

G44

Video Wall Controller



Features

- Four DVI-I inputs with embedded audio
- Four DVI-I outputs with embedded audio
- Supports both analog and digital inputs/outputs
- Four analog audio inputs
- Four analog audio outputs
- Supports video wall capabilities
- Custom pre-set layouts for both Matrix and Video Wall Modes
- HDCP compliant
- Customizable OSD
- Exporting and Importing OSD Settings
- Presentation Switching capabilities
- Supports audio
- Fanless design
- Each Output supports resolutions up to 1080p Full HD and 1920x1080p60Hz
- 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
- Lockable power supply
- Supports both Progressive and Interlaced video signal

Overview

The G44 video wall controller accepts up to 4 HDMI/DVI/VGA/CVBS/YPbPr inputs and displays them on 4 different displays, each with a resolution up to 1080p@60fps. 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 1080p@60fps
Input Format	DVI 1.0 / HDMI 1.3 / VGA / CVBS / YPbPr with embedded audio
Output resolution	Up to 1080p@60fps
Output Format	DVI 1.0 / HDMI 1.3 / VGA / CVBS / YPbPr with embedded audio
Analog Audio Output Interface	3.5mm Captive Screw Connector
Analog Audio Input Interface	3.5mm Captive Screw Connector
HDCP	Yes
Power supply	12V DC / 3A power adapter (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
Cooling	Passive cooling/Fanless
Warranty	2 years

Models

Models	Input		Output	
	Connector	Format	Connector	Format
G44-DVI	DVI-I	DVI 1.0 / HDMI 1.3 / VGA / YPbPr / CVBS	DVI-I	DVI 1.0 / HDMI 1.3 / VGA / YPbPr / CVBS

System Diagram

