

# VWC2 User Guide

## Introduction

DigiBird Video Wall Controller Gen-2 (referred as VWC2 hereafter) is a newly released highly stable video wall processor, which fully supports 4K UHD inputs and outputs.

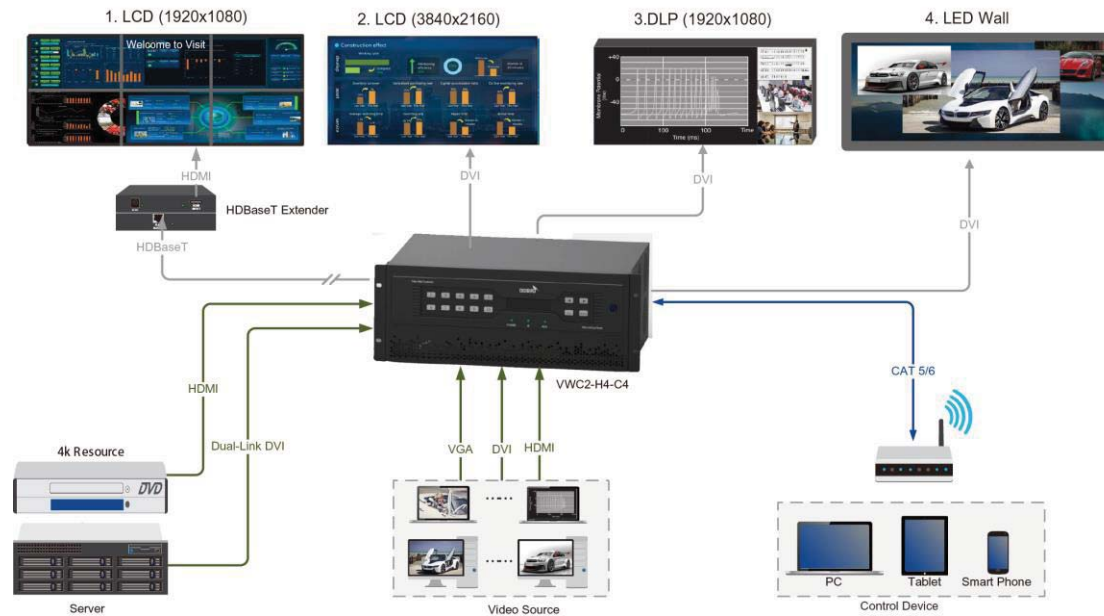
The VWC2 adopts DigiBird's blade, modular components design and hardware based FPGA technology. Bandwidth of the VWC2 is doubled than that of Video Wall Controller Gen-1 (referred as VWC1 hereafter). VWC2 is able to make the contents more smooth and switching seamless by powerful 4K UHD processor.

The control method are also upgraded to be Web-based and the operation becomes more flexible and intuitive. User is able to check the real-time operating status, hardware temperature, warning hints and the auto-adjusted fan speed information via the GUI web-based software.



The VWC2 series have several sizes ranging from 4U, 6U, 14U to 19U, that supports 32 to 148 HD inputs or 16 to 74 4K UHD inputs and 12 to 80 4K UHD outputs. For more hardware information and new features, please refer to the <VWC2 specification and datasheet>.

## Diagram



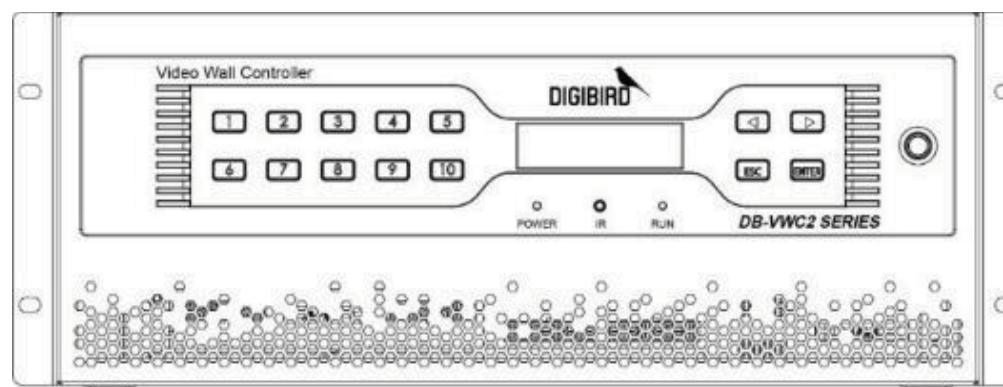
The DigiBird® Video Wall Controller product family provides highly expandable and flexible solutions for video walls, particularly for large-scale multi-screen systems. Capable of integrating any type of video and data source on any display wall configuration. Our products and solutions are widely used in areas as diverse such as Video Conference Rooms, Public Utility Control Centers, Intelligent Traffic Management Centers, Security and Surveillance Facilities, Military Command and Control Centers, Energy Management Rooms, Process Control Rooms, Call Centers, Board Rooms, Network Operation Centers (NOC), Financial Management Control Rooms and high-end Residential Market (for example high-end home theaters).

## Front and rear panels

### Front panel

#### H4 Series

4U Front Panel:



Note: VWC2 by default IP address is 192.168.1.200.

#### Status indicators

1	POWER	Power indicator: illuminated when power on.
2	IR	IR indicator: reserved for future use.
3	RUN	Run indicator: flicker when operating well.



## Slots introduction:

1	Input Slot	Populated with DVI, Dual-Link DVI, HD HDMI, 4K HDMI, CVBS, DP,VGA, SDI, etc. input cards.
2	Output Slot	Populated with DVI, Dual-Link DVI, HD HDMI, 4K HDMI, CVBS, DP,VGA and SDI, etc. output cards.
3	CPU Slot	Populated with primary and redundant control cards.
4	CMC Slot	Populated with Confidence Monitoring Card.
5	PSU Slot	Populated with primary and redundant PSUs.
6	Fan Slot	Populated with auto-adjusted fan modules.

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### Note\*:

NPC (Network Preview Card) would occupy one output slot.

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## Software

The software is Web-based, its operation is flexible and intuitive. The user is able to check the real-time operating status, hardware temperature, warning hints and the auto-adjusted fan speed information via the GUI web-based software.

**Note: Support Google Chrome only.**

## Login

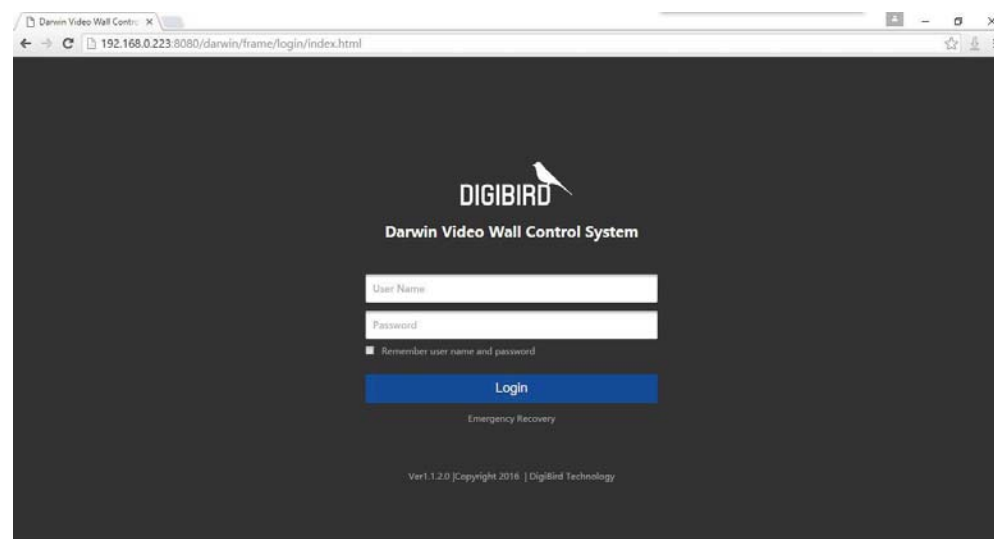
Prior to connect your VWC2, make sure the VWC2 IP address is in the same network segment with your PC. You are able to change the VWC2 IP address via the buttons on the front panel or can also change by your PC IP settings.

Connect your PC with the VWC2 via LAN or WLAN, make sure the VWC2 and your PC are within the same LAN.

1. Launch the Google Chrome web browser and input the VWC2 IP address. For installing Google Chrome, please refer to [www.google.com](http://www.google.com).
  - Change the VWC2 IP address via the front panel buttons to 192.168.0.93 (This manual adopts 192.168.0.93 as an example, user is able to change the IP address according to the network environment. The VWC2 default IP address is 192.168.1.200.)
  - Input the IP 192.168.0.93 and press <Enter> to access.



2. The login interface is shown as below, the default user name is “admin” and password is “123”, the password can be changed after login. For Editing account please refer to <Users> section.

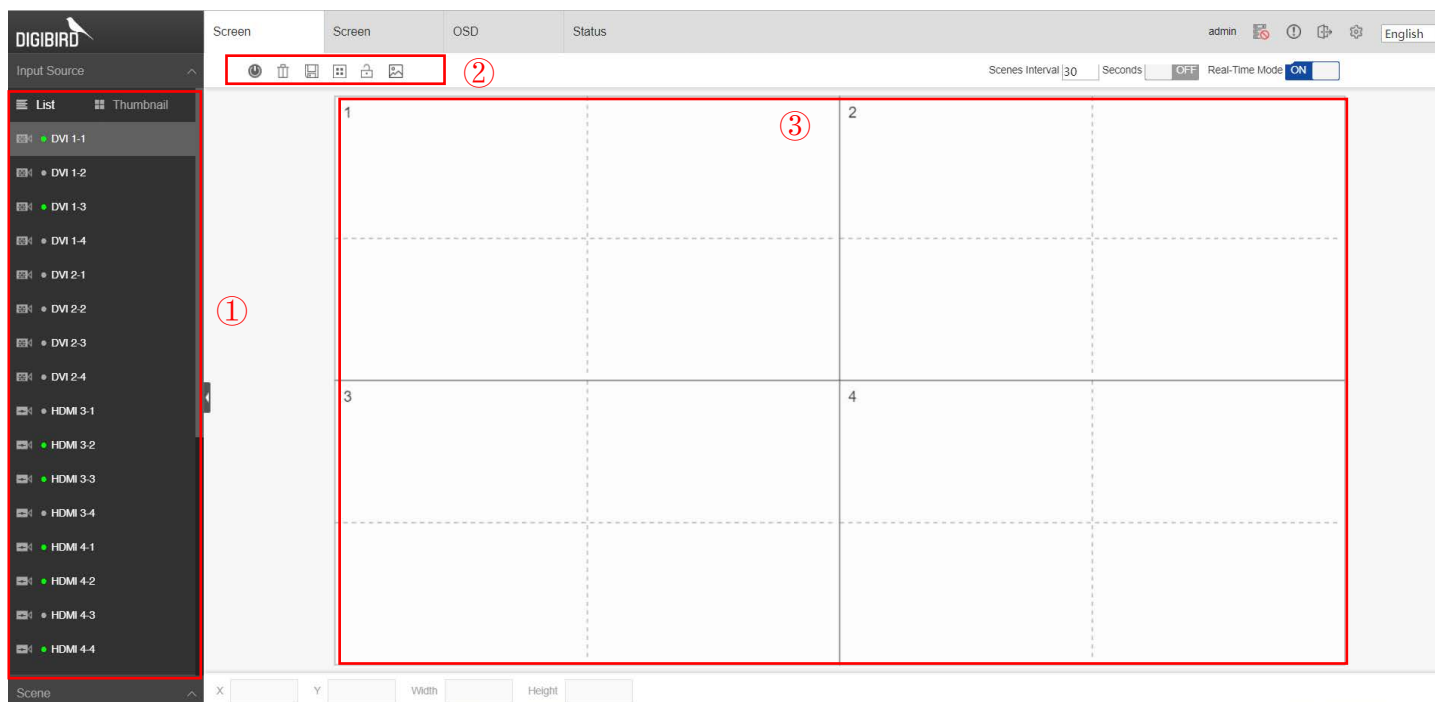


## Operation Interface

### Dashboard

After login, the operation interface is shown as below. By default a 2x2 video wall had been created by the software (without outputs mapping between the Displays and Outputs ports). You can configure the setting of the video wall as per your requirement by entering the <Settings> to change, please refer to <Video Wall> section.






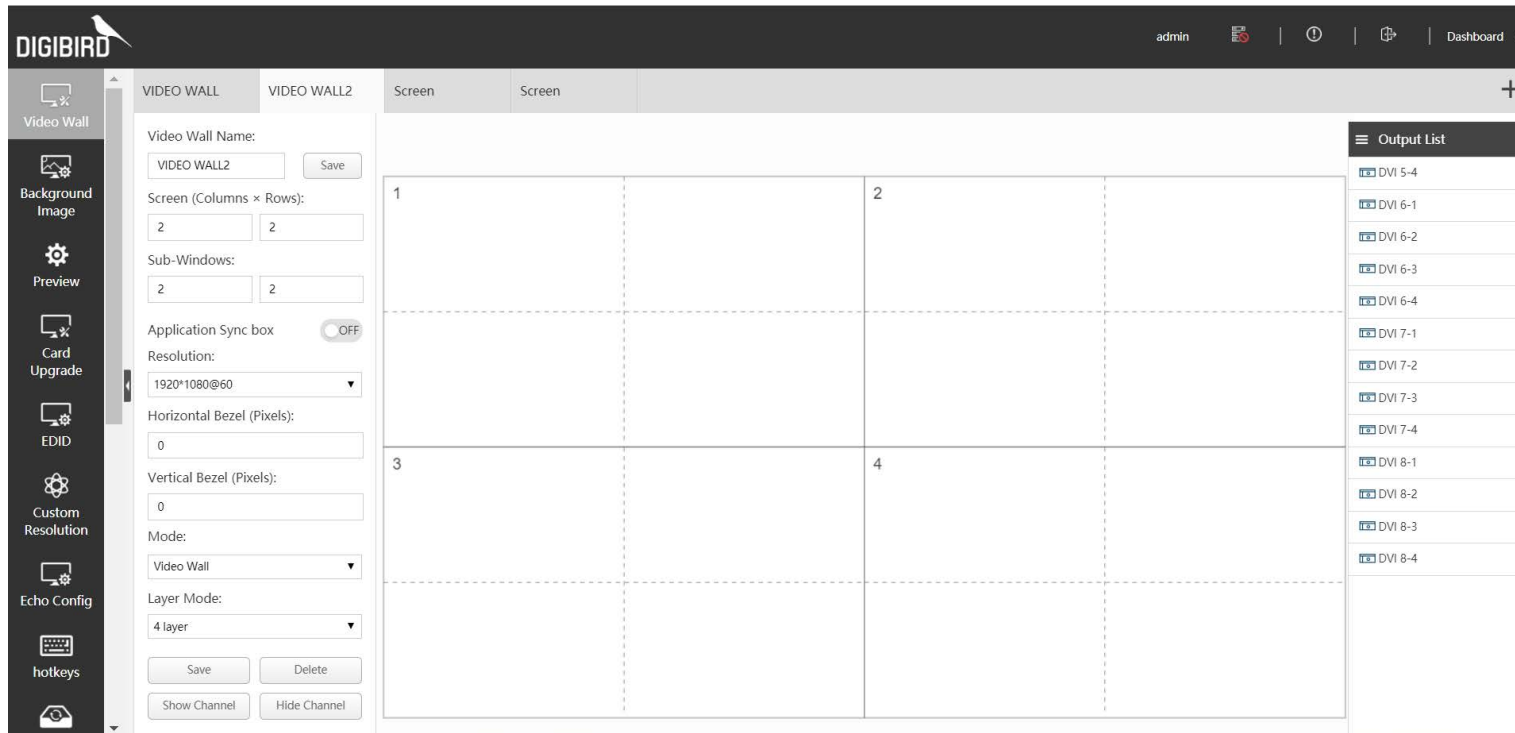
1 Input resources list The inputs resources list with status indicators, support tree mode and thumbnail mod. Thumbnail mode has preview features.

