G44-HDMI
Video Wall Controller

Features

- Four HDMI 2.0 with embedded audio
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- Each input and output support resolutions up to 4K@60Hz 4:4:4
- Four analog audio inputs
- Four analog audio outputs
- Four digital audio outputs
- Independent 8x8 IR Matrix
- Support audio embedded and de-embedded
- Support video wall function
- Support presentation switching function
- Support seamless matrix switching function
- Support CEC management
- Support EDID management
- Custom pre-set layouts for both Matrix and Video Wall Modes
- HDCP compliant
- Customizable OSD
- Exporting and Importing OSD Settings
- Adjust Display settings such as Contrast and Saturation remotely
- Controllable via IP/serial port
- Controllable via front panel buttons
- Adjust the position of the screen remotely

Overview

The G44 HDMI version of video wall controller accepts up to 4 HDMI inputs and displays them on 4 different displays, each with a resolution up to 4K@60fps 4:4:4. G44 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.

In addition to the video wall and matrix switching capabilities, the G44 can act as a presentation switcher as well – enabling the user to assign audio from any of the 4 embedded digital audio inputs or 4 analog audio inputs to any of the outputs. This makes the G44 a great solution not only for digital signage, broadcasting and security, but also for meeting and conference room.

The G44 Controller can be easily configured via IP/serial port connection to a Windows based PC, running the management software, from the front panel of the unit, or through 3rd party controllers. The Windows based software provides a user-friendly GUI, greatly simplifying the system configuration. G44 controllers can run standalone without the connection to the control PC, once configured.

Specifications

Dimensions(W*D*H) (mm)	480mm x 245mm x 44.55mm 1U
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
IR Port	3.5mm Jack
Analog Audio Output Interface	5-way Phoenix connectors
Digital Audio Output Interface	Mini Toslink jackets
Analog Audio Input Interface	3-way Phoenix connectors
HDCP	Yes
Power Supply	110-240VAC
Video Wall Capabilities	Yes
Remotely Fine Tune Settings	Yes
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	60W
Warranty	2 years

Models

Models	Input		Output	
	Connector	Format	Connector	Format
G44-HDMI	HDMI A	HDMI 2.0	HDMI A	HDMI 2.0

System Diagram