G88
Video Wall Controller

4K60 4:4:4

HDMI 2.0

EDID Management

Features

- 8 HDMI 2.0 inputs with embedded audio
- 8 HDMI 2.0 outputs with embedded audio
- Supports up to 4K60 4:4:4 inputs
- Supports up to 4K60 4:4:4 outputs
- 8 analog audio inputs and outputs
- Supports audio embedding for outputs
- Supports audio de-embedding for inputs
- Independent 8x8 IR Matrix
- Supports video wall capabilities
- Supports picture in picture effect on video wall
- Supports scaling on outputs
- Supports presentation switching capabilities
- Custom pre-set layouts for both matrix and video wall modes
- Supports seamless switching
- HDCP compliant
- EDID management on each input/output
- Adjust Display settings such as Contrast and Saturation remotely
- Controllable via IP/serial port
- Controllable via front panel buttons

Overview

The G88 video wall controller accepts up to 8 HDMI inputs and displays them on 8 different displays, each with a resolution up to 4K@60fps. G88 not only allows the user to display a single input across all eight 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 G88 can act as a presentation switcher as well – enabling the user to assign audio from the embedded digital audio input or analog audio input to the output. This makes the G88 a great solution not only for digital signage, broadcasting and security, but also for meeting and conference room.

The G88 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. G88 controllers can run standalone without the connection to the control PC, once configured.

Specifications

Dimensions(W*D*H) (mm)	480mm x 320mm x 44.55mm 1U
Input Resolution	Up to 4K@60fps 4:4:4
Input Format	HDMI 2.0
Output Resolution	Up to 4K@60fps 4:4:4
Output Format	HDMI 2.0
Analog Audio Output Interface	3.5mm Jack L/R
Analog Audio Input Interface	3.5mm Jack L/R
IR in	3.5mm Jack
IR out	3.5mm Jack
HDCP	Yes
Power Supply	AC 100V to 240V, ~50/60Hz
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/Front Panel buttons
Warranty	2 years

Models

Models	Input		Output	
	Connector	Format	Connector	Format
G88-HDMI	HDMI Type A	HDMI 2.0	HDMI Type A	HDMI 2.0

System Diagram