DIGIBIRD
Video & Image Processing

VWC2

Your Next Generation Controller

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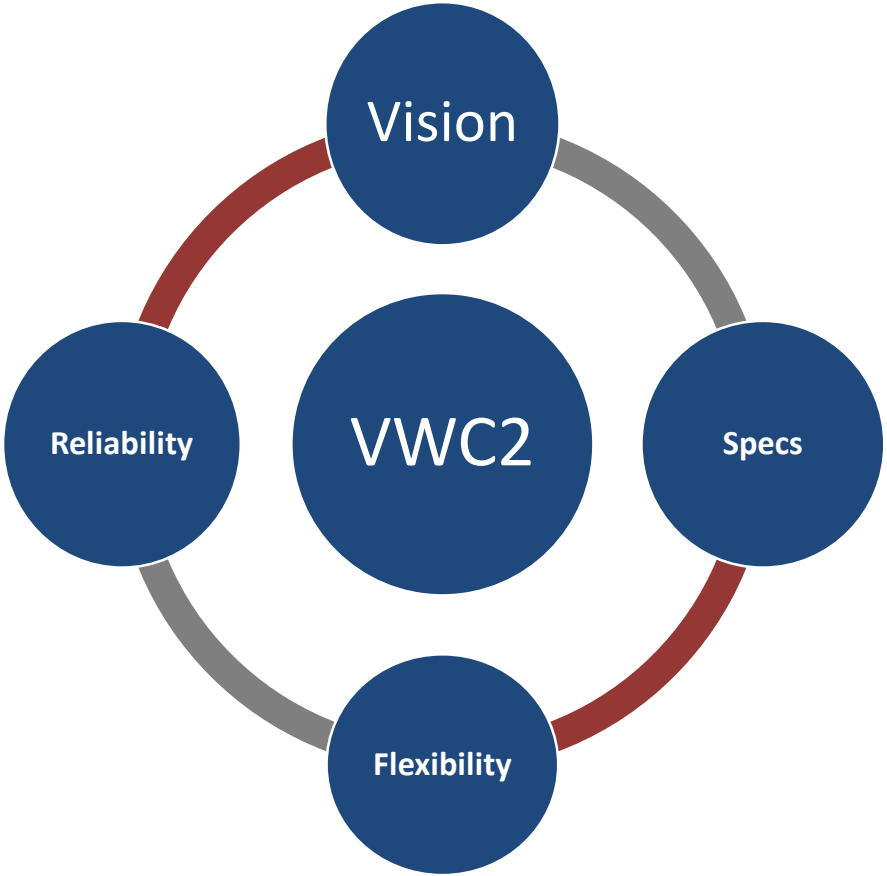

Vision
Reliability
VWC2
Specs
Flexibility

Key Features

Vision: 4K Input & Output

- Input: Quad-Channel Per Card at 1080P, Dual-Channel Per Card at 4K
- Output: Quad-Channel Per Card at 1080P & 4K
- Maximum 3840x 2160 @30HZ, YUV 4:4:4

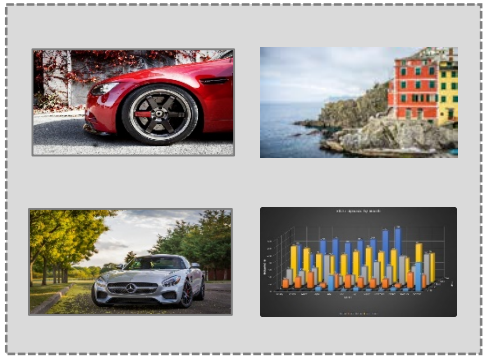
Key Features

Vision: Scrolling Text

- Scrolling text to show news, notifications, or slogan
- Font, background, moving speed supported self-define

