

G44-DVI

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