2 Manual bar Including Scrolling Text, Power Off/ ON (Standby/ Wakeup), Scene (Preset), Scenes carousel, Settings and Exit, etc..

3 Video Wall Main operation interface: including video windows management, layouts, moving, zooming, overlapping, etc.

## Settings

Click the button  to enter the settings interface including Video Wall, Background image, Preview, EDID, Custom Resolution, Video Wall Layout, Users, Backup and Upgrade settings.




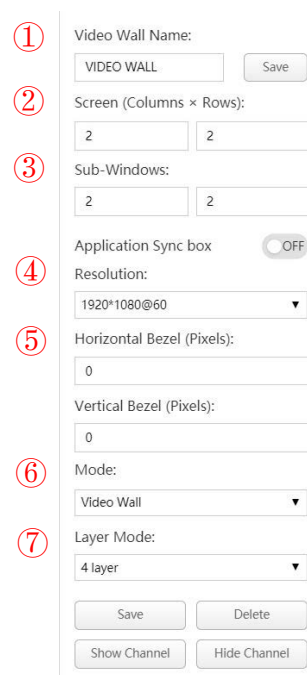
The screenshot shows the DIGIBIRD settings interface. The top navigation bar includes the DIGIBIRD logo, user name 'admin', and a 'Dashboard' link. The main interface is divided into several sections:

- Left Sidebar:** Contains navigation icons for Video Wall, Background Image, Preview, Card Upgrade, EDID, Custom Resolution, Echo Config, and hotkeys.
- Top Tabs:** VIDEO WALL, VIDEO WALL2, Screen, and Screen.
- Configuration Panel (Left):**
  - Video Wall Name: VIDEO WALL2 (with Save button)
  - Screen (Columns x Rows): 2 x 2
  - Sub-Windows: 2 x 2
  - Application Sync box: OFF
  - Resolution: 1920\*1080@60
  - Horizontal Bezel (Pixels): 0
  - Vertical Bezel (Pixels): 0
  - Mode: Video Wall
  - Layer Mode: 4 layer
  - Buttons: Save, Delete, Show Channel, Hide Channel
- Main Area:** A 2x2 grid layout with numbered screens (1, 2, 3, 4) and dashed lines indicating bezel positions.
- Right Panel:** Output List showing a list of DVI ports: DVI 5-4, DVI 6-1, DVI 6-2, DVI 6-3, DVI 6-4, DVI 7-1, DVI 7-2, DVI 7-3, DVI 7-4, DVI 8-1, DVI 8-2, DVI 8-3, and DVI 8-4.

## Video Wall

### Single group video wall

1. Click  to enter the settings interface
2. Click <Video Wall>, the setting bar will be shown as below with a default 2x2 video wall and you can change the configuration accordingly.



The screenshot shows a settings panel for a video wall. It includes the following elements:

- 1** Video Wall Name: A text input field containing "VIDEO WALL" and a "Save" button.
- 2** Screen (Columns x Rows): Two input fields, both containing the number "2".
- 3** Sub-Windows: Two input fields, both containing the number "2".
- 4** Application Sync box: A toggle switch currently set to "OFF".
- Resolution: A dropdown menu showing "1920\*1080@60".
- 5** Horizontal Bezel (Pixels): An input field containing "0".
- Vertical Bezel (Pixels): An input field containing "0".
- 6** Mode: A dropdown menu showing "Video Wall".
- 7** Layer Mode: A dropdown menu showing "4 layer".

At the bottom of the panel are four buttons: "Save", "Delete", "Show Channel", and "Hide Channel".

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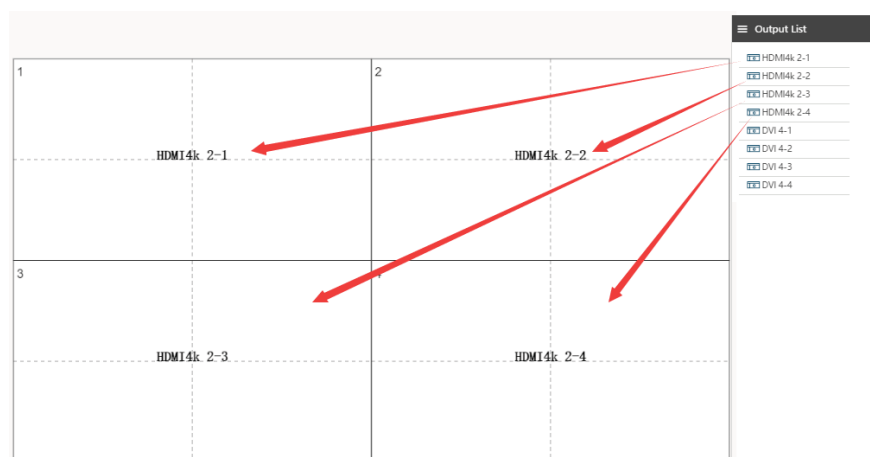
**1** Video Wall Name    User-defined video wall name.

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2	Screen (Columns x Rows)	The video wall displays layouts.
3	Sub-Windows	The grids of video windows layouts, 2x2 as default.
4	Resolution	The output resolution can be selected from the dropdown list.
5	Horizontal & Vertical Bezel	Setup the display bezel for bezel correction.
6	Mode	To select the video wall types, including LCD, LED, Edge Blender, Matrix, etc.
7	Show Channel	Display relevant output channel ID on each display device.

### 3. Output mapping

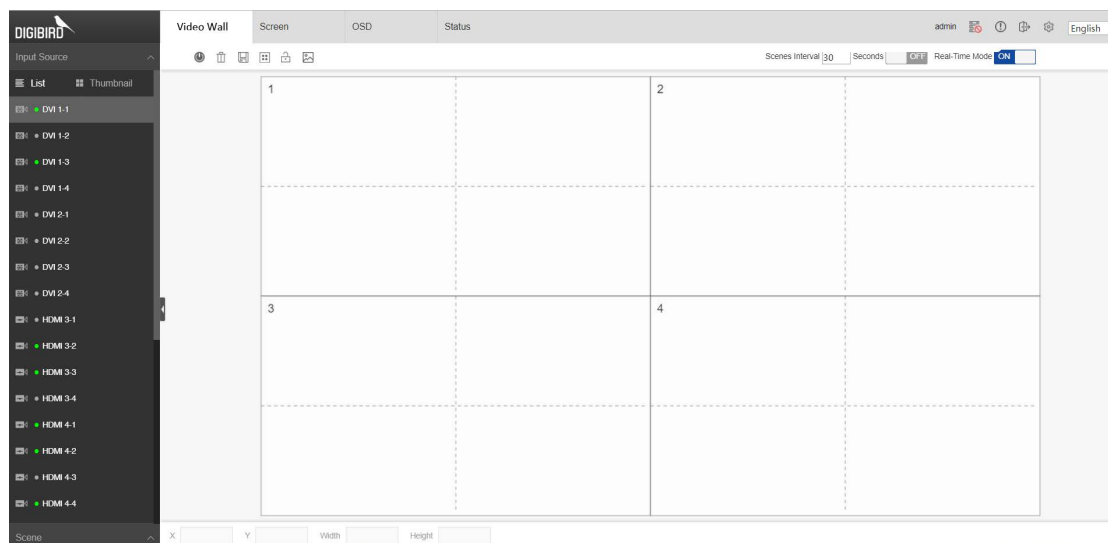
You can select, then drag and drop the output from the right-side list to the display in order to setup the mapping relationships between the displays and the output channels/ ports.



Note: the user can connect any display to the output channel/ port, adjust on the software to make sure the right mapping relationships and no need to change the hardware connection orders. This feature is used to reduce labor cost and time cost.


#### 4. Save

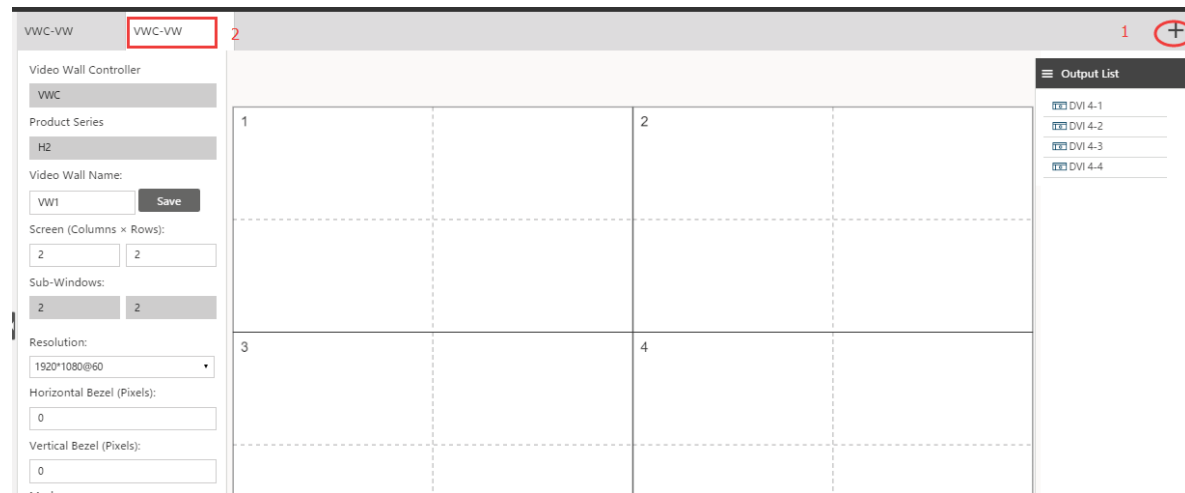
Click <Save> to save the video wall settings and check your new configured video wall at the dashboard.



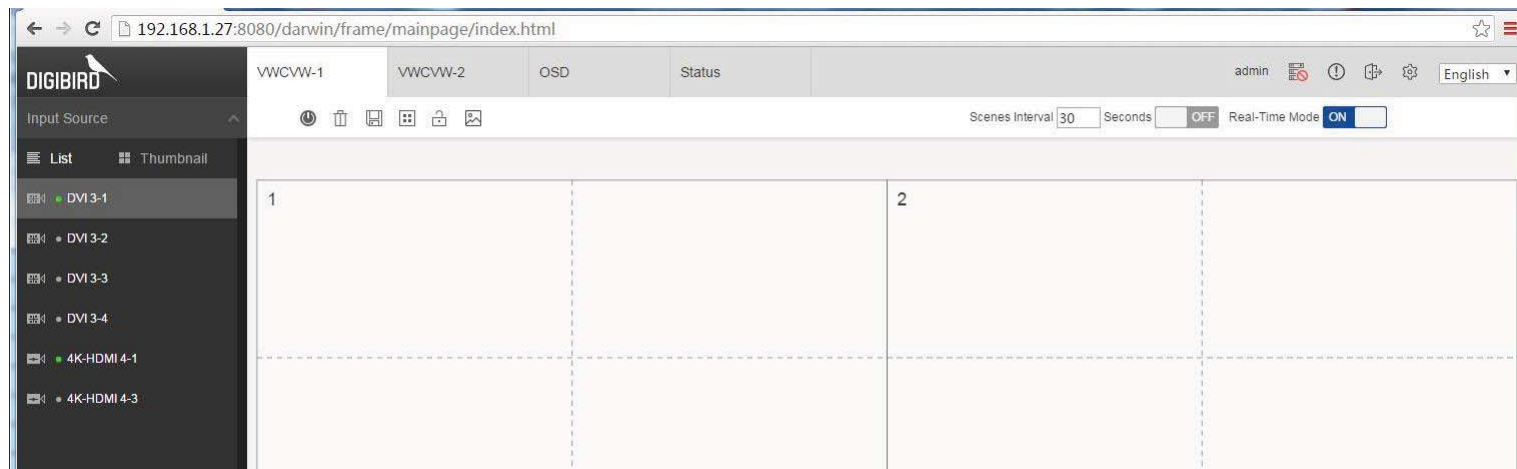
### Multi-group video wall

The VWC2 is able to control multiple video wall groups with up to 4x different display resolution.

1. In the settings, click  to add more video wall groups of which the configuration is the same as the above “Single group video wall”.



