

Model Number 18247 4K@60Hz 2x2 Video Wall Controller

Description:

This product is a 4K@60Hz 1-in-4-out video wall controller, supports one HDMI source input and four HDMI outputs. Supports 1x2/1x3/1x4/2x2 splicing modes, which can be set by RS-232 or dip switch. 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 one 4096x2160@60Hz resolution HDMI signal input and four 1080P resolution HDMI signal output.
- Supports a variety of splicing modes, such as 1x2/1x3/1x4/2x2, etc.
- Supports dip switch switching splicing mode.
- Supports RS-232 control instruction to set splicing mode.
- Supports 3.5mm left/right channel audio output.
- Supports 180-degree rotation of HDMI1/2 display image in 2x2 mode (when the 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.

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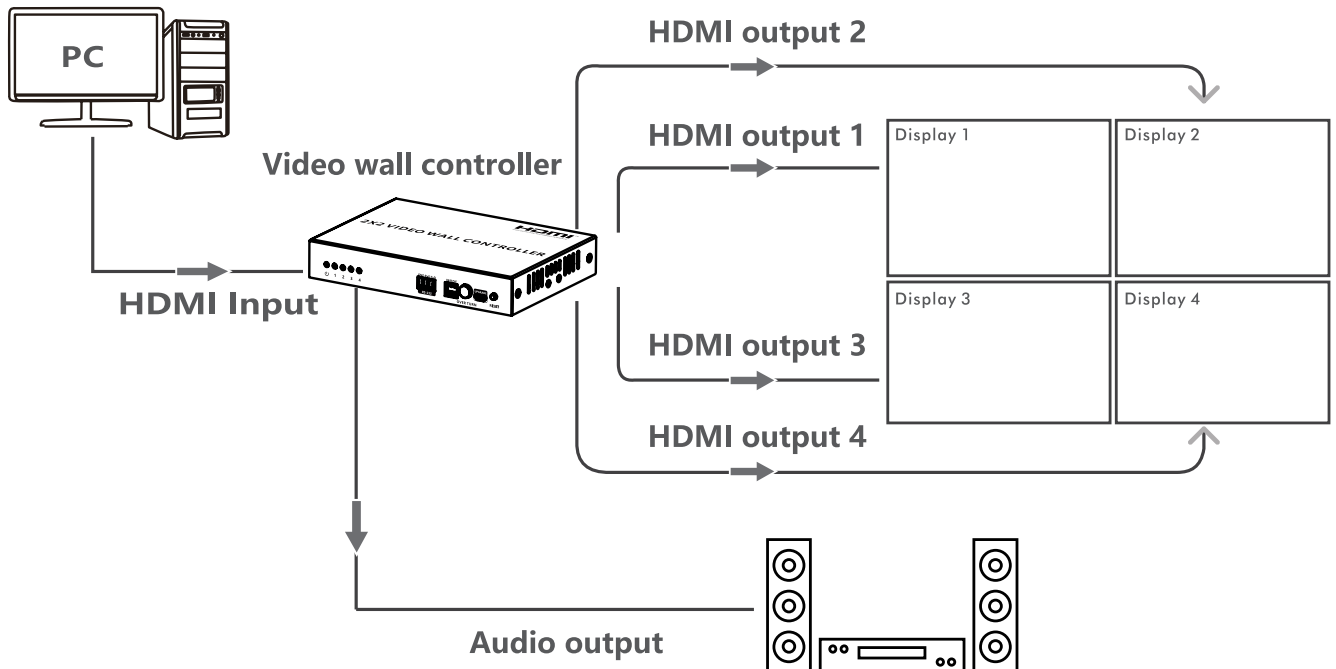


Specifications:

