

High-End

Video Wall Controller



AIO FPGA VIDEOWALL CONTROLLER



Hardware Based Design

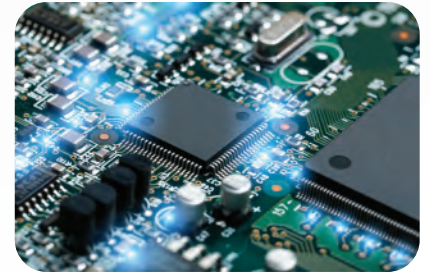
High performance video processing equipment with hardware architecture design.

- ★ No more computer high-end specification.
- ★ No more high-end Graphic Processing Unit (GPU Card).
- ★ No more licenses.
- ★ No more blue-screen OS crash.
- ★ No more viruses and black screen.
- ★ No more ransomwares, lost data.
- ★ Support up to 92 input x 72 output or 88 input x 60 output

FPGA Dedicated Chipset

Dedicated Field Programmable Gate Array (FPGA) chipset is a combination of processing unit that dedicated in video processing. This eliminated the limitation of a CPU or a GPU from conventional Software or PC controller.

Without the use of PCI - Express card, the unit can work flawlessly when adding or editing the total layout of the videowall set up. As each of the FPGA chip is working independently, user can replace or add new input / output card without turning off the whole chassis.



Module design with Hot Swap

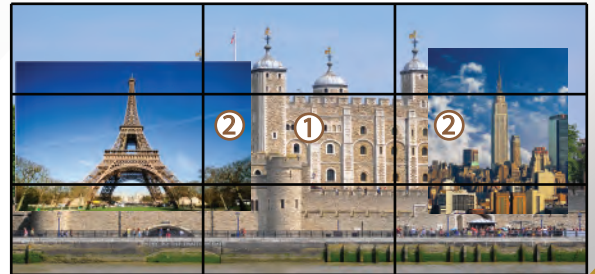
Multiple form of connections for client to custom fit their system. Client can now combine HDMI - DVI - VGA - HDBaseT - IP Streaming in one total solution, maximizing system integration.

Reduce the total cost of investment in both pre & post phase of expansion. Chassis also support control multiple videowalls, further simplify the complexity of connections and management.



Features

- High-end 2 Layers MPiP™ - Cross Screen
Support up to 2 Layers Matrix Picture in Picture (MPiP™) in each screen
- Easy control with Drag & Drop
Customize complex layout with simple Click - Drag - Drop
- High-end Video Wall Control
Support Overlap, Roaming
- Signal Preview on Software or Mobile Device
Support Input signal preview on software UI - Mobile Devices
*Support iOS and Android Mobile devices APP.



VIDEO WALL CONTROLLER - AIO Series 08 x 12 Cross Screens Video Wall

Features

- Pure Hardware Structure - FPGA
- All in One Design.
- Seamless Switching - Auto EDID
- Signal Preview (Optional)
- Mobile apps Support
- RS-232 in / out support
- Easy manage with TCP/IP
- Independent 2 Layers signal
- Multiple Video Wall control



SPECIFICATION

Chassis size	1.5U	HDCP	Support 1.3 / 1.4 / 2.2
Max. Data Rate	15.2 Gbps (3.8Gbps per Lane)	EDID	Auto - Program
Input Interface Port	8	Resolution Input	1920 x 1200 @ 60 Hz -8 Bit RGBA
Output Interface Port	12	Resolution Output	1920 x 1200 @ 60 Hz-8 Bit RGBA
Interface Support	HDMI	Multiple Layers	Support - 2 Layers MPiP™
Control	IP / RS-232 / Mobile (Option)	Power Supply	100 ~ 240V, 50-60 Hz
		Temp / Humid	-20°C ~ + 70°C / 10% ~ 90%