Key Features

Vision: OSD



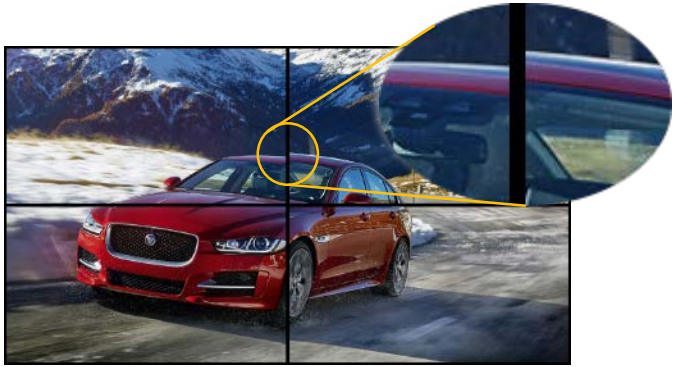
Input

Video Wall

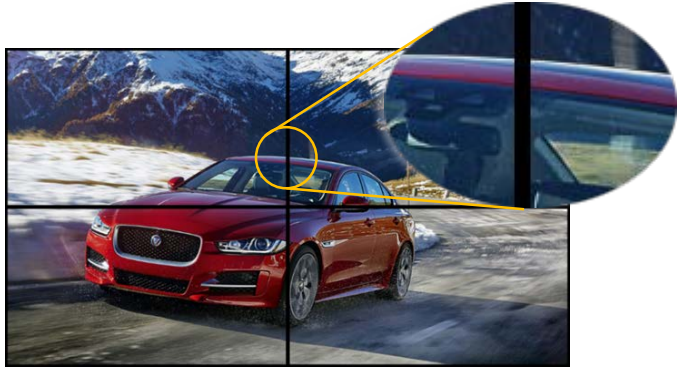
- Display input name on screen, support TEXT or IMAGE
- Easy to detect the input source
- Font, position, background, name, support self-define

Key Features

Vision: Smoothly Display & Synchronization



Competitors



VWC2

- No stuck, no trailing and frame tearing
- Sync of cross screen source
- Smooth Display of fast moving video

Key Features

Vision: Input Cropping

- Supports arbitrary cropping by pixel
- Zoom to emphasize detail

Key Features

Reliability: Structure

- Pure Hardware architecture
- Modular design: Flexible Configuration, Expandable and easy Maintenance.
- Hot-Swappable Redundant PSU
- Hot-swappable I/O Cards

Key Features

Reliability: Control Card Back Up

Dual Control Card

- keep running the current scenario even both breaking down or swapped out
- Capable to import the configuration to restore