2. Back to dashboard to operate each video wall group.



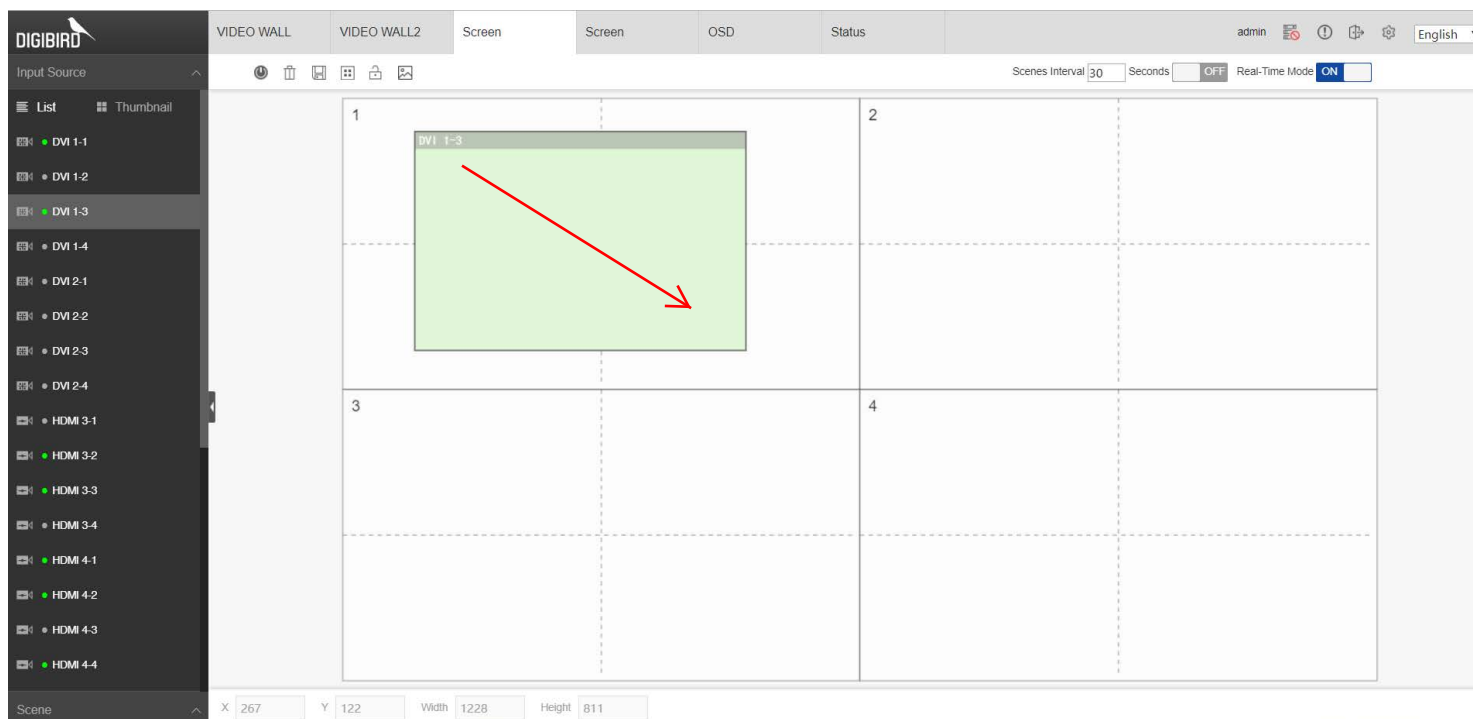
## Video windows layouts

### Windows

#### Create a New Window

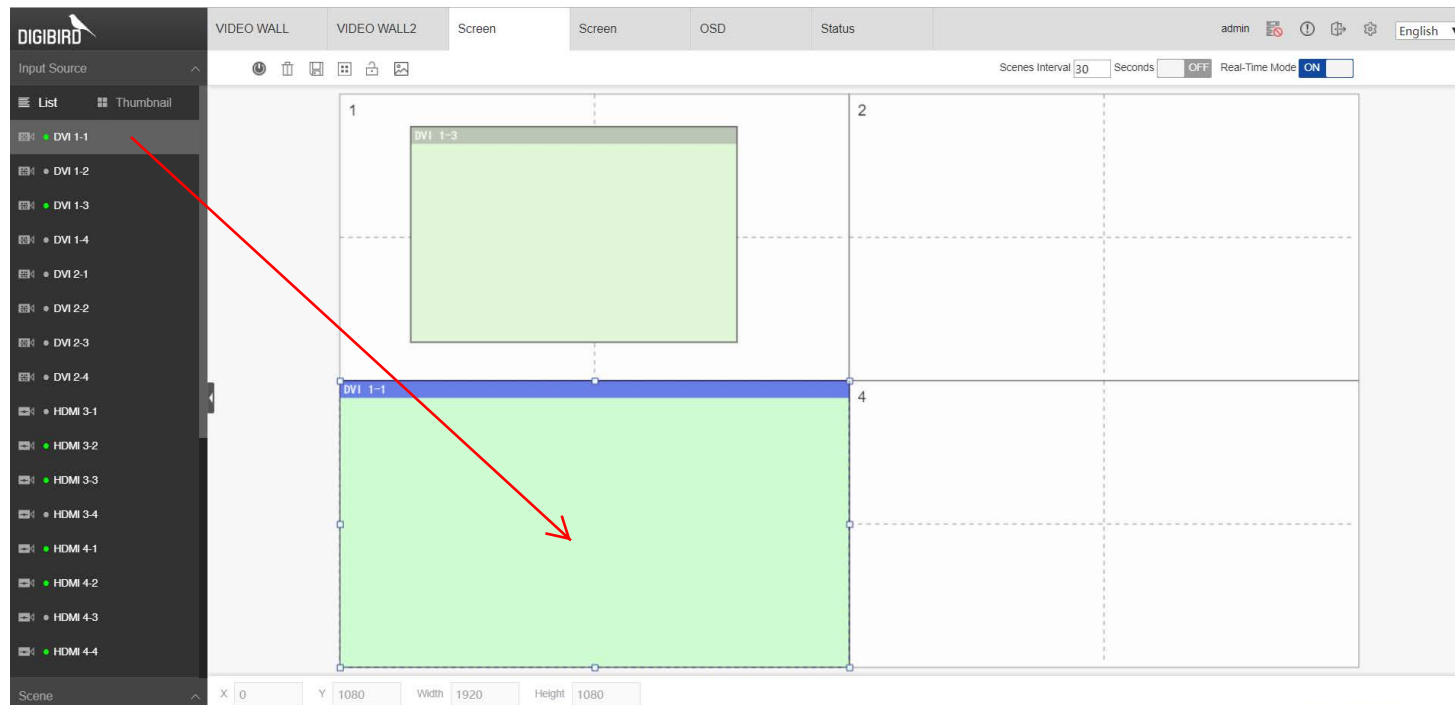
- Rectangle drag

Select an input resource from the left side inputs <List>, hold and drag a rectangle at any position on the video wall workspace to create a video window.



- Drag and drop

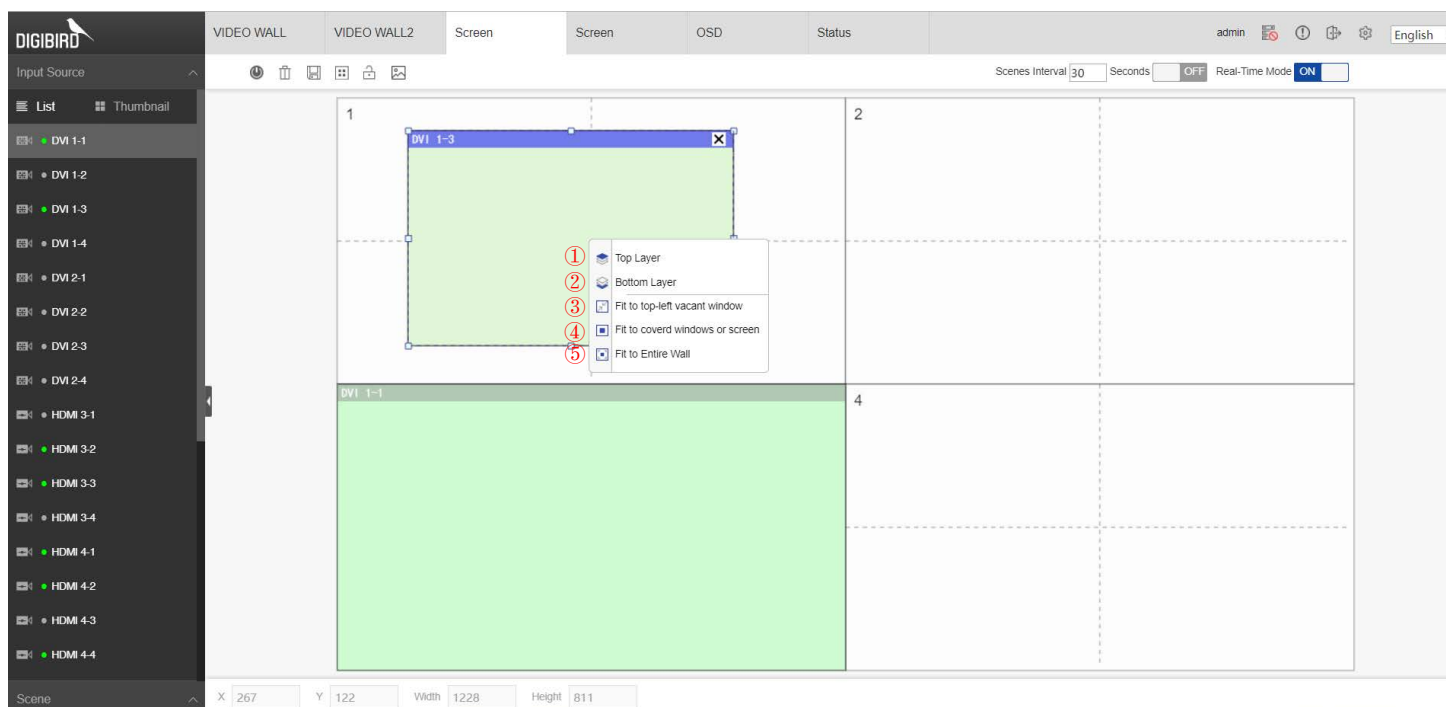
Select an input resource from the left side inputs <List>, then drag and drop to any display on the video wall workspace to create a full screen video window.



## Windows layout

It supports arbitrary moving, zooming in/ out, overlapping of multi video windows.

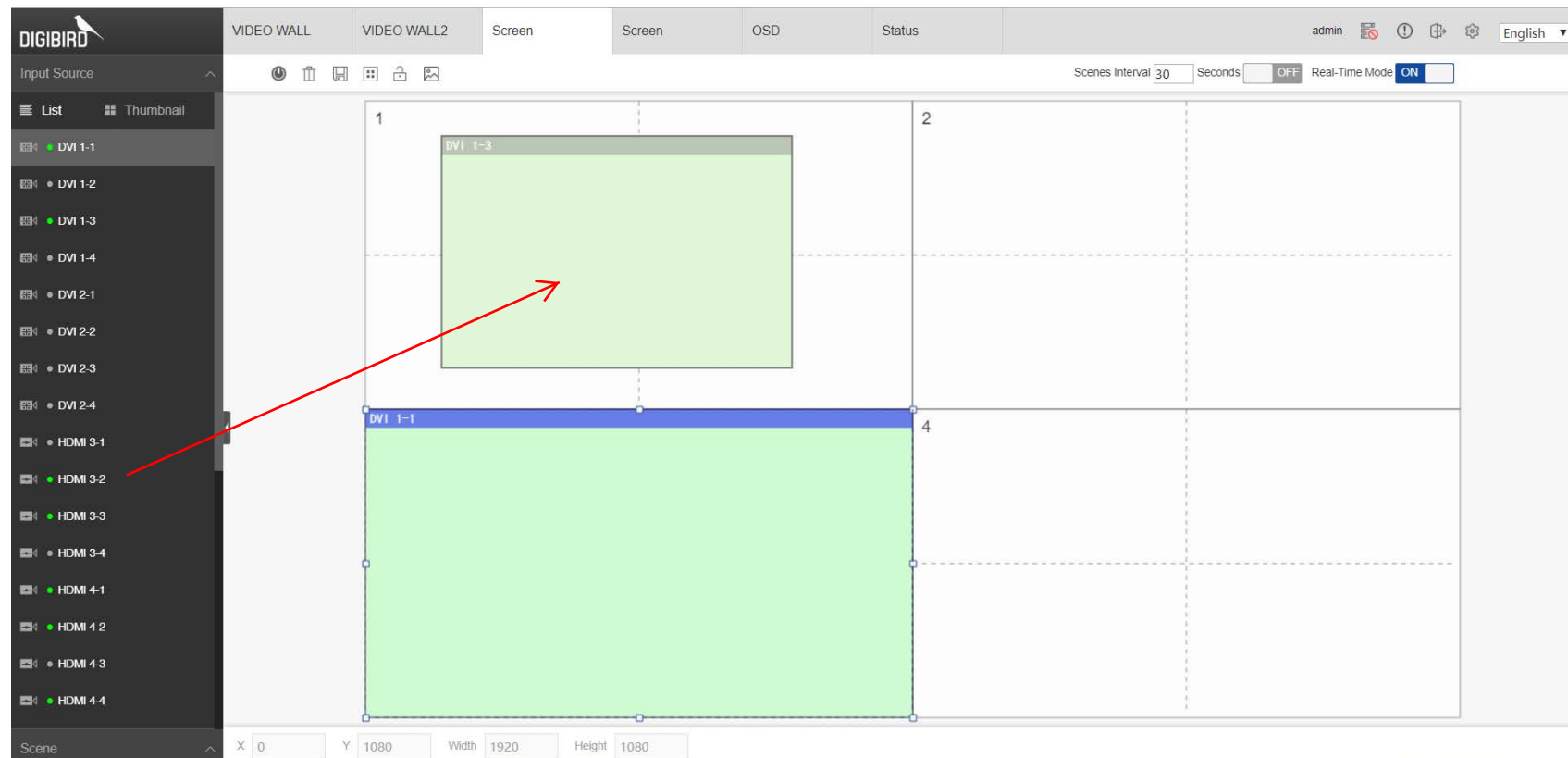






- |   |                                  |  |
|---|----------------------------------|--|
| 1 | Top Layer                        | Put the window to the top layer.   |
| 2 | Bottom Layer                     | Put the window the bottom layer.   |
| 3 | Fit to top left vacant window    | Fit the window to the top left vacant sub window. Double click on the window area can perform the same function.   |
| 4 | Fit to covered windows or screen | Fit the window to the window or screens which are covered by it.   |
| 5 | Fit to entrie wall               | Fit the window to full screen on the whole video wall. Double click the caption bar can perform the same function. |

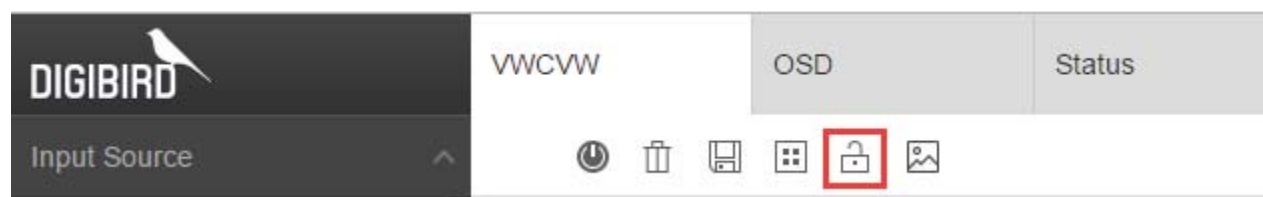
## Switch inputs

Select any input resource and drag to any video window to switch the input resource.



