

High-End

Video Wall Controller



MULTIPLE LAYERS FPGA VIDEOWALL CONTROLLER



Hardware Based Design

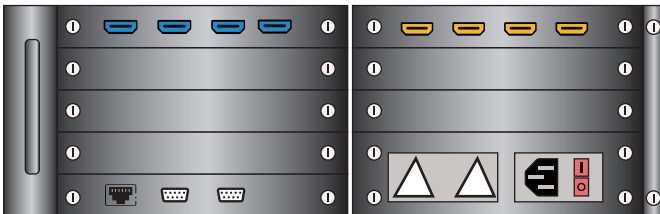
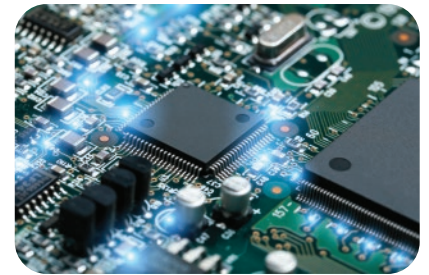
High performance video processing equipment with hardware architecture design.

- ★ 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.

FPGA Dedicated Chipset

Dedicated Field Programmable Gate Array (FPGA - Tritium™ 2ndgen - 2280 Gbps) chipset is a combination of processing unit that dedicated in video signal. This eliminated the limitation of a CPU or a GPU from conventional Software or PC controller. The unit supports 24/7 working time with over 60,000 hours MTBF.

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 for IT Rack (19").

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 4 up to *8 Layers MPiP™ - Cross Screen

Support 4 Layers MPiP™, up to *8 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, Stretching, Zoom in / out.

● Front Panel Touch Screen

Control scene mode, save / recall profile (up to 32), IP setting with just a touch

● IP Camera Direct Stream (iDirect Stream™)

IP input Card can support streaming video feed direct from IP CCTV Cameras.

● Background Image - Scrolling Text - Scheduling

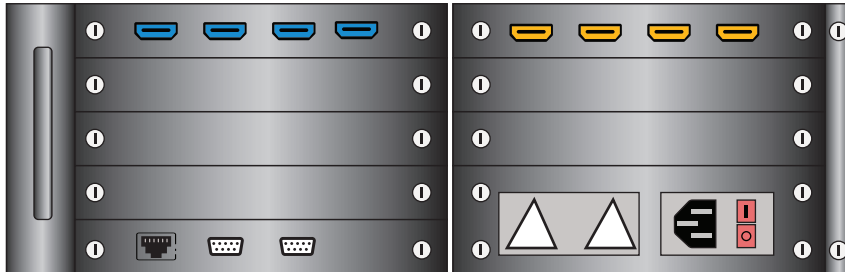
Support Static Background Image and Scrolling Text for Bank and Stock house Video Wall
Support scene mode Scheduling - Cycle for advertising - digital signage Video Wall

● WEB GUI control (Opt)

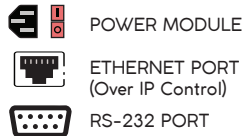
Control the video wall controller directly from TCP/IP without the need of installing any software



VIDEO WALL CONTROLLER
04 x 04 Cross Screens Video Wall



ACVW4-0404 : 2.5U chassis



ACVW4-0404	
INPUT PORT	4
OUTPUT PORT	4

INPUT

CONNECTION
DIAGRAM

OUTPUT