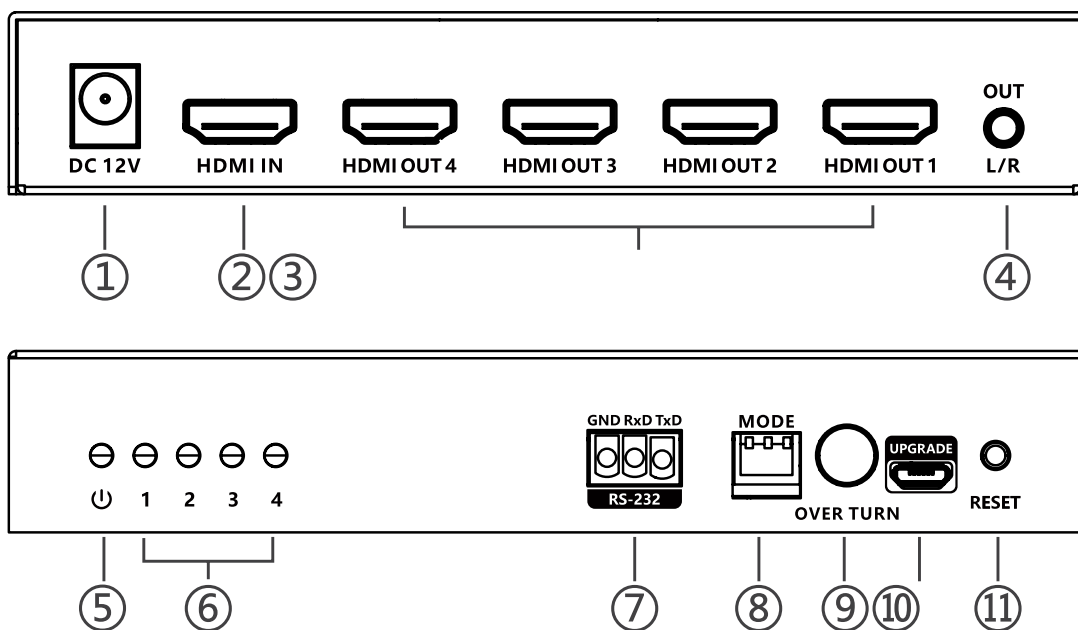
Item		4K@60Hz 2x2 Video Wall Controller
Video signal	Model	18247
	HDMI Input	1x HDMI
	HDMI Output	4x HDMI
	Compatibility	HDMI 2.0
		HDCP 1.4/HDCP 2.0
Resolutions	Input: 4096x2160@24/25/30/50/60Hz · 3840x2160@24/25/30/50/60Hz · 3440x1440@60Hz · 2560x1600@60Hz · 2560x1440@60Hz · 2560x1080@60Hz · 1920x1200@60Hz Output: When the mode is 000/001/010, the maximum output is 1080P@30Hz; other modes have a maximum output of 1080P@60Hz.	
Video signal	3.5mm Output	LPCM 2.0
	HDMI Output	HDMI Output Dolby Digital 5.1CH /DTS 5.1CH/LPCM 2.0
Splice Settings	Mode	1x2/1x3/1x4/2x2
	DIP Switch	
	RS-232 (GND/RxD/TxD)	Default baud rate: 9600 Only when the dip switch is set to '111' can the splicing mode be switched by RS-232 instruction

Item		4K@60Hz 2x2 Video Wall Controller
Power	Power Supply	DC12V/2A
	Power Consumption	< 8W
Operating Environment	Storage temperature	-30°C~70°C
	Humidity	0~90%RH (No condensation)
Physical Properties	Housing	Iron
	Weight	509g
Physical Properties	Color	Black
	Dimensions	148.5(L)*103.0(W)*25.0(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	

Wire:



Panel Description



①	DC12V Power input	Connect with DC 12V/2A 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	Power light	1) Steady on: The power is on, and stable signal input 2) Slow flash: No HDMI signal transmission 3) Quick flash: The factory settings have been restored
⑥	HDMI signal light x4	Corresponding to 4 HDMI outputs respectively, the indicator light of normal signal transmission is always on
⑦	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
⑧	Mode switch	Switch splicing mode
⑨	Over turn button	Image rotation in 2x2 mode. Controlled by a button; press once to flip, then again to restore, control cycling with memory function.
⑩	Micro-USB port	Used for device firmware upgrading
⑪	Reset	1) Press to restart the video wall controller; 2) Press and hold for 5 seconds to restore factory settings (wait until the power indicator is quick flashing to release)