Key Features

Reliability: Powerful Processing Capability

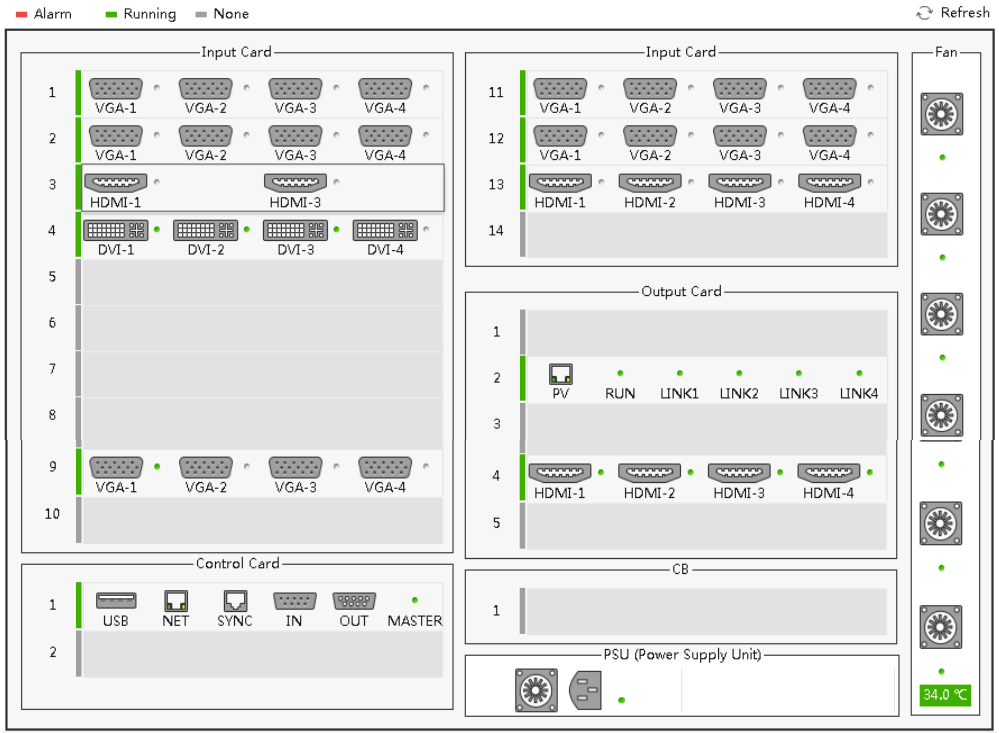
PCI/PCI-E

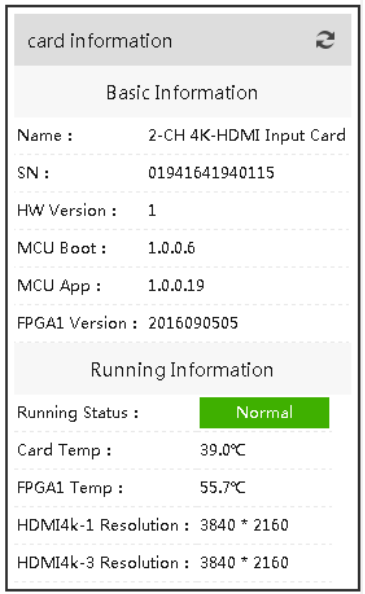
VS

Cross Point

Key Features

Reliability: Status Monitoring





Key Features

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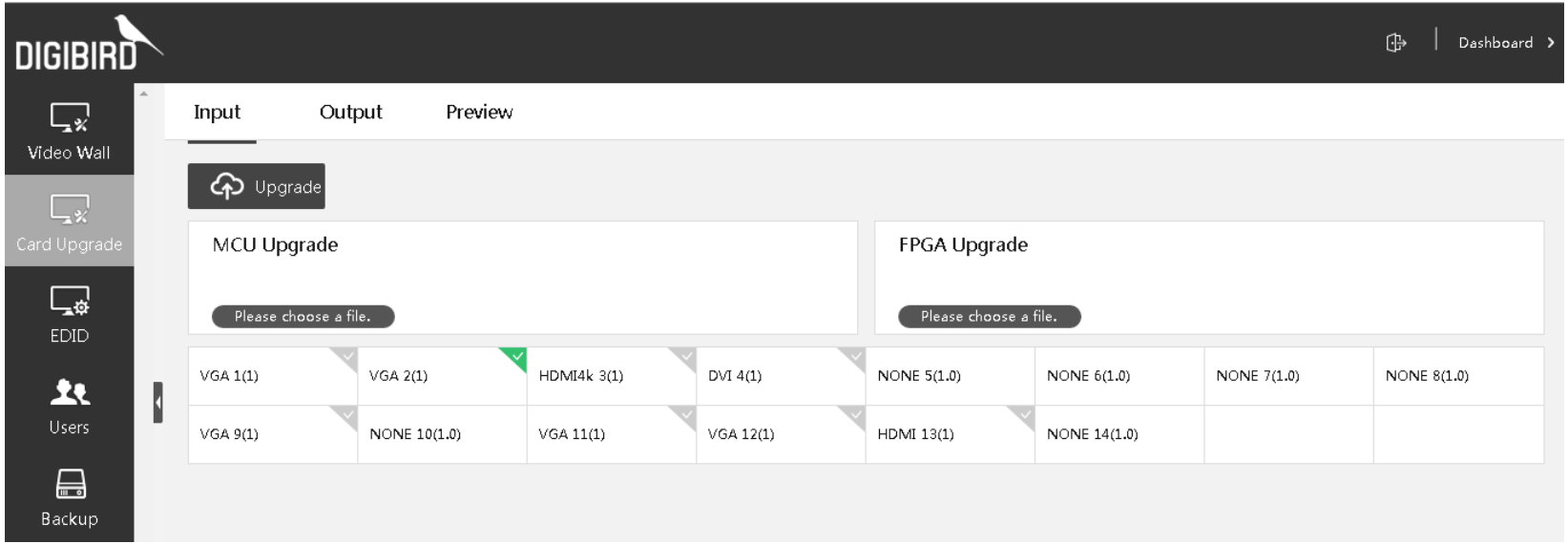
Reliability: Firmware Update



Key Features

Flexibility: Windows Layout

- Creates up to 4x windows per display
- Supports arbitrary layering, zooming in/out, stretching and picture in picture

Key Features

Flexibility: Web-based Control

- PC, Mobile device supported
- No installation of control software
- Via Google Chrome Browser

Key Features

Flexibility: Multiple Video Wall

- Manage multiple groups video wall, each video wall can be different display device, resolution and size.
- Up to 4x groups for different resolution video wall, no limitation for same resolution video wall.
- Each video wall can share the input