## Lock

Click  to lock positions and contents of all video windows layouts to prevent misoperation. Click  to unlock.

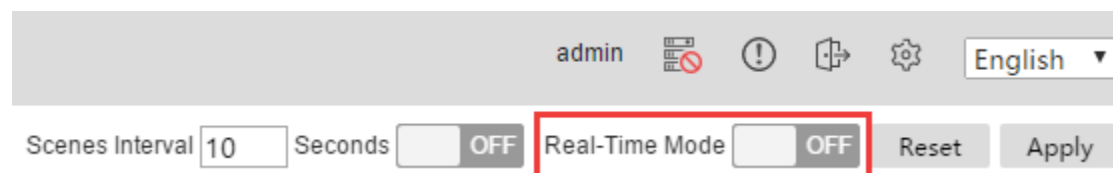


## Pre-edit

The pre-edit means editing the scene/preset without changing the current video wall display contents before apply, so that any changes do not result in interruption of the current video wall displaying.

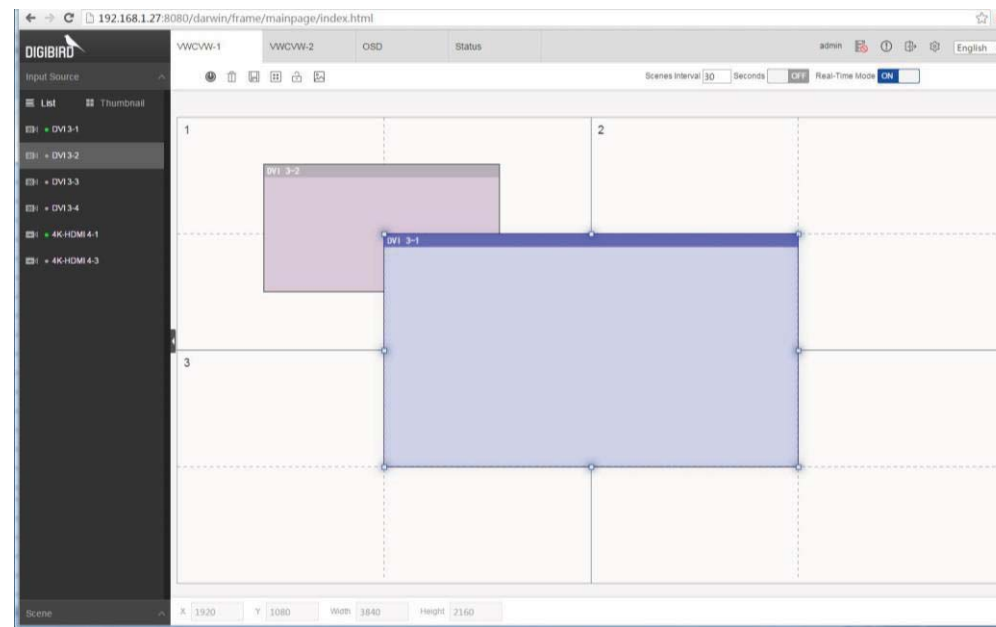
### 1. Disable the real time mode

Disable the real time mode to enter pre-edit mode.



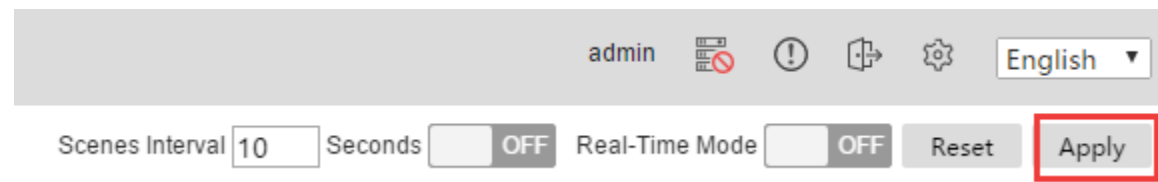
### 2. Pre-edit

Change the layouts and inputs as your requirements.



### 3. Apply

Once the pre-editing done, click <Apply> to display the pre-editing scene on the video wall.




Note: under pre-edit mode, the user is also able to click the save button to save the pre-edit scene for future use.

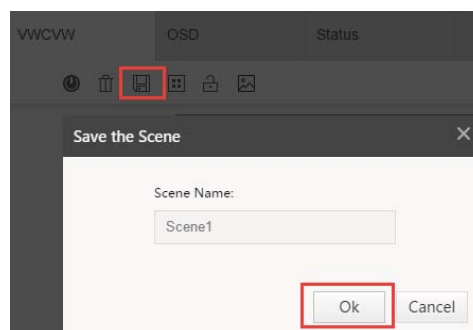
## Scene and carousel

### Scene

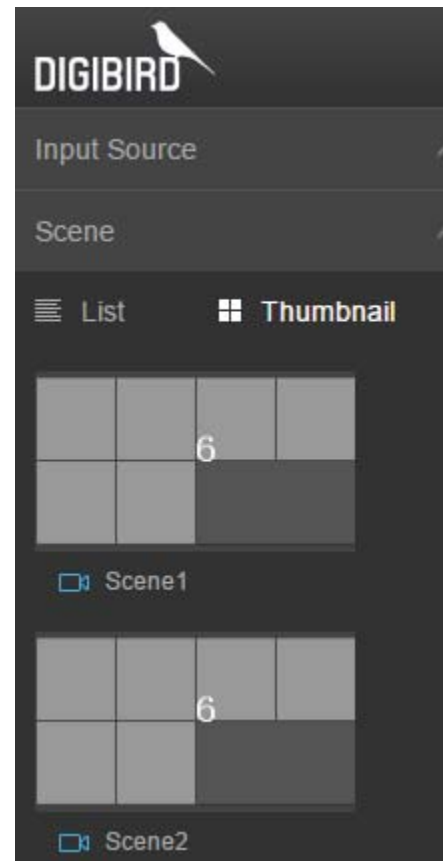
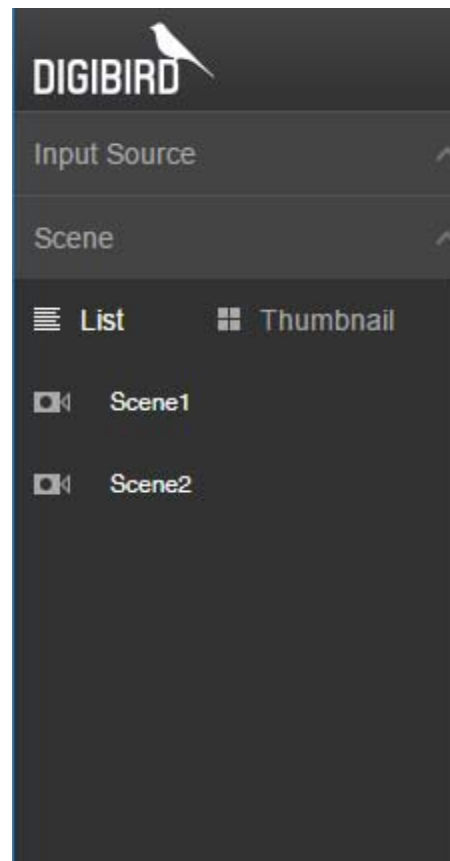
Scene means the preset saved by the user and can be recalled quickly.

#### Save the scene

1. Click  to save the scene.
2. Setup the scene name and click <OK> to save.



3. The saved scenes are shown at the left side by list or thumbnail views.

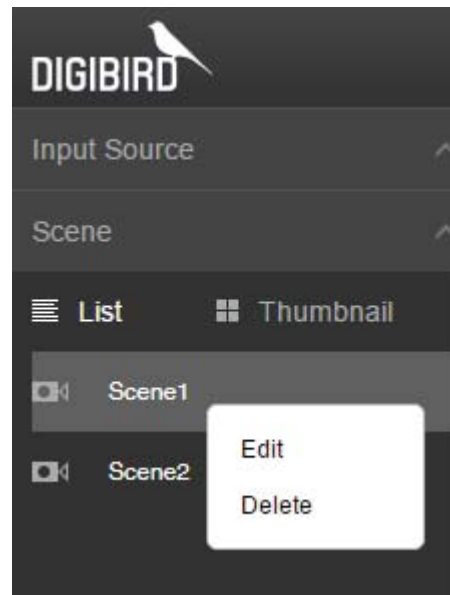


### Recall

Select a scene, then drag and drop to the video wall to recall the saved scene.

### Scene management

Right click on the scene list, you can edit or delete the saved scene.



## Carousel

Carousel means auto cycle of multi saved scenes by user defined intervals.

### 1. Intervals

Scenes Interval  Seconds  OFF

### 2. Enable the carousel

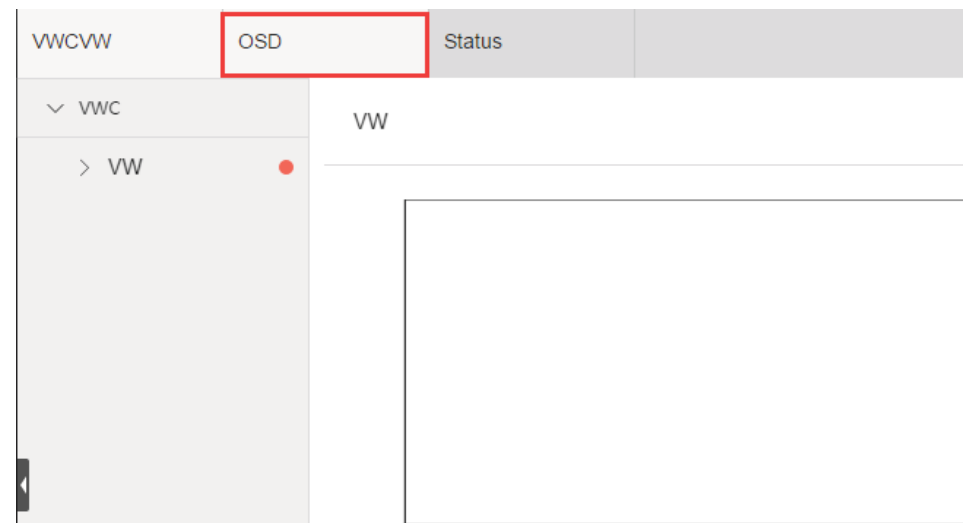
Scenes Interval  Seconds  ON

## Advanced Feature

### Scrolling text

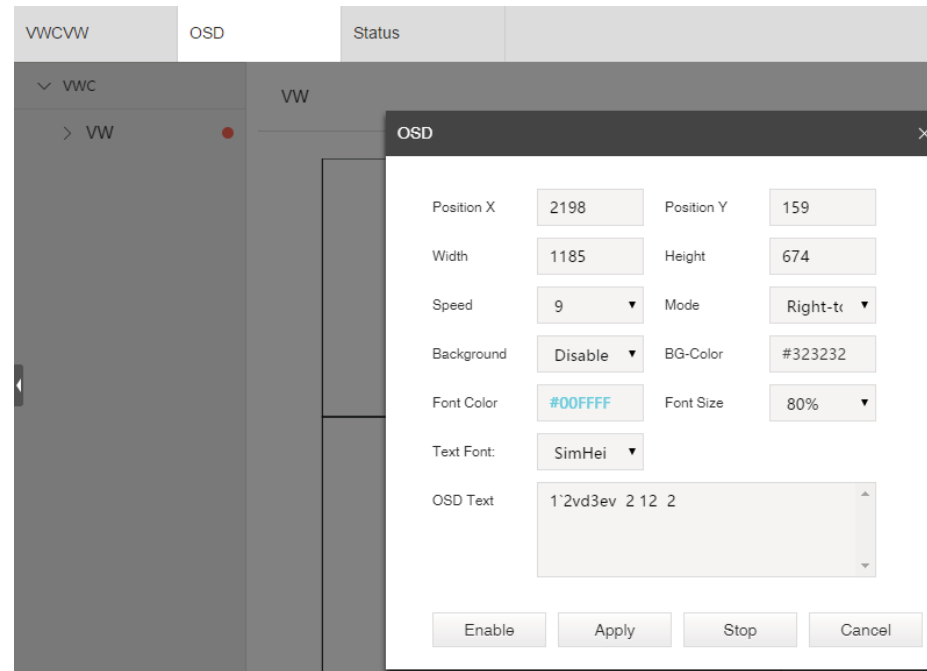
#### Enable

1. Click <OSD> on the dashboard to setup.

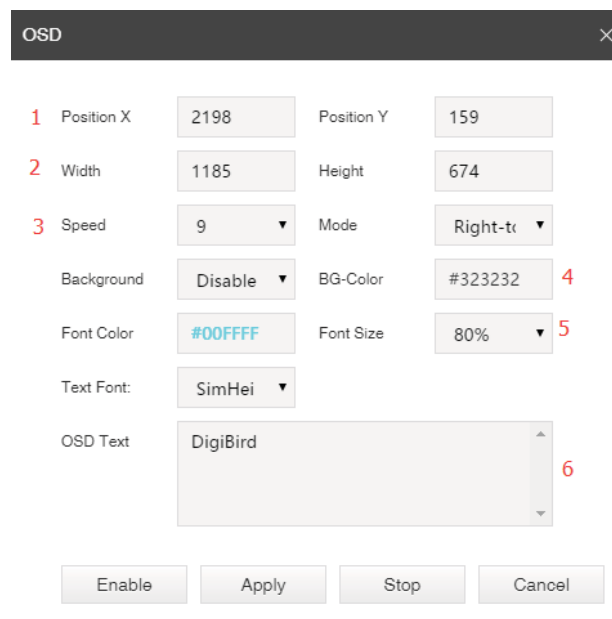


2. Drag a rectangle at the area you want to display the scrolling text to enter the setting menu. (The rectangle is the area the scrolling text be displayed.)





3. You are able to setup the position, width, height, scrolling speed, scrolling direction (right to left direction supported only now), background color, font color, size, type, etc.



The image shows an OSD configuration window with the following settings:

- 1 Position X: 2198
- Position Y: 159
- 2 Width: 1185
- Height: 674
- 3 Speed: 9
- Mode: Right-to
- Background: Disable
- BG-Color: #323232
- Font Color: #00FFFF
- Font Size: 80%
- Text Font: SimHei
- OSD Text: DigiBird

Buttons at the bottom: Enable, Apply, Stop, Cancel.

- 
- 1
**Position**      The coordination of the top left corner of the whole video wall is X-0 and Y-0. You are able to setup the precise position by input the XY position in pixels.

