

High Performance 4K@60 Video Wall Controller: VWC2-H4

VWC2-H4 Series hardware based video wall controller is launched to provide 4K experience with extreme reliability by DigiBird, to fulfill the rigorous demand of mission critical projects. With smooth and seamless processing capability, H4-series is widely used to build 4K video wall in various venues like control room, command center and data center.

Flexible Windowing: H4-series support display 4x windows (8x, 16x windows optional) on each display. Each window is capable of friendly roaming of all inputs over screens, overlaying, zooming and PIP on the video wall.

Scrolling Text: Without requirement of third-party CMS, the VWC2-H4 support to display scrolling text like notifications, emerging news or slogans on the video wall. Whereas text font, color, and scrolling speed can be defined as per user's discretion.

CMC: H4-series identify current output cabling between output port and display devices by indicating port ID on each display. H4-series monitor real time video wall display via independent monitor with optional Confidence Monitoring Card.

IP Integration: The controller of H4-series is capable to decode H.264, H.265 IP stream from camera, and deliver the content to video wall without requirement of third party decoders. It is also capable to encode video signal to H.264 IP stream which can be integrated to the network.

Genuine 4K Processing: H4-series support 4K@30 and 4K@60 video signal I/O and processing include seamless switching, overlaying and zero latency.

High Reliability: All 4K cards have 20 Gbps bandwidth per input slot and 80 Gbps per output slot, all the input and output channels support 4K. Whereas, up to 1600Gbps bandwidth is dedicated to video bus. It has backup feature by having dual control cards, if one goes down other will take over automatically. This backup feature enhance the reliability of the system.

Flexible Operation: GUI designed for web-based control PC. Providing access for third party devices control via RS232 or IP. We give free APP for IOS and Android based devices. H4-series preview all input sources content on virtual video wall display via browser in real-time. Administrator is capable to authorize specific access to certain users for video wall management i.e. specific input, display area, display functions etc. Single controller is capable to manage up to 4x video walls with different resolution and display devices i.e. LCD, LED and DLP.

For More details Please visit <http://www.digibirdtech.com>

