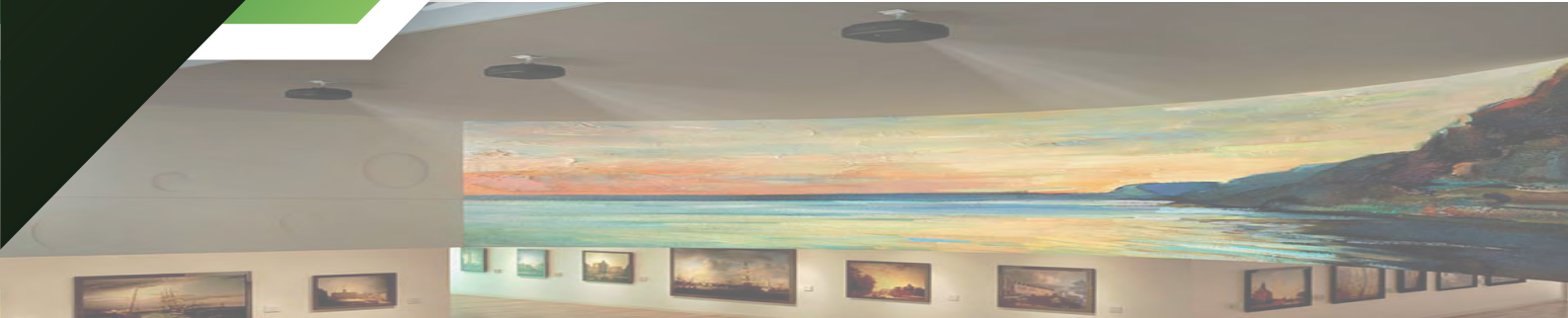


High-End

Edge Blending Controller



MULTIPLE LAYERS EDGE BLENDING CONTROLLER



Hardware Based Design

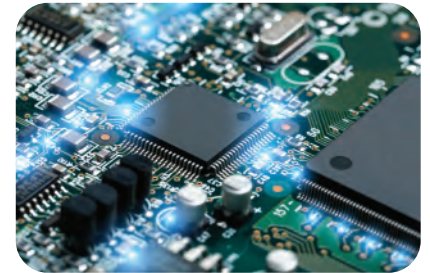
High performance video processing equipment with hardware architecture design.

- ★ 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) 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 projectors 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.



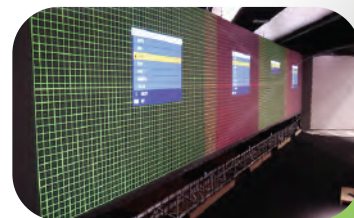
Features

- Flexible modular design and supports seamless switch.
- Support geometry alignment for any shape image.
- Support multiple channel video signal overlay and roaming.
- Multiple inputs: DVI, VGA, CVBS, HDMI, 3G- SDI, YPbPr, HDBase-T, DP, etc..
- Output support DVI, VGA, HDBase-T, etc..
- Optional active or passive stereoscopic 3D edge blending technologies.
- Support HD point-to-point background image display.
- 1 x N, N x 1, N x N layout.
- Support HDMI1.4 or DP high resolution input.
- Optional touch screen for quick control and swap scene modes.

Module design with Hot Swap

Multiple form of connections for client to custom fit their system. Client can now combine HDMI - DVI - VGA - SDi - CVBS 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.



EDGE BLENDING - A12 Series

Ultra HD 1 x 2 with HDMI Loop-out Edge Blending Controller

Features

- Pure hardware FPGA+DSP
- Standard 2 outputs and support unlimited cascading between devices.
- Input supports up to 1x 8K with loop
- 3.5mm audio output.
- Programmable EDID.
- Image 90 degrees or 270 degrees flip.
- Passive 3D display.
- Powerful image processing performance to make a clear text and bright image.
- Geometry alignment for flat, curved or spherical screen seamless edge blending.



SPECIFICATION

Chassis size	1U	Audio output	3.5mm independent audio loop output
Input	HDMI type A	Control	TCP IP - RJ45
Input Interface Port	1 x HDMI 1.4 with 1 x HDMI 1.4 Loop	Voltage	AC 110 ~ 240V, 50-60HZ
Input Resolution	3840x2160@30hz (backward compatible) 7680*1200 @30Hz (with extra card)	Consumption	50W
Output	2 x HDMI type A	Size	440 x 300 x 45mm
Output resolution	1920x1200@60hz (backward compatible)	Weight	2.4Kg
		Working Temp / Humid	0°C ~ + 60°C / 5% ~ 90%
		Storage Temp / Humid	-20°C ~ + 70°C / 0% ~ 90%