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  - 2
**Width/ Height**      To setup the width and height of the scrolling area.

---

  - 3
**Speed/ Mode**      To setup the text scrolling speed and direction.

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  - 4
**Background**      Enable or disable the background and setup the background color.

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  - 5
**Font**      To setup the font color and size. (The size is the relative height of the scrolling area.)

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  - 6
**Text**      The content of scrolling text.

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4. Click <Apply> to enable the settings.

## Stop

Click any position of the scrolling area to open the setting menu and click <Stop> to disable the scrolling text.

## Bezel compensation

1. Enter into the Video Wall settings menu.
2. Input the bezel width by pixels and the VWC2 will perform bezel compensation.

Resolution:

1920\*1080@60 ▼

Horizontal Bezel (Pixels):

0

Vertical Bezel (Pixels):

0 ▲▼

Mode:

Video Wall ▼

Save

Delete

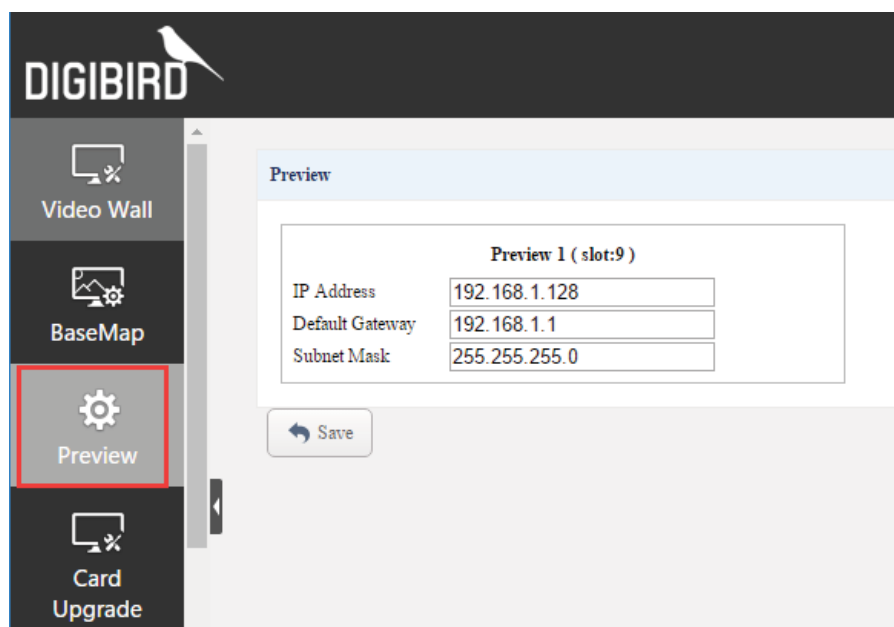
Show Channel

Hide Channel

## Preview

The NPC (Network Preview Card) is used to display the real-time preview image of all input signals on the software interface, in order to manage the contents easily and precisely.

1. Install the NPC and connect to your LAN switch.
2. Enter into the <Preview> setting, input IP, Gateway and Subnet Mask for the NPC and save.

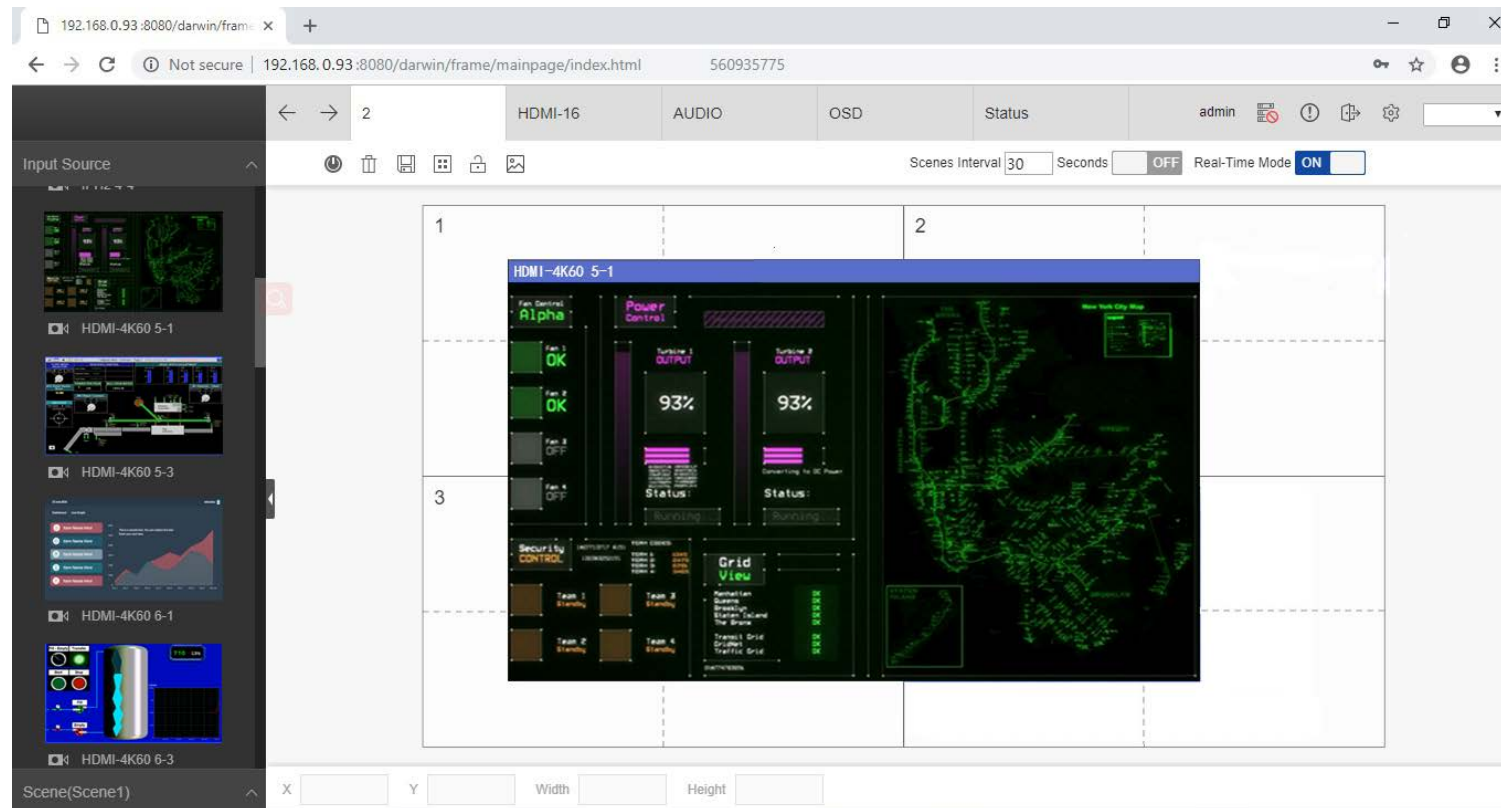


The screenshot displays the DIGIBIRD software interface. On the left sidebar, the 'Preview' option is highlighted with a red box. The main content area shows the 'Preview' configuration page for 'Preview 1 (slot:9)'. The configuration fields are as follows:

Preview 1 ( slot:9 )	
IP Address	192.168.1.128
Default Gateway	192.168.1.1
Subnet Mask	255.255.255.0

Below the form is a 'Save' button.

3. In the dashboard, you are able to perview real-time display.

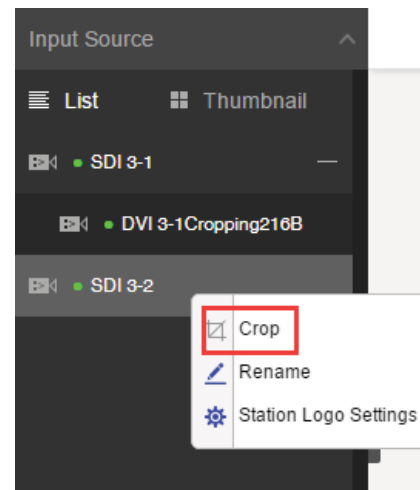


## Crop

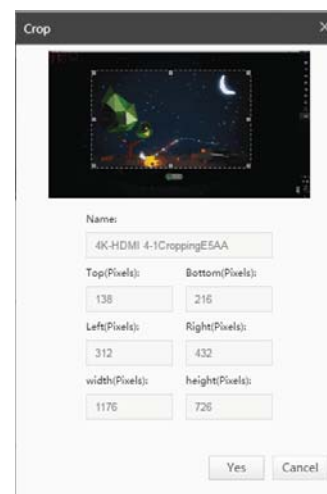
This function is used to cut off the black edges or zoom in details to emphasize.

## Crop

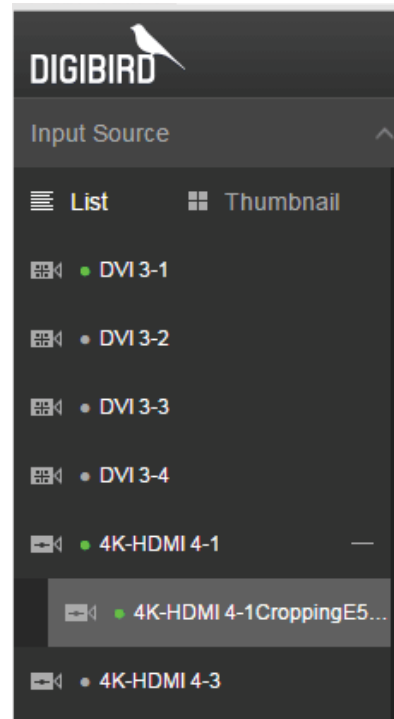
1. Right click on the input resource to crop the source.



2. You can crop the signal on the preview image (preview card must be installed) or input cropping pixel in the menu.



3. The cropped video source will be listed below the original one, you are able to rename it.



### Display the cropped signal

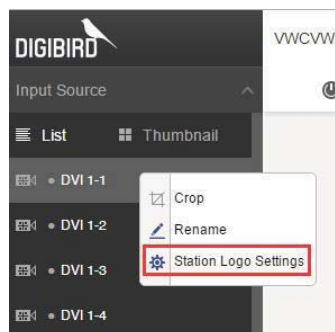
Select and drag the cropped signal list to the video wall area to display.

The minimum cropping area is 32x32 pixels.

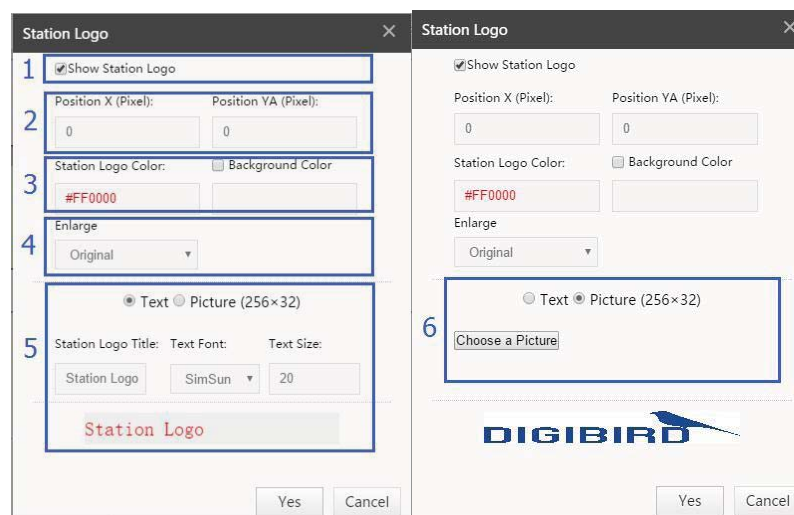
## Station Logo Settings

The Station Logo means the indicator or name displayed on the video image to indicate the resource or content ID.

1. Right click on the input source and enter the Station Logo Settings.



2. Setup the Station Logo and click <Yes> to save.





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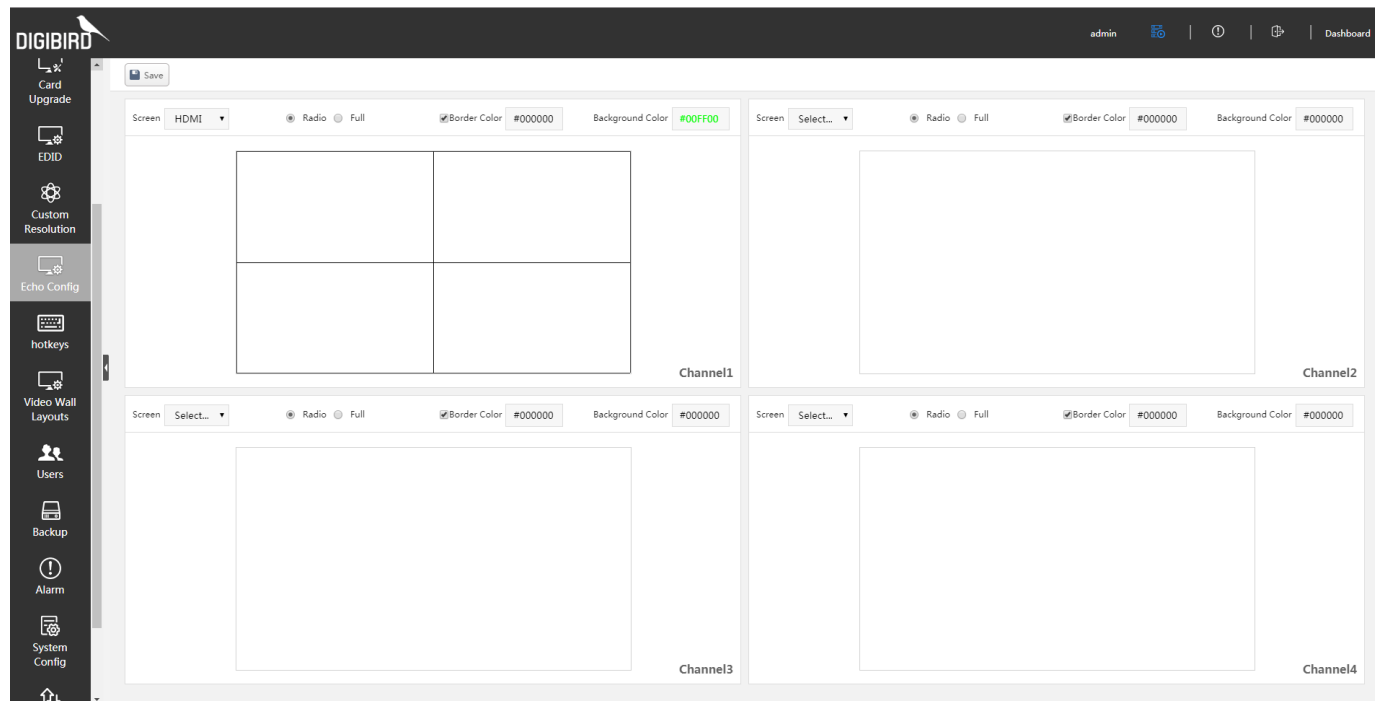
1	Status	To enable (display)/ disable (Hide) the Station Logo.
2	Position	To setup the position by pixels.
3	Color	To setup the text or background color.
4	Enlarge	To enlarge the Station Logo, the minimum is 256x32 pixels.
5	Text	To setup text as the Station Logo.
6	Picture	To setup picture as the Station Logo.