Key Features

Flexibility: Visible Operation

Control Interface

Video Wall

- View all input resource
- View virtual video wall display

Key Features

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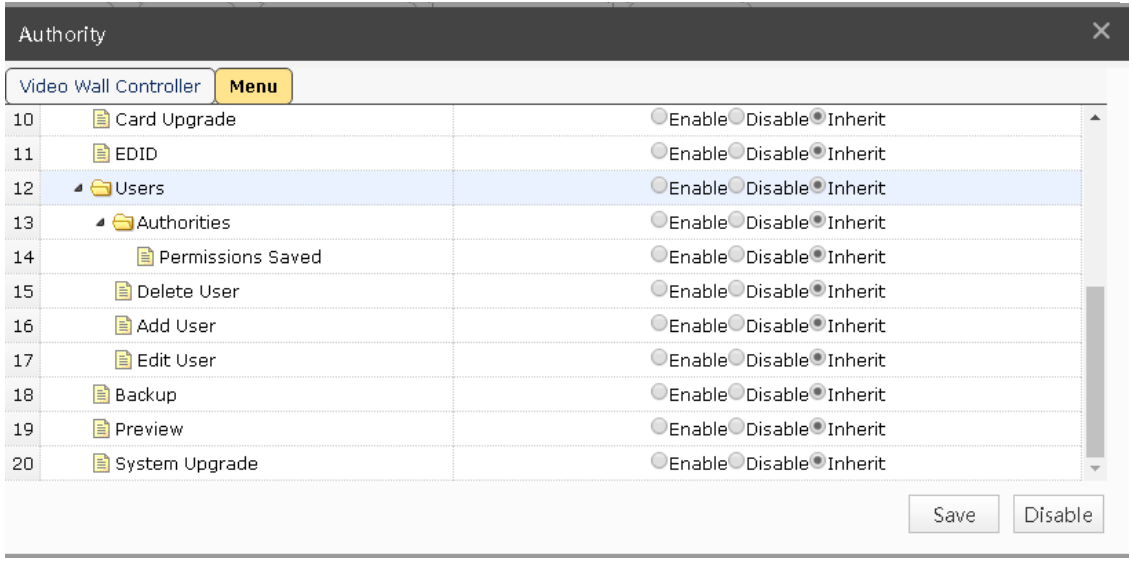
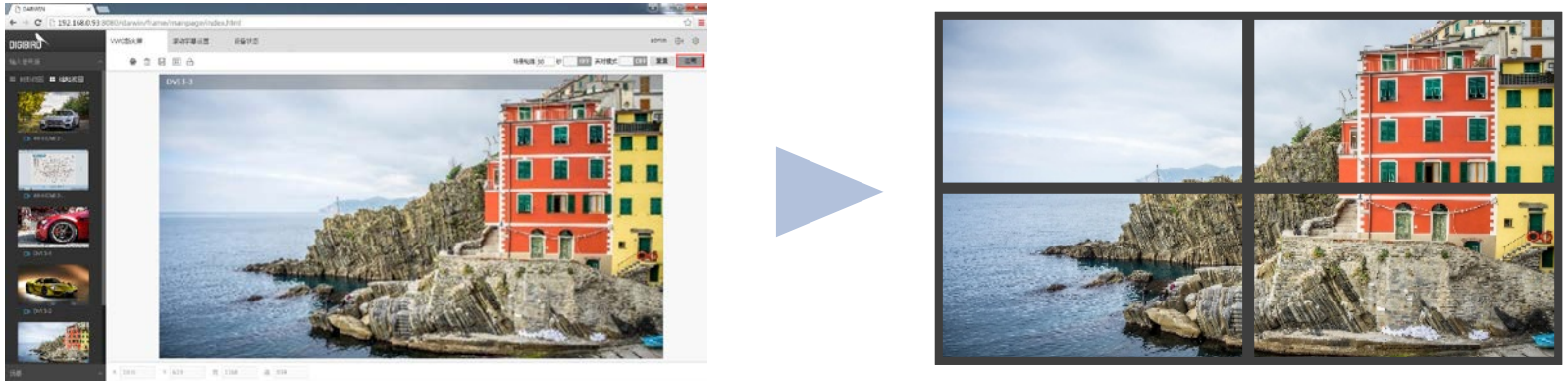
Flexibility: Precisely Access Level Management



- Multiple users concurrently
- Administrator is able to authorize different access level to user

Key Features

Flexibility: Pre-editing



- Editing the scenario without changing the video wall display before apply.

