

G24-HDMI

Video Wall Controller



Features

- Two HDMI 2.0 inputs with embedded audio
- Four HDMI 2.0 outputs with embedded audio
- Each input and output support resolutions up to 4K@60Hz 4:4:4
- Support up and down scaling on each output
- Support 180° rotation
- Support PIP on video wall
- Support 2 channels HDMI loop out
- Support daisy chain
- Balanced analog audio output
- L/R analog audio output
- Toslink digital audio outputs
- Support audio embedded and de-embedded
- Support Bezel Compensation
- Support CEC management
- Support EDID management
- Custom pre-set layouts
- HDCP compliant
- Support adjusting display settings such as contrast and saturation remotely
- Controllable via IP/serial port

Overview

The G24 HDMI version of video wall controller accepts up to 2 HDMI inputs and displays them on 4 different displays, each with a resolution up to 4K@60fps 4:4:4. G24 not only allows the user to display a single input across all four screens, but also to display different input videos onto different screens working like a matrix switcher.

G24 is able to rotate the output 180 degree which enables users to form a narrow bezel video wall with low-cost stand TVs like the video wall above.

The G24 Controller can be easily configured via IP/serial port connection to a Windows based PC, running the management software, or through 3rd party controllers. The Windows based software provides a user-friendly GUI, greatly simplifying the system configuration. G24 controllers can run standalone without the connection to the control PC, once configured.

Specifications

Dimensions(W*D*H) (mm)	218mm (W)×146mm (D)×43mm (H)
Input Resolution	Up to 3840 x 2160@60fps 4:4:4
Input Format	HDMI2.0
Output Resolution	Up to 3840 x 2160@60fps 4:4:4
Output Format	HDMI2.0
RS232 Settings	Baud rate: 57600, data bit: 8, Stop bit: 1, no parity
Analog Audio Output Interface	5-way Phoenix connectors
Digital Audio Output Interface	Mini Toslink jackets
Audio Format	2.0 channel, 5.1 channel, LPCM, Dolby, AC3, DTS
HDCP	HDCP 2.2
Power Supply	12V/3A
Video Wall Capabilities	Yes
Weight	2.1 kg
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%-90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing
Control Interface	10/100/1000M Ethernet Port or RS232
Max Power Consumption	25W
Warranty	2 years

Models

Models	Input		Output	
	Connector	Format	Connector	Format
G24-HDMI	HDMI A	HDMI 2.0	HDMI A	HDMI 2.0

System Diagram

