

# 4K - UHD

## Video Wall Controller



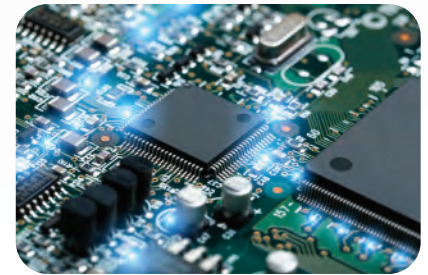
### 4K-UHD FPGA VIDEOWALL CONTROLLER



## Hardware Based Design

High performance video processing equipment with ★ hardware architecture design.

- No more computer high-end specification.★
- No more high-end GPU Card.★
- No more licenses.★
- No more blue-screen OS crash.★
- No more viruses and black screen.★
- No more ransoms, lost data.★
- Support up to 9 input x 9 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 multiple videowalls, further simplify the complexity of connections and management.

## Features

- **Modular design - Mix and Match**  
9 x Input Slot + 9 x Output Slot with a wide range of connections
- **Easy control with Drag & Drop**  
Customize complex layout with simple Click - Drag - Drop
- **4K Video Wall with Flexible set up**  
Support DVI-I / HDMI / 3GSDI / HDBaseT / Fiber connections. Support resolution up to 4K@60Hz for both input / output (HDMI)
- **Built-in Audio port**  
Support 3.5mm audio embedded and de-embedd function
- **Support dual control**  
Support dual LAN and RS232 ports for backup control. Mobile Apps support both Android / iOS
- **Scaling function**  
Support up/down scaling function via the DIP switch
- **Seamless Switching**  
Switching speed can reach 32Gbps



## VIDEO WALL CONTROLLER - M Series

### 09 x 09 Ultra HD Resolution - 4K@60Hz Video Wall

#### Features

- Pure Hardware Structure - FPGA
- Modular Design.
- Seamless Switching - Flex EDID
- Multiple format I/O Card
- Mobile apps Support
- RS-232 in / out support
- Easy manage with TCP/IP
- Drag&Drop with Preset support
- Multiple Video Wall control
- Support Auto save - recovery



#### SPECIFICATION

Chassis size	2U	HDCP	Support 1.3 / 1.4 / 2.2
Max. Data Rate	32 Gbps (12.5Gbps per Lane)	EDID	Auto - Program
Input Interface Port	9	HDMI protocol	Support up to HDMI 2.0
Output Interface Port	9	Resolution Input	480p up to 4K UHD @ 60 Hz
Interface Support	DVI-I / HDMI / 3GSDI / HDBaseT	Resolution Output	480p up to 4K UHD @ 60 Hz
	Optical Fiber / CVBS / YPbPr	Scaler	Support both up/down scaling
Control	IP / RS-232 / Mobile App (Option)	Power Supply	110 ~ 260V, 50-60 Hz
		Temp / Humid	-20°C ~ + 60°C / 0% ~ 95%