Key Features

Flexibility: Remote Standby & Wakeup

- Remotely Standby or Wakeup via One-Touch operation

Products Range

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Model	VWC2-H4-C4	VWC2-H4-C6	VWC2-H4-C14	VWC2-H4-C19
Chassis Size	4U	6U	14U	19U
Max Input	32(HD) or 16(4K)	56(HD) or 28(4K)	108(HD)or 54(4K)	148(HD) or 74(4K)
Max Output	12	20	40	80
Default + Redundant PSU	2	2	4	4
Power	110-240V AC, 50-60Hz			
Operating Temperature	0° -50℃ (32° -112° F)			
Operating Humidity	<90% (Non-condensing)			

B. Specification

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Input	Max. Resolution	Type
DVI(Single Link)	1920*1200@60Hz	DVI-D
DVI(Dual Link)	3840*2160@30Hz	DL-DVI-D
HDMI	1920*1200@60Hz	HDMI1.3
4K HDMI	3840*2160@30Hz	HDMI1.4
DP	3840*2160@30Hz	DisplayPort 1.1
VGA	1920*1200@60Hz	RGBHV
SDI	1920*1080@60Hz	SD/HD/3G SDI
CVBS	720*480/720*576	NTSC/PAL
YPbPr	1920*1080@60Hz	YPbPr
Output	**Max. Resolution**	**Type**
DVI(Single Link)	1920*1200@60Hz	DVI-I
HDMI	1920*1200@60Hz	HDMI1.3
4K HDMI	3840*2160@30Hz	HDMI1.4
NPC	-	IP
HDBaseT	3840*2160@30Hz	HDBaseT

Diagram

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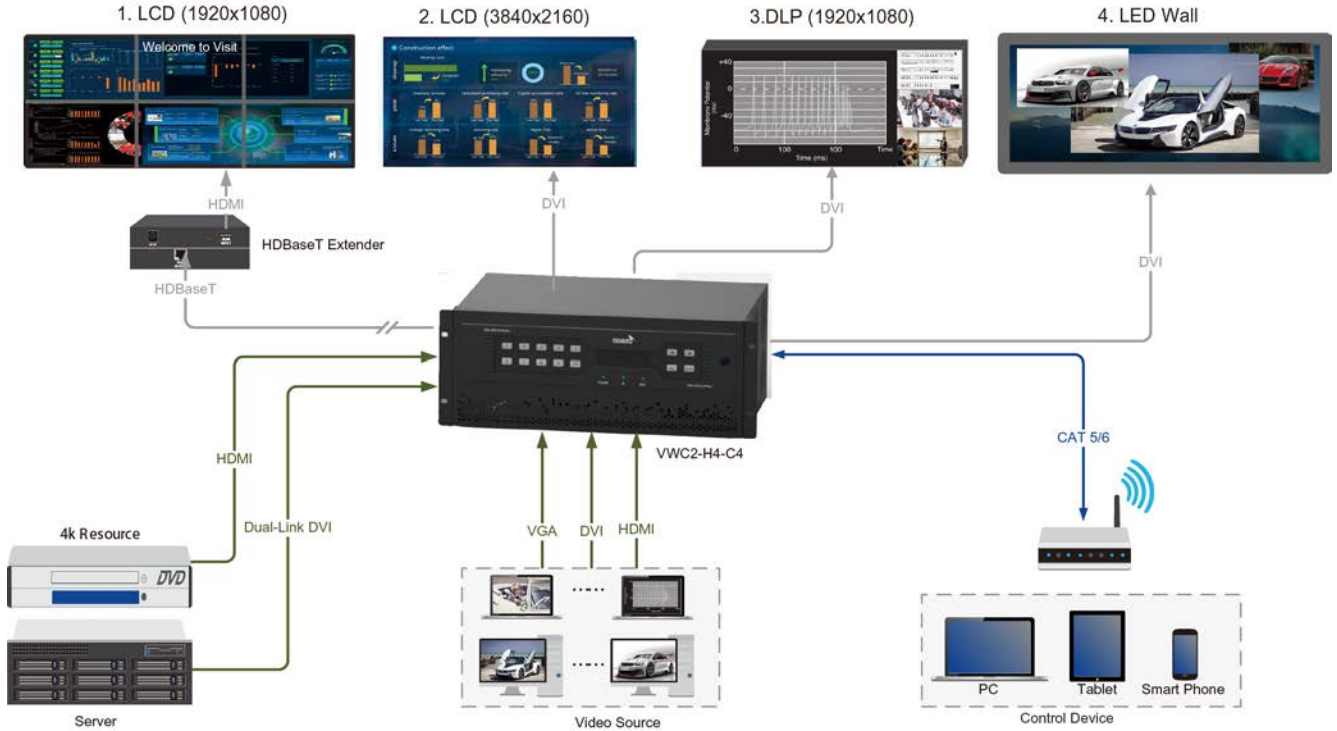

Thanks!

http://www.digibirdtech.com/