

G416

4K Video Wall Controller



Overview

The G416 is a high-performance HDMI 2.0 video wall controller. It can not only be used as a video wall controller but also as a seamless matrix switcher with 4 4K@60 inputs and 16 4K@60 outputs.

In addition to the video wall and matrix switching capabilities, the G416 supports multiview on both on the single display or video wall with up to 4 windows simultaneously. This makes the G416 a great solution not only for digital signage, broadcasting and security, but also for meeting and conference room.

The G416 video wall 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. G416 controllers can run standalone without the connection to the control PC, once configured.

Key Features

- Support video wall with up to 16 screens
- Support seamless switching between different input sources
- Support multiview with up to 4 windows simultaneously
- Support sync mode and sync delay mode for different types of displays
- Supports 180° rotation function
- 4 Inputs and 16 Outputs : HDMI 2.0, up to 3840x2160/4096x2160@60Hz resolution
- Support customised output resolution
- Support one break away audio extractor and switcher
- Provide multiple control ports: front panel buttons, remote control, RS232, network and WebGui control
- Supports up to 4K and HDCP 2.2 compliant.
- Supports controllable via network, RS232, remote control, and front panel buttons
- Supports customised preset layouts

Specifications

Dimensions(W*D*H) (mm)	430 x 220 x 44
Input Resolution	4K@60 4:4:4
Input Ports	4 x HDMI 2.0
Output Resolution	4K@60 4:4:4
Output Ports	16 x HDMI 2.0
HDCP	HDCP 2.2
Audio Output Interface	LR/Toslink (Spdif-Optical)
HDCP	HDCP 2.2
Power Supply	110-240AC
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	Ethernet port or RS232 or front panel or remote control
Warranty	2 years

Models

Models	Input		Output	
	Video	Audio	Video	Format
G416-HDMI	4 x HDMI 2.0	Embedded, LINE and MIC Audio Inputs	16 x HDMI 2.0	Embedded, Balanced Analog and Toslink Audio

System Diagram