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## Echo Config



The CMS cards can output the video wall contents to one single screen which makes easier for operators to view remotely. Each CMC card can monitor 4 sets video walls at the same time.

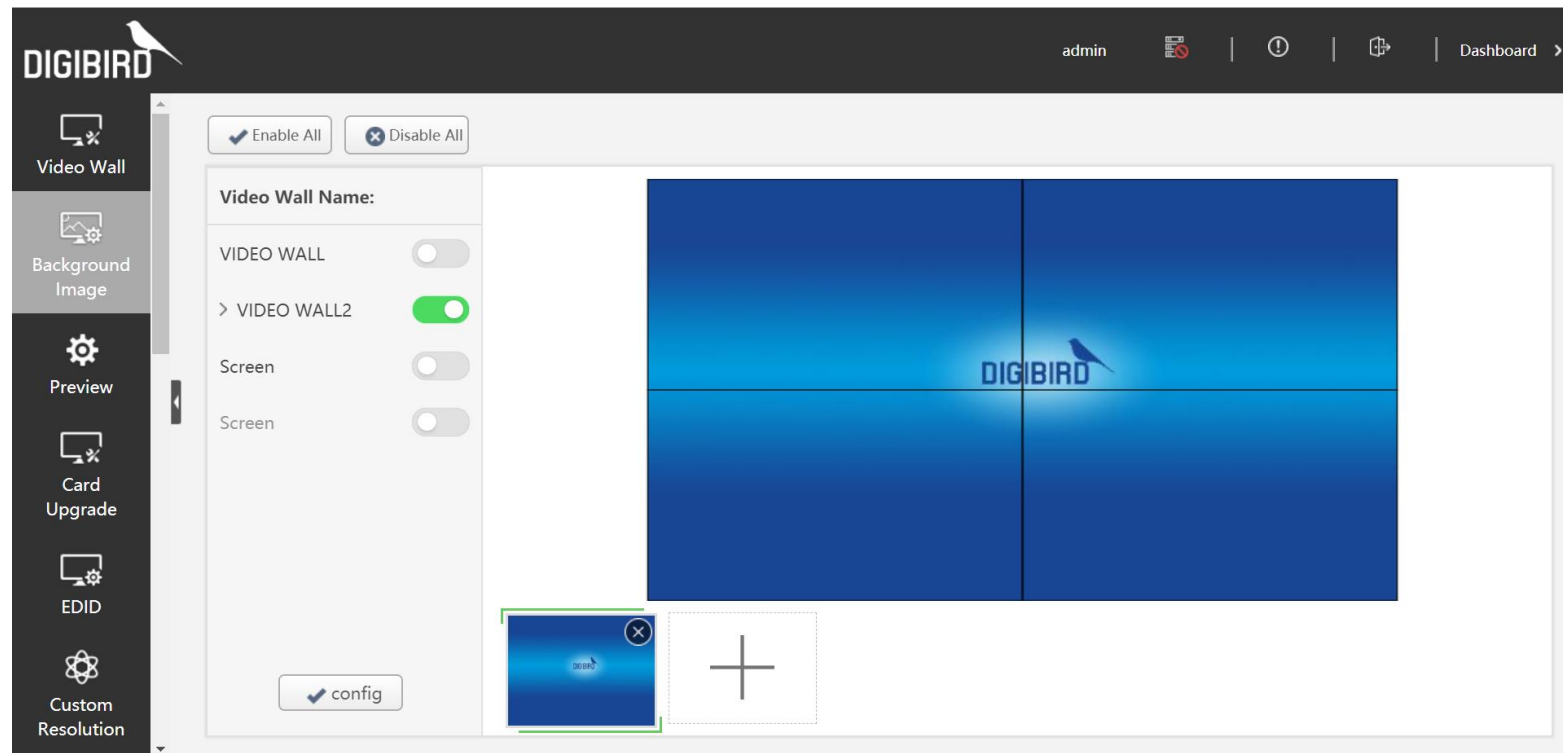
- 1) Select <Echo Config>
- 2) User can select video wall by drag-down menu, choose original aspect ratio or full screen, border color and background color.



## Background Image

A User-Defined image can be added as background image of video wall.

1. Click <Background Image> to enter setting page, click  to add a background image.
2. After uploading your image, select which video wall you want to display the background image and click <config>.
3. You can turn on or turn off the background image by clicking  at dashboard interface.




Note: The max resolution of background image is 8192\*4095, support JPG and BMP format.

Maximum 8 background images can be uploaded.

## User Management

Administrator can create several users and allocate different access to them to work on different part of the video wall.


### 1. Create User account

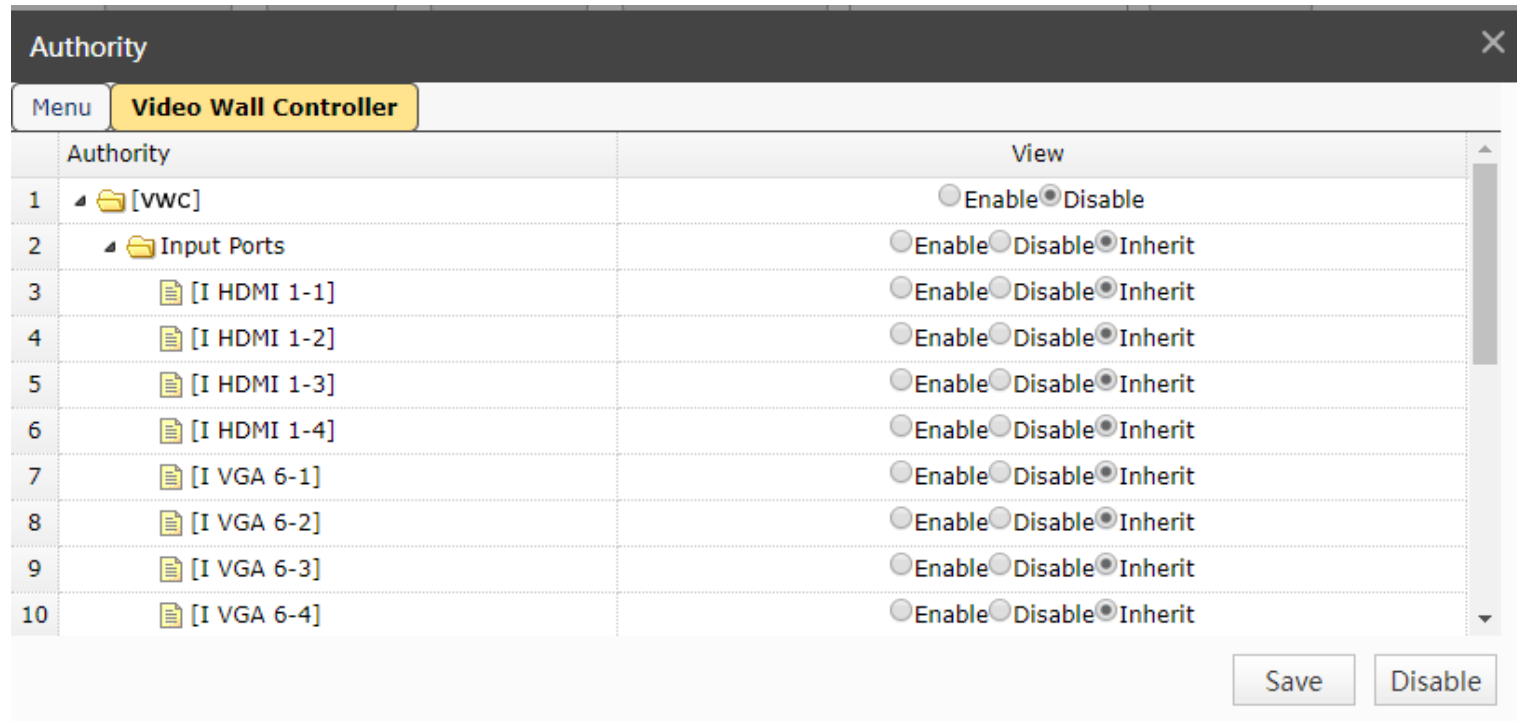
- 1) Click <Users> to enter the user settings page.
- 2) Click  to add a new user account.

Account ID	Full Name	Email	Phone	Availability
admin	admin			Yes
user	user			Yes

Input the user's information and click <Yes> to save as new user account. (Account ID, Password, Availability are required information, others are optional)

### 2. Authority Management

- 1) administrator can allocate authority for each user.
- 2) Select a user account and click  to allocate authority.
- 3) Input & output access

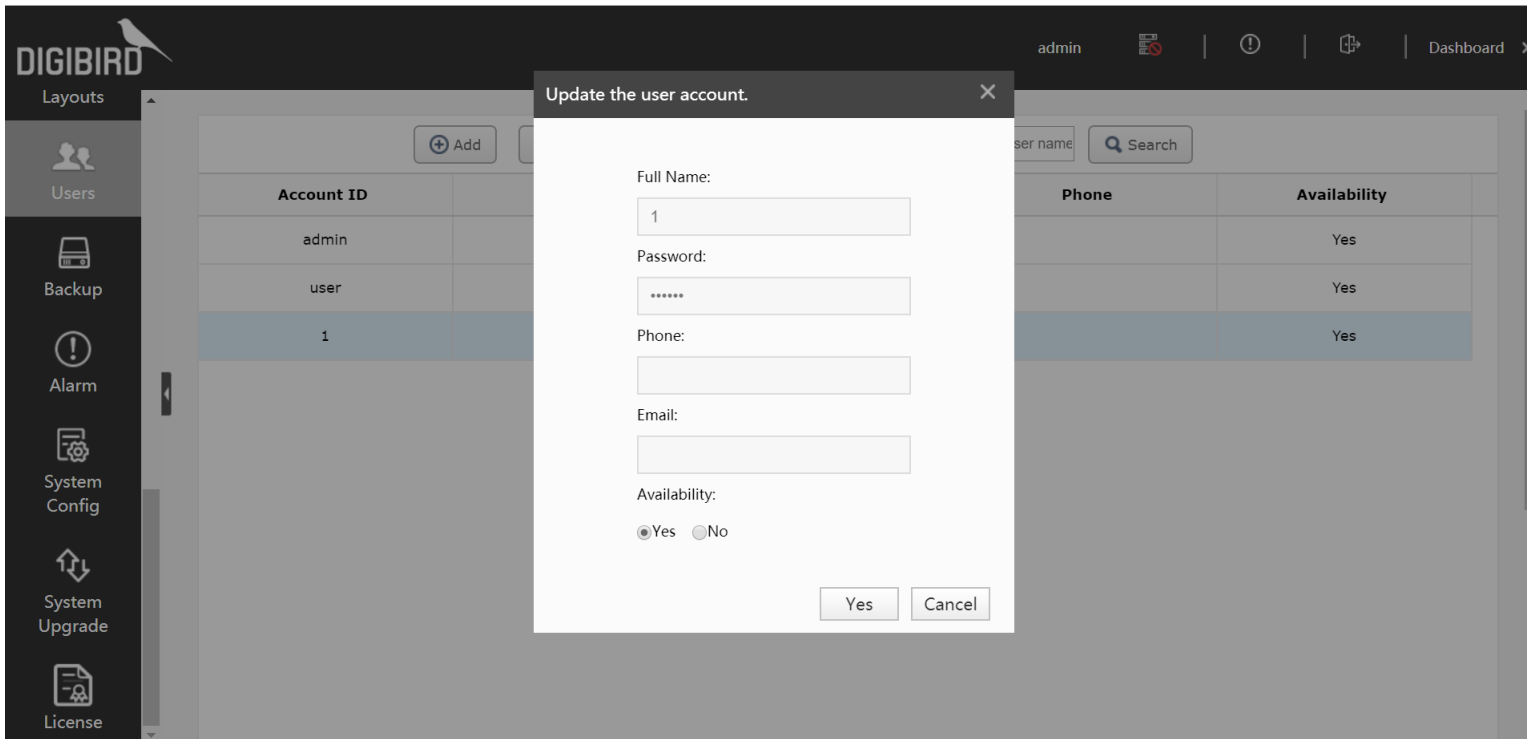


- 4) Select <Video Wall Controller>, each input/output port authority can be managed individually. “Enable” means enable the user to access this port while the “Disable” means the user can’t access.

Note: “Inherit” means follow the same status of upper level. i.e. when [I HDMI 1-1] status is ‘Inherit’ and [VWC] status is ‘Enable’ then User can view [I HDMI 1-1] port. If [VWC] status is ‘Disable’, [I HDMI 1-1] will not be shown on <Input Source List>

## Edit Account

Select the account and click  to edit account information.



The screenshot displays the DIGIBIRD user management interface. A modal dialog box titled "Update the user account." is open, allowing for the editing of user information. The background shows a table of users with columns for Account ID, Name, Phone, and Availability. The user with Account ID "1" is selected.


