
- Firmware upgrading via micro USB port.
- Lightning protection, surge protection, ESD protection.
- Plug and play, no need to install drivers. Users can quickly set up their video wall without any hassle.

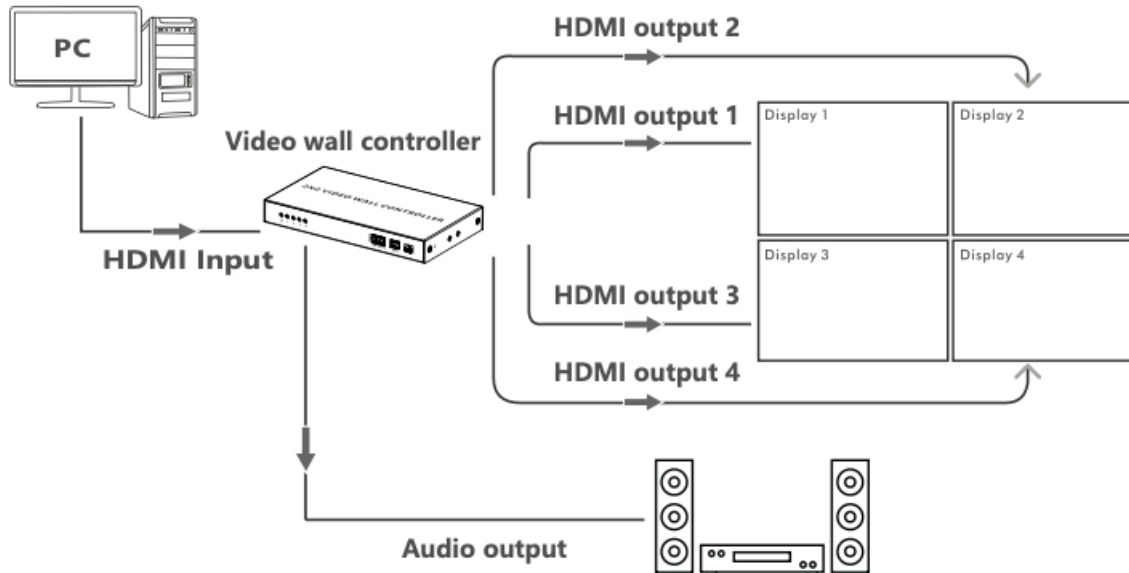
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Specifications

Brand	EIRA	
SKU	ER2630VW	
Product Name	HDMI 2X2 VIDEO WALL CONTROLLER (1080P@60HZ)	
Video signal	HDMI Input	1x HDMI
	HDMI Output	4x HDMI
	Compatibility	HDMI 1.4
		HDCP 1.4
Resolutions	1080p@50/60Hz, 720p@50/60Hz, 576p@50Hz, 480p@60Hz, 1920x1200, 1280x960, 1280x800, 1280x768, 1680x1050, 1360x768, 1366x768, 1600x900, 1024x768, 800x600	
Audio signal	3.5mm Output	PCM
	HDMI Output	PCM
Splice Settings	Mode	1x1/1x2/1x3/1x4/2x2/2x1/3x1/4x1
	DIP Switch	
	RS-232 (GND/RxD/TxD)	Default Baud Rate : 9600 Only when the DIP switch is set to 111, mode switching can be performed via RS-232
Power	Power Supply	DC5V/1A
	Power Consumption	<4W
Operating Environment	Working temperature	-20°C~60°C
	Storage temperature	-30°C~70°C
	Humidity	0~90%RH (No condensation)
Physical Properties	Housing	Iron
	Weight	280 gm
	Colour	Black
	Dimensions	151.5(L)*86.5(W)*20.0(H)mm
Protection	ESD protection	
	1a Contact discharge level 2 (±4KV)	
	1b Air discharge level 3 (±8KV)	
	Implementation of the standard: IEC61000-4-2	
Lightning protection, Surge protection		

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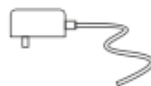
Connection



Package Contents



Controller x1



Power Adapter
5V/1A x1



User manual x1



Mounting ear
x2



Screw x6



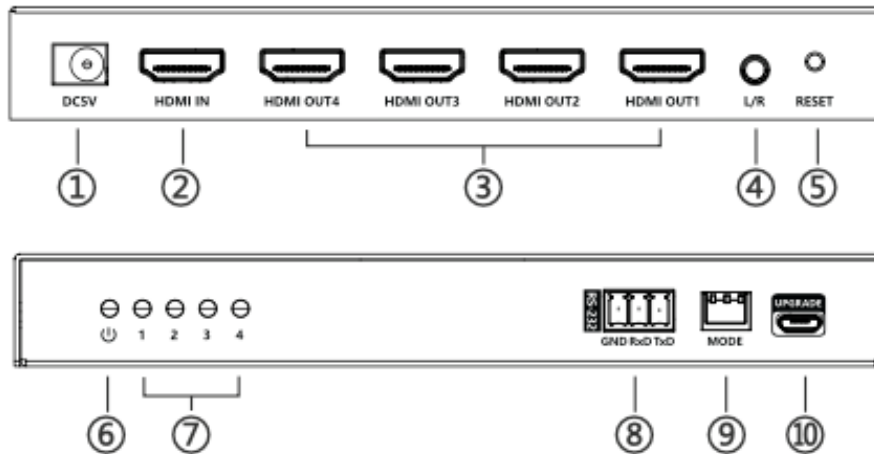
Grounding
screw x1



Terminal Block
x1

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Panel Description



①	DC5V Power input	Connect with DC 5V/1A power adapter
②	HDMI signal input	Connect HDMI signal source
③	HDMI signal output x4	Connect with HDMI splicing display devices
④	L/R audio output	Separate output of HDMI signal source audio
⑤	Reset	1) Press to restart 2) Press and hold for 5 seconds to restore the factory settings, and then let go when the power indicator flashes
⑥	Power light	1) Steady on: The power is on 2) Slow flash: The transmitter and the receiver are connected but no video data transmission 3) Quick flash: The factory settings have been restored
⑦	HDMI signal light x4	Corresponding to 4 HDMI outputs respectively, the indicator light of normal signal transmission is always on
⑧	RS-232	Connect the computer for command control Baud rate: 9600, Only when the dip switch is set to '111', the mode can be switched through RS-232
⑨	Mode switch	Switch splicing mode
⑩	Micro-USB port	Used for device firmware upgrading