



DigiBird VWC2-B Series

Video Wall Controller

Introduction

VWC2-B is a hardware based and cost-effective video wall controller, which delivers real-time processing and ultimate reliability for mission critical situations.

It is the best choice to showcase your video content in a simple control room, meeting room or digital signage with its user friendly interface and easy deployment features.





Features

Visualization

The built-in preview feature allows preview of input sources and the video wall configuration in real time.

Reliable

Pure-hardware FPGA array. No embedded OS, designed for 24 x 7 mission critical working conditions.

Flexible layout

Flexible windowing supports arbitrary layout, scaling, stretching and picture in picture.

See more

Maximum 8x windows per display and 16x windows per video wall.

Compact

4x inputs and 4x outputs, 8x inputs and 8x outputs, 4x inputs and 12x outputs. Users just order what they need.

Quick reponse

Boot up in 15s, source switching response time less than 20ms, scenes recalling response time less than 16ms.

Easy to use & install

The intuitive user interface allows efficient reaction time and reduced learning cost.

Specification

Hardware Structure, no OS embeded	Yes
Parallel Processing Architecture	Yes
Real-time Preview	Default
Color Depth	24-bit
Chroma Subsampling	8-bit processing, 4:4:4
Input & Output Resolution	1920x 1200 @ 60Hz
Scale	4 x 4, 4 x 8, 8 x 8, 4 x 12
Physical Ports	HDMI Type A
Operating Temperature	-20 °C to 45 °C
Storage Temperature	-30 °C to 70 °C
Operating Humidity	10% to 85%, Non-condensing
Storage Humidity	10% to 90%, Non-condensing
Control	UDP, RS232
MTBF	100,000 hrs