Account ID	Name	Phone	Availability
admin	admin		Yes
user	user		Yes
1			Yes

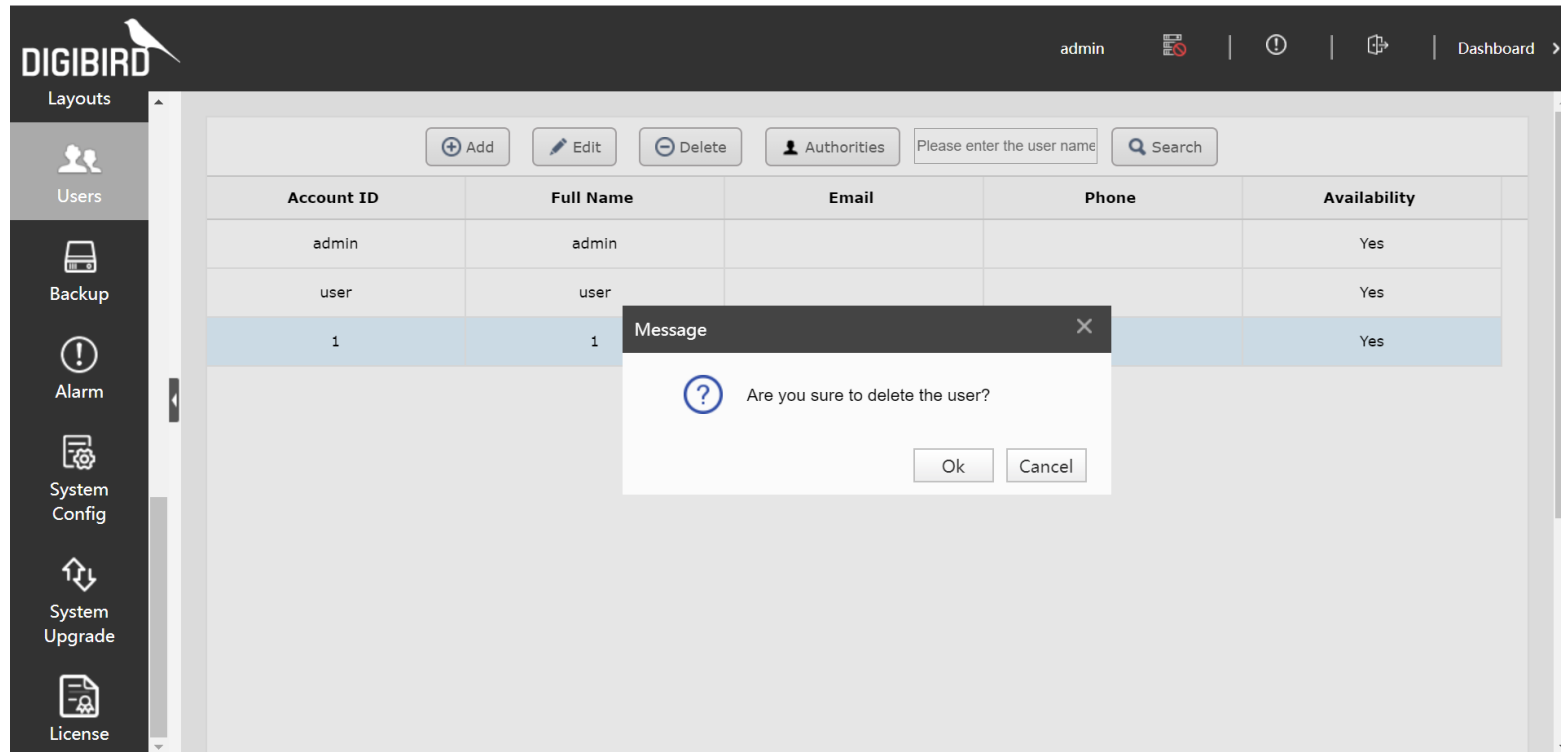
The "Update the user account." dialog box contains the following fields and options:

- Full Name:
- Password:
- Phone:
- Email:
- Availability:  Yes  No

Buttons: Yes, Cancel

## Delete Account

Select target account, click  Delete to delete.

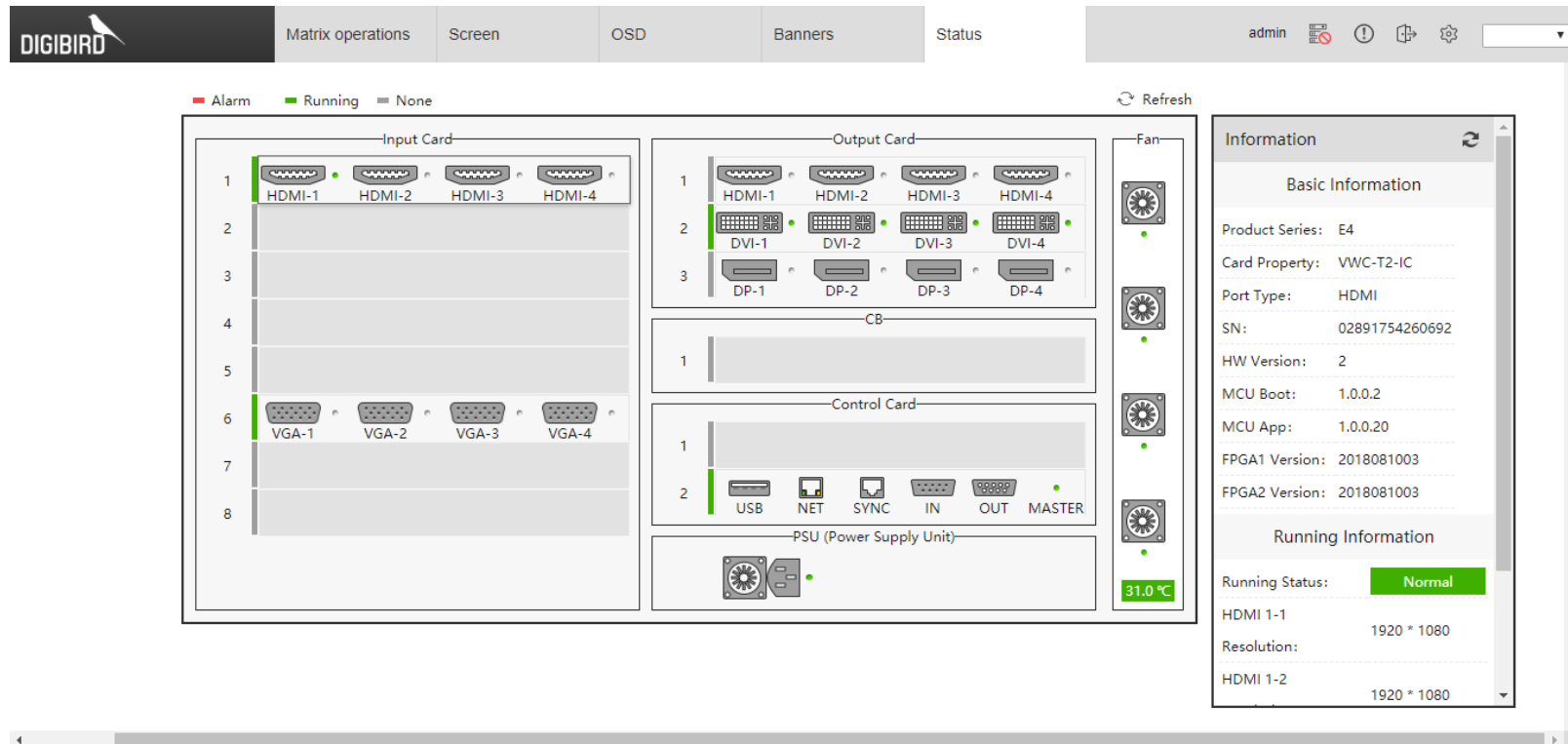


The screenshot shows the DIGIBIRD user management interface. A confirmation dialog box is displayed over a table of users. The dialog asks, "Are you sure to delete the user?" and provides "Ok" and "Cancel" buttons. The table below shows the user data:

Account ID	Full Name	Email	Phone	Availability
admin	admin			Yes
user	user			Yes
1	1			Yes

## Firmware Management

In the dashboard page, click <Status> to check the firmware's information.



The screenshot displays the DIGIBIRD dashboard's 'Status' page. The top navigation bar includes 'Matrix operations', 'Screen', 'OSD', 'Banners', and 'Status'. The main content area is divided into several sections:

- Legend:** Alarm (red square), Running (green square), None (grey square).
- Input Card:** Shows 8 slots. Slots 1 and 6 have green bars, indicating they are running normally. Slots 2, 3, 4, 5, 7, and 8 have grey bars, indicating they are not configured.
- Output Card:** Shows 12 slots (HDMI-1 to DP-4). Slots 1, 2, 3, and 4 have green bars, indicating they are running normally. Slots 5, 6, 7, and 8 have grey bars.
- CB (Control Board):** Shows 1 slot with a grey bar.
- Control Card:** Shows 2 slots. Slot 1 has a grey bar. Slot 2 has a green bar and icons for USB, NET, SYNC, IN, OUT, and MASTER.
- PSU (Power Supply Unit):** Shows 1 slot with a green bar.
- Fan:** Shows 4 fans, all with green bars, indicating they are running normally.
- Temperature:** A green bar indicates a temperature of 31.0 °C.
- Information Panel:**
  - Basic Information:**
    - Product Series: E4
    - Card Property: VWC-T2-IC
    - Port Type: HDMI
    - SN: 02891754260692
    - HW Version: 2
    - MCU Boot: 1.0.0.2
    - MCU App: 1.0.0.20
    - FPGA1 Version: 2018081003
    - FPGA2 Version: 2018081003
  - Running Information:**
    - Running Status: **Normal** (green box)
    - HDMI 1-1 Resolution: 1920 \* 1080
    - HDMI 1-2 Resolution: 1920 \* 1080

### Status introduction

1. System will auto detect chassis size and configuration.
2. System will auto detect I/O cards and function cards in the Chassis.
3. Green bar in front of card indicates running normal.
4. Red bar in front indicates running abnormal.
5. Grey bar indicates no cards or inserted cards non-configured yet.



6. Green indicator in I/O cards stands for available input or output, grey indicator stands for un-available input/output or output port not configured yet.
7. Click on any cards i.e PSU, Fan etc, user can get real time running status.

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Refresh	Refresh device status.
Manufacturing Info	Manufacturing information including hardware version, serial number etc.
Running Status	Display normal or abnormal running status.
Temperature	Display card ambient temperature and chips temperature.
Input resolution	Display actual input resolution.
Fans	Display fans rotation speed in real time.
PSU	Display current power consumption.
Alarm	Alarm should be any abnormal.

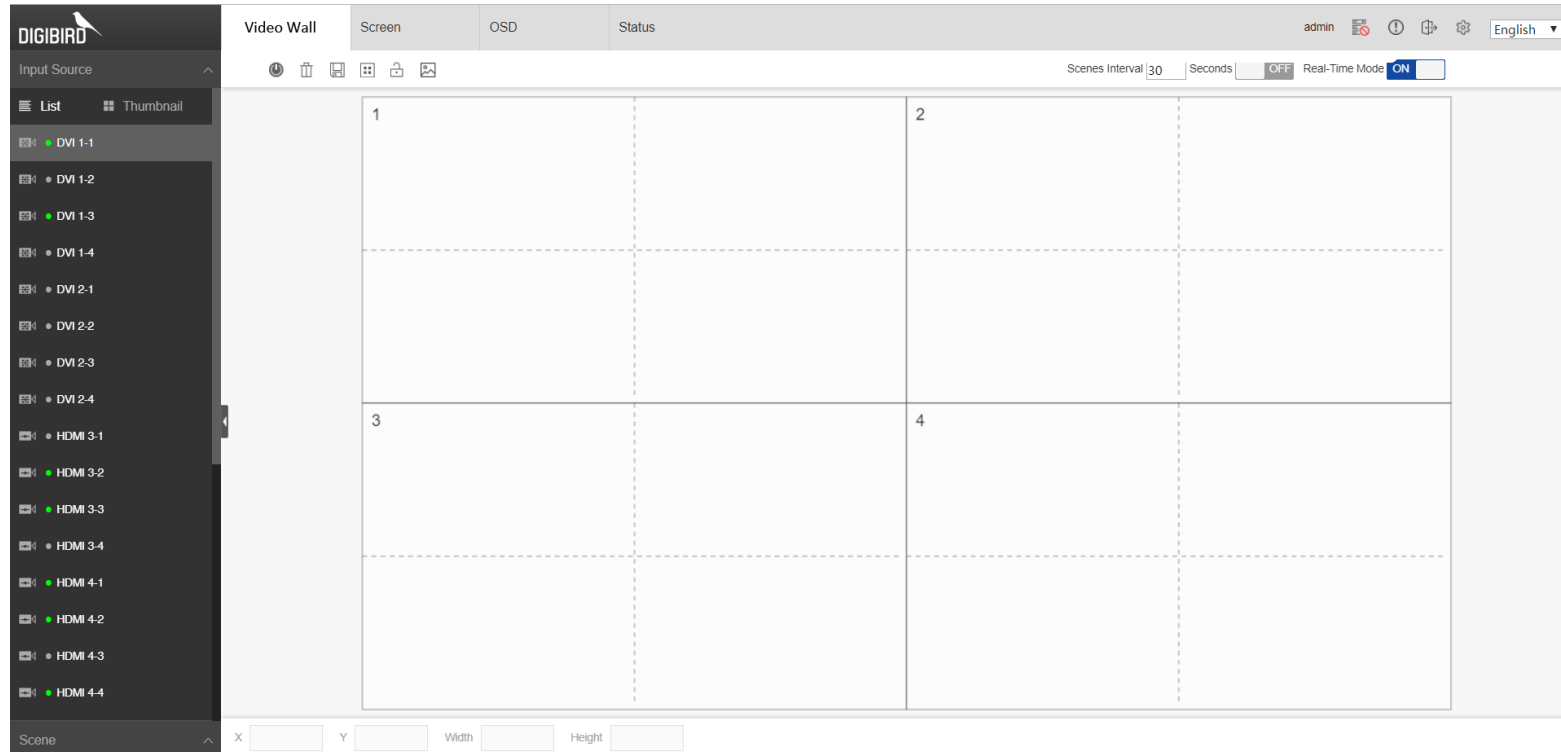
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## Turn off and Turn on


