4K - UHD

Video Wall Controller
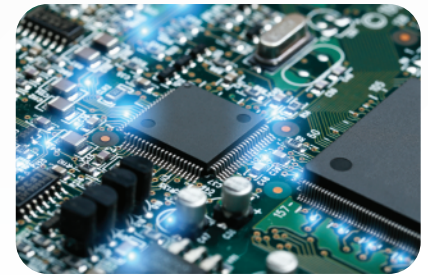
ANGUSTOS

Hardware Based Design

High performance video processing equipment with ⭐ hardware architecture design.

No more computer high-end specification. ⭐
No more high-end 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 72 input x 72 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 to customize their system.

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 total cost of investment in both pre/post phase of expansion. Chassis also support control over Remote control, TCP/IP, RS-232 & button, further simplify the complexity of connections and management.

Features

● **Modular design - Mix and Match**

8 x 8 up to 72 x 72 input x output slot with mixing ports

● **Easy control with Drag & Drop**

Customize complex layout with simple Click - Drag - Drop

● **4K Video Wall with Flexible set up**

Support DVI-I / HDMI / 3G-SDI / HDBaseT / VGA
Support resolution up to 4K@3OHz for both input / output (HDMI-4K)

● **Seamless Switching**

5ms seamless switching between signal sources. No blank or flicker.

● **Specialized video setting - Quatro Vision™**

Multi-view with 4 video sources in each display

● **Audio Channel**

HDMI / SDI / HDBase-T ports support embedded audio

● **Advance Matrix / Videowall controller**

Auto detect input status, controller status, EDID management, redundant power supply

Full-HD /4K HDMI I/O Card

DVI I/O Card
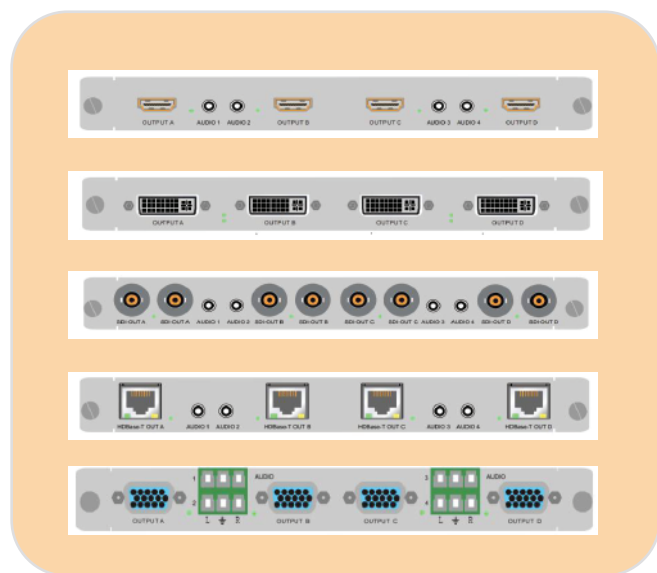
HDBase-T I/O Card

VGA / YPbPr I/O Card

SDI I/O Card

4K UHD MATRIX - VIDEO WALL CONTROLLER WITH MULTIVIEWER- AMC4 Series CARDS

Features

- Compatible with the AMC4 Modular Matrix Switches
- 4K Resolutions support – up to 4096 x 2160 @ 60Hz
- Scaler – features a video scaling function
- Seamless - continuous video streams, real-time
- Video Wall – custom video wall layouts
- EDID Manager across different screens
- Audio-embeded, HDMI audio can be extracted
- HDMI (3D, Deep Color, 4K); HDCP 1.4 Compatible
- Consumer Electronics Control (CEC) support
- Resolution Backward compatible

GENERAL SPECIFICATION

Model	AMC4-CO-4HK3	AMC4-CO-4D	AMC4-CO-4S	AMC4-CO-4HDK3	AMC4-CO-4V
Interface	HDMI x 4	DVI x 4	SDI X4	HDBaseT (RJ45) X 4	VGA (DB15) x 4
Audio Interface	3.5mm Headphone Terminal	DVI1.0	3.5mm Headphone Terminal	3.5mm Headphone Terminal	3.5mm Phoenix Terminal
Format Standard	HDMI 1.4b , HDCP 1.4	DVI-I, 24+5 female	HD-SDI, 3G-SD	HDMI 1.4b, HDCP 1.4	RGB (Analogue)
Max. data rate	10.2Gbps	4.95Gbps	2.97Gbps	10.2Gbps	0.7Vp-p
Resolution	4K@30Hz	1920*1200@60Hz	1080P/60fps	4K@30Hz	1920*1200@60Hz

Model	AMC4-CIN-4HK3	AMC4-CIN-4D	AMC4-CIN-4S	AMC4-CIN-4HDK3	AMC4-CIN-4V
Interface	HDMI x 4	DVI x 4	SDI X4	HDBaseT (RJ45) X 4	VGA(YPbPR) x 4
Audio Loop Out	3.5mm Headphone Terminal	DVI1.0 specification	3.5mm Headphone Terminal	3.5mm Headphone Terminal	3.5mm Phoenix Terminal
Format Standard	HDMI 1.4b , HDCP 1.4	DVI-I, 24+5 female	EHD-SDI, 3G-SD	HDMI 1.4b, HDCP 1.4	RGB (Analogue)
Max. data rate	10.2Gbps	4.95Gbps	2.97Gbps	10.2Gbps	0.7Vp-p
Resolution	4K@30Hz	1920*1200@60Hz	1080P/60fps	4K@30Hz	1920*1200@60Hz

ENVIRONMENT SPECIFICATION

Operating Temperature	-20 - 70℃
Storage Temperature	-25 - 75℃
Operating Humidity	0-95% RH, Non-condensing
Storage Humidity	0-95% RH, Non-condensing