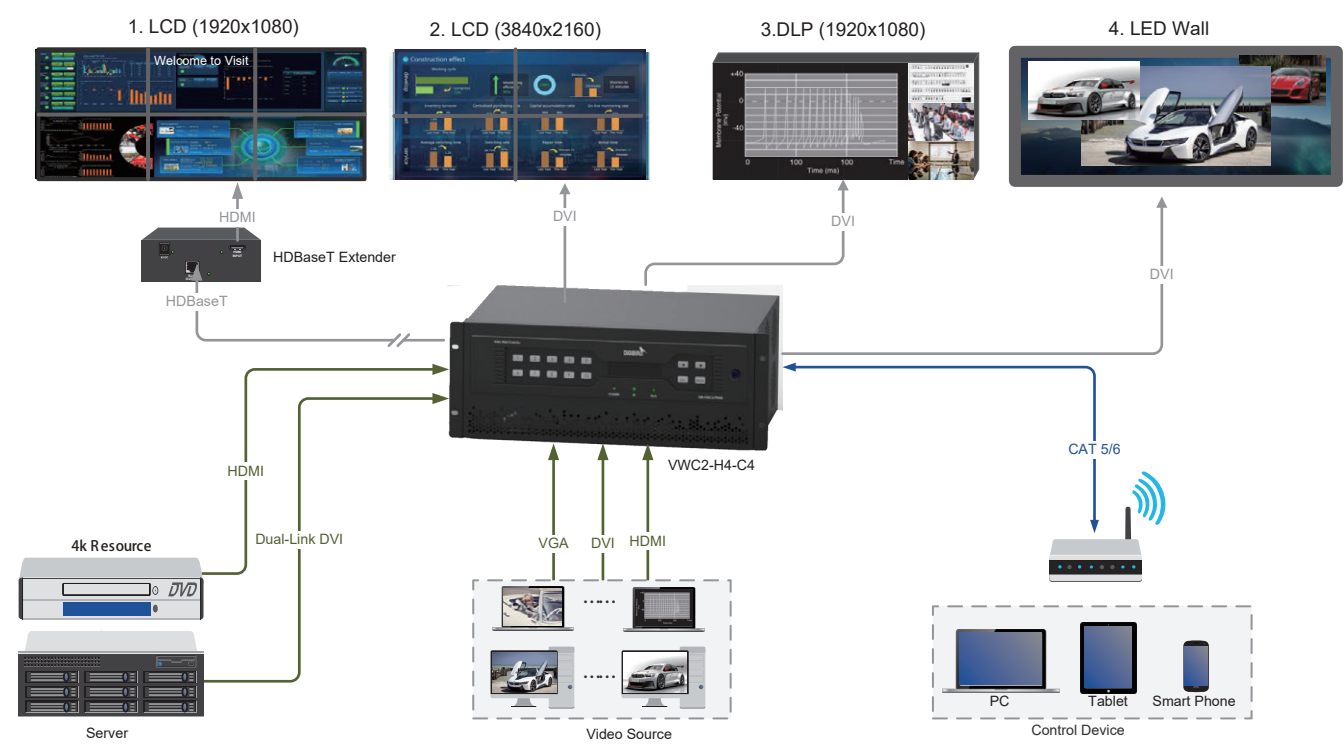


Diagram



Spec

Product Range	Model	VWC2-H4-C4	VWC2-H4-C6	VWC2-H4-C14	VWC2-H4-C19
	Chassis Size	4U	6U	14U	19U
	Max. Input	32x HD or 16x 4K	56x HD or 28x 4K	108x HD or 54x 4K	148x HD or 74x 4K
	Max. Output	12	20	40	80
	Default+Redundant PSU	2	2	4	4
Power	110-240V AC, 50-60Hz				
Operating Temperature	0°to 50°C(32° to 112°F)				
Operating Humidity	< 90% (Non-condensing)				
Input	Format	Max. Resolution	Output	Format	Max. Resolution
DVI(Single Link)	DVI-D	1920*1200@60Hz	DVI(Single Link)	DVI-I	1920*1200@60Hz
DVI(Dual Link)	DL-DVI-D	3840*2160@30Hz	HDMI	HDMI1.3	1920*1200@60Hz
HDMI	HDMI1.3	1920*1200@60Hz	4K HDMI	HDMI1.4	3840*2160@30Hz
4K HDMI	HDMI1.4	3840*2160@30Hz	HDBaseT	HDBaseT	3840*1920@30Hz
VGA	RGBHV	1920*1200@60Hz			
SDI	SD/HD/3G SDI	1920*1080@60Hz			
CVBS	NTSC/PAL	720*480/720*576			
YPbPr	YPbPr	1920*1080@60Hz			

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Fully Support 4K



Modular Video Wall Controller-VWC2

Introduction

VWC2 is a new generation powerful video wall controller launched by DigiBird. It is designed to meet the rigorous demand for extremely reliability and distinctive vision experience under the mission critical situations.

Vision Experience

1. All 4K. 20 Gbps bandwidth per input slot and 80 Gbps per output slot, all the input and output channels support 4K (3840x2160@30Hz).



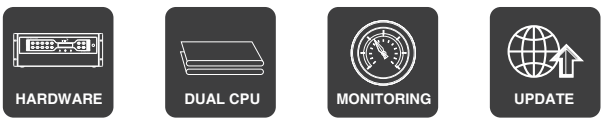
2. Scrolling Text. The font, color, and moving speed support self-define at user's discretion.



3. Smooth Display. Double buffering technology to ensure the synchronization for cross screen display of fast moving video, no stuck, no trailing and no frame lost.



High Reliability



1. Pure hardware-based structure. No operating system, more reliable, designed for 24x7 working conditions.
2. Dual control card. If one CPU card breaks down, the other one will take over automatically.
3. Status Monitoring. Real time status monitoring of hardware (I/O cards, control card) temperature, fan rotation speed and capable to track manufacturing information.
4. Online firmware update.

Flexible Operation

1. Web-based control, no need to install control software.



2. Intuitive Interface and Visible Operation. Capable to preview input content and scenario via browser by real time.



3. Precisely Access Level Management. Each access to the video wall management support to be allocated.



4. Multiple groups of video wall management. Each display wall can be different resolution and display device.

5. Remote Stanby/Wake up by one-touch operation the video wall controller via browser remotely.