### 1. Turn off

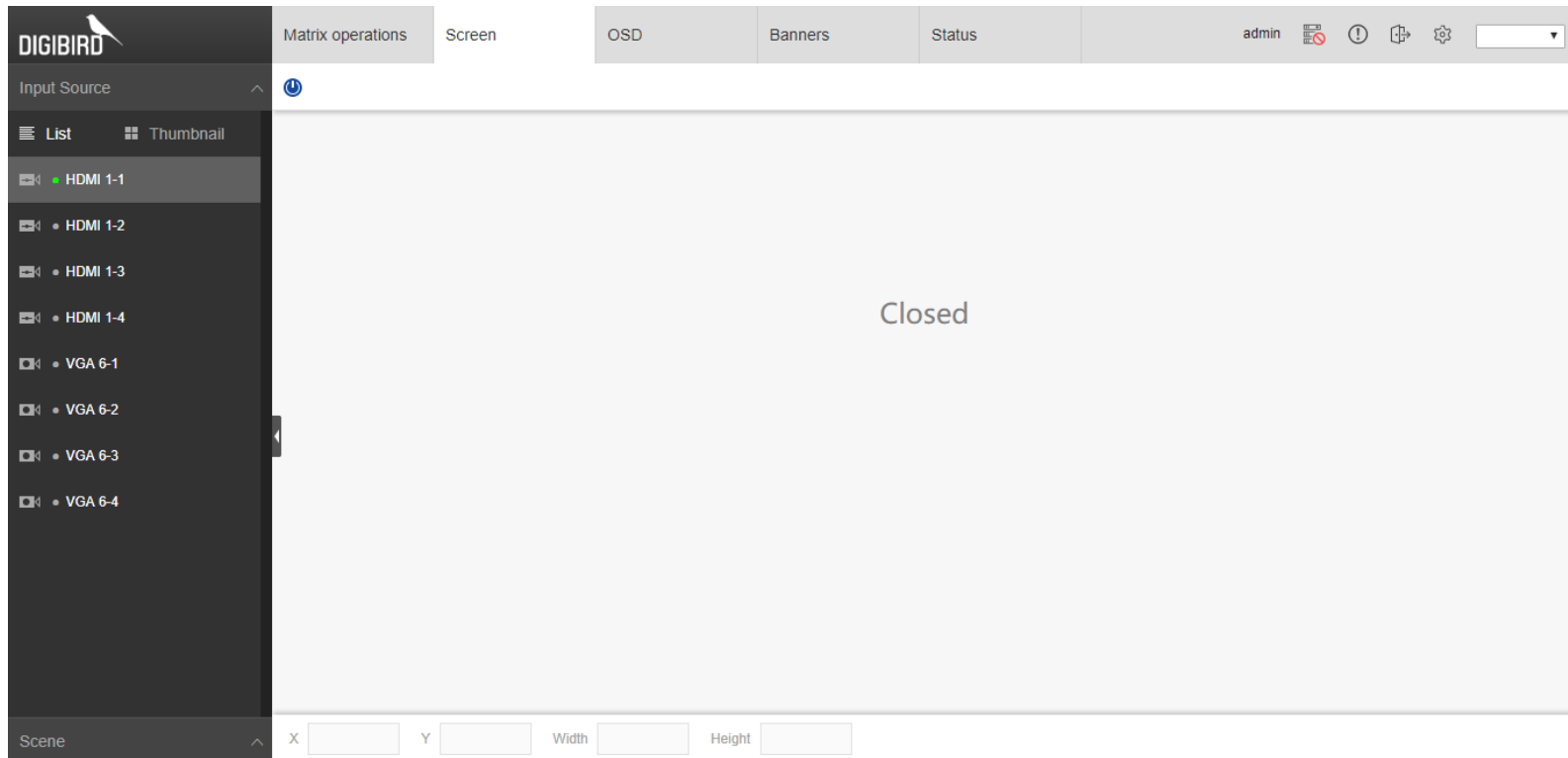
In dashboard page, click: , to turn off the VWC.



The screenshot shows the DIGIBIRD Video Wall control interface. On the left is a dark sidebar with the DIGIBIRD logo and a list of input sources under 'Input Source'. The list includes DVI 1-1 through DVI 2-4 and HDMI 3-1 through HDMI 4-4. The main area is titled 'Video Wall' and contains a 2x2 grid of video screens labeled 1, 2, 3, and 4. Above the grid are control buttons for power, trash, and other functions. At the top right, there are settings for 'Scenes Interval' (30), 'Seconds' (OFF), and 'Real-Time Mode' (ON). The bottom of the interface has a 'Scene' section with input fields for X, Y, Width, and Height.

## 2. Turn on

In dashboard page, while the VWC is in 'Turn off' status, click  to turn it on.

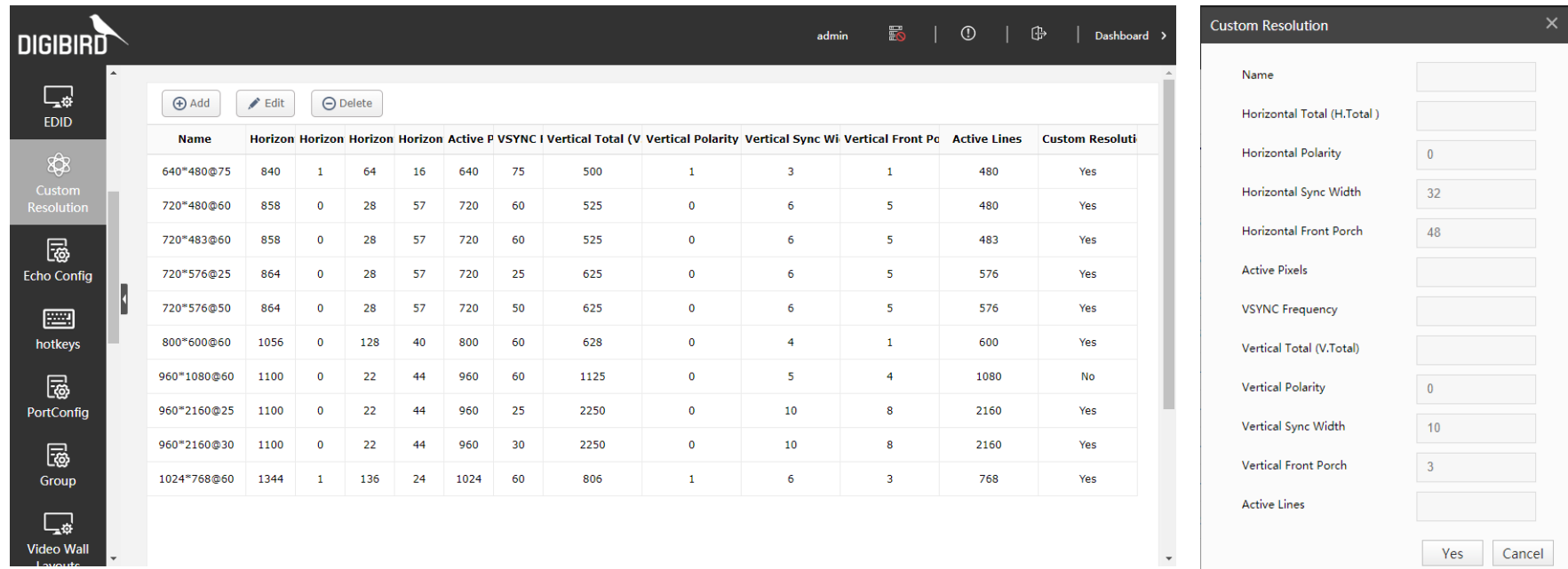


The screenshot displays the DIGIBIRD dashboard interface. At the top, there is a navigation bar with tabs for 'Matrix operations', 'Screen', 'OSD', 'Banners', and 'Status'. The 'Matrix operations' tab is active, and the 'Screen' sub-tab is selected. The main content area shows a large grey rectangle with the word 'Closed' centered in the middle. On the left side, there is a dark sidebar with the DIGIBIRD logo and a list of input sources under the heading 'Input Source'. The list includes 'HDMI 1-1' (highlighted with a green dot), 'HDMI 1-2', 'HDMI 1-3', 'HDMI 1-4', 'VGA 6-1', 'VGA 6-2', 'VGA 6-3', and 'VGA 6-4'. At the bottom of the sidebar, there is a 'Scene' section with input fields for 'X', 'Y', 'Width', and 'Height'. The top right corner of the dashboard shows the user 'admin' and several utility icons.

## Custom Resolution

If the video wall screens are not regular resolution, we can set up 'Custom Resolution' to output to the video wall screen.

- 1) Select <Custom Resolution>, click  to add a new resolution.
- 2) Input the resolution you need and save.
- 3) After adding the new resolution, go to the video wall page and select the resolution you added.



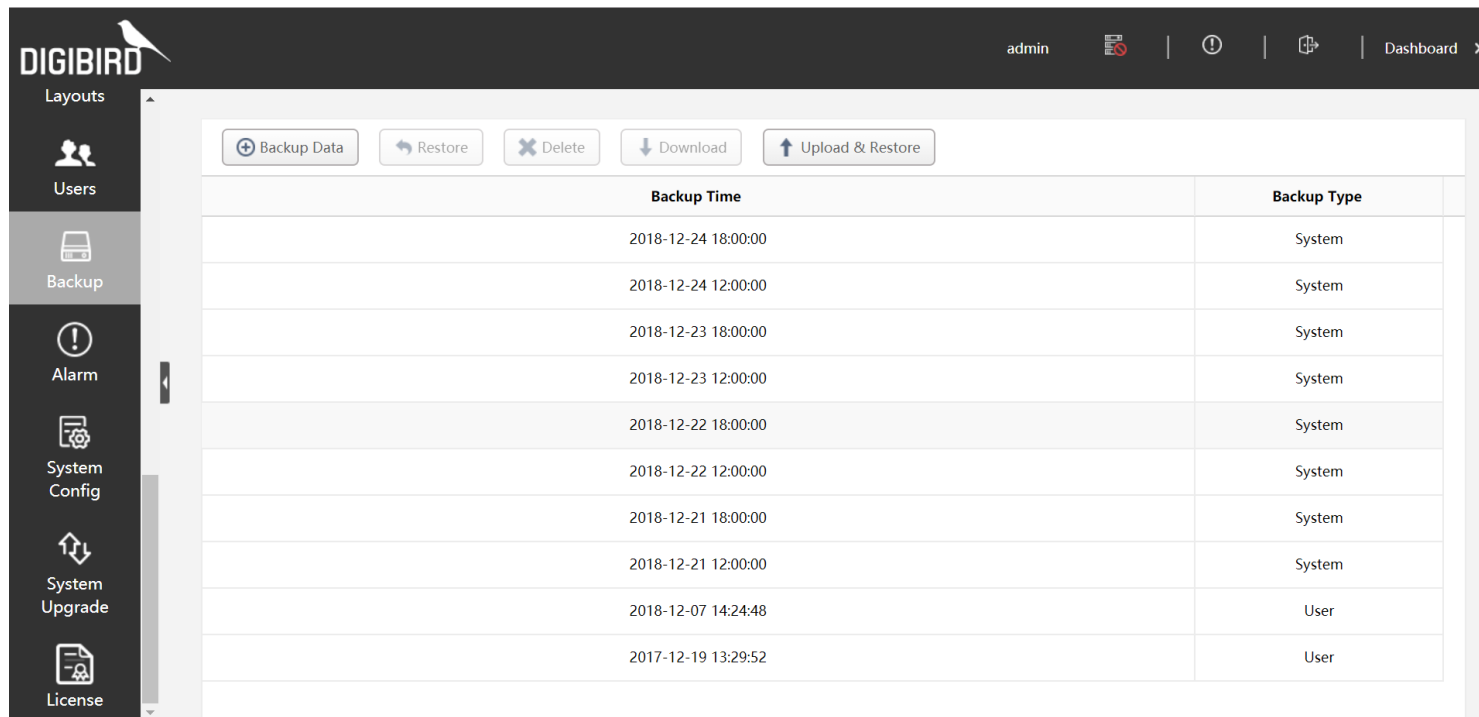
The screenshot displays the DIGIBIRD web interface. On the left is a navigation sidebar with options: EDID, Custom Resolution (selected), Echo Config, hotkeys, PortConfig, Group, and Video Wall Layouts. The main content area shows a table of existing custom resolutions with columns: Name, Horizon, Active P, VSYNC I, Vertical Total (V), Vertical Polarity, Vertical Sync Wi, Vertical Front Pc, Active Lines, and Custom Resoluti. Above the table are buttons for Add, Edit, and Delete. A modal dialog titled 'Custom Resolution' is open on the right, containing input fields for: Name, Horizontal Total (H.Total), Horizontal Polarity, Horizontal Sync Width, Horizontal Front Porch, Active Pixels, VSYNC Frequency, Vertical Total (V.Total), Vertical Polarity, Vertical Sync Width, Vertical Front Porch, and Active Lines. At the bottom of the modal are 'Yes' and 'Cancel' buttons.

Name	Horizon	Horizon	Horizon	Horizon	Active P	VSYNC I	Vertical Total (V)	Vertical Polarity	Vertical Sync Wi	Vertical Front Pc	Active Lines	Custom Resoluti
640*480@75	840	1	64	16	640	75	500	1	3	1	480	Yes
720*480@60	858	0	28	57	720	60	525	0	6	5	480	Yes
720*483@60	858	0	28	57	720	60	525	0	6	5	483	Yes
720*576@25	864	0	28	57	720	25	625	0	6	5	576	Yes
720*576@50	864	0	28	57	720	50	625	0	6	5	576	Yes
800*600@60	1056	0	128	40	800	60	628	0	4	1	600	Yes
960*1080@60	1100	0	22	44	960	60	1125	0	5	4	1080	No
960*2160@25	1100	0	22	44	960	25	2250	0	10	8	2160	Yes
960*2160@30	1100	0	22	44	960	30	2250	0	10	8	2160	Yes
1024*768@60	1344	1	136	24	1024	60	806	1	6	3	768	Yes

## Backup

Users can save the current system configuration as a backup file to local PC or upload the previous backup file to restore.

- 1) Select <Backup>, click <Backup Data> to save the current configuration as a new backup.
- 2) Select one backup and click <Restore> to restore the system configuration.
- 3) Select one backup and click <Download> to download the backup file to local.
- 4) Click <Upload & Restore>, choose a previous backup file from local and upload to restore.



The screenshot shows the DIGIBIRD Backup management interface. The top navigation bar includes the DIGIBIRD logo, the user name 'admin', and a 'Dashboard' link. The left sidebar contains menu items for Layouts, Users, Backup (highlighted), Alarm, System Config, System Upgrade, and License. The main content area features a table with columns for Backup Time and Backup Type. Above the table are five action buttons: Backup Data, Restore, Delete, Download, and Upload & Restore. The table contains 12 rows of backup records.

Backup Time	Backup Type
2018-12-24 18:00:00	System
2018-12-24 12:00:00	System
2018-12-23 18:00:00	System
2018-12-23 12:00:00	System
2018-12-22 18:00:00	System
2018-12-22 12:00:00	System
2018-12-21 18:00:00	System
2018-12-21 12:00:00	System
2018-12-07 14:24:48	User
2017-12-19 13:29:52	User

**DIGIBIRD** admin | Dashboard >

Layouts  
Users  
**Backup**  
Alarm  
System Config  
System Upgrade  
License

Backup Data Restore Delete Download Upload & Restore

Backup Time	Backup Type
2018-12-24 18:00:00	System
	System
	System
	System
	System
	System
2018-12-21 18:00:00	System
2018-12-21 12:00:00	System
2018-12-07 14:24:48	User
2017-12-19 13:29:52	User

Upload & Restore

Please choose a file.

Upload

0%

## System Config

Change the IP address of the VWC

Select <System Config>, enter the new IP address and click <Save>.

### System Config

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#### IP

After the IP address of the device is modified, it will automatically jump to the IP address. Make sure that the target IP is correct and valid before you modify it.