



AC-VPX series Modular Video Wall Processor

AdvanceConnex VPX series is a high-performance video processing workstation with pure hardware architecture for spectacular video wall displaying which can be employed in fields of education and research, government announcement, information publishing, exhibition and show, controlling and commanding center, security monitoring, etc.

The powerful advanced image processing technologies enable high definition video signal collecting, real time and high-resolution digital image processing with employing large-capacity, high-speed FPGA and Crosspoint switch to ensure the real-time processing of all input signal and the consistency of the data, leading to no image delay, discretization, frame loss, which guarantee excellent video displaying.

Features:

- Rack mounted modular chassis
- Control console by RS232 or IP
- Support 4 windows on one screen
- Flexible modular slot configuration
- Supports scaling, mirroring, cross screen, picture in picture
- Modular input & output cards options with HDMI, DVI, VGA, & SDI
- Support resolution 1080p@60Hz, 1080i@60Hz, 720p@60Hz
- Bandwidth 10.2Gbps
- FPGA technology
- Group management function (Max 5 groups)
- Preview function (optional add on)

Specification:

Chassis model	AC-VPX-1000	AC-VPX-2000	AC-VPX-3000
Description	Video wall processor		
Slot number	8	18	36
Max Input	Up to 28 channels	Up to 68 channels	Up to 140 channels
Max Output	Up to 16 channels	Up to 36 channels	Up to 72 channels
Control	RS232, LAN		
Dimension	457 x 300 x 134(mm)	457 x 300 x 267(mm)	457 x 300x 533(mm)
Chassis	3U	6U	12U
Power	100VAC – 240VAC 50/60Hz		
Consumption	150W (No Cards Loaded)	275W (No Cards Loaded)	600W (No Cards Loaded)
Weight	5.0Kg (No Cards Loaded)	8.7Kg (No Cards Loaded)	16.5Kg (No Cards Loaded)
Work	0°C ~50°C		
Storage	-20°C ~55°C		

Input Card	HDMI	DVI	3GSDI	VGA	IP
Signal Type	HDMI	DVI	3GSDI	VGA	IP
Number	4	4	4	4	1
Protocol	HDMI1.3a	DVI1.0	SMPTE424M	VESA	H.264
Resolution	Up to 1080p60Hz	Up to 1080p60Hz	Up to 1080p60Hz	Up to 1920*1200@60Hz	Up to 1080p@60Hz

Output Card	HDMI	DVI	VGA
Signal Type	HDMI	DVI	VGA
Number	4	4	4
Protocol	HDMI1.3a	DVI1.0	VESA
Resolution	Up to 1080p60Hz	Up to 1080p60Hz	Up to 1920*1200@60Hz

Connection diagram:

