

G3 NET 2K Quick Start



- LED Display
- Seamless Switching
- Instant TAKE
- Built-in Monitoring
- Preview Output
- PIP, Scale and Map
- Test Patterns
- Art-Net On Board
- EDID management
- Direct LED Connection

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Product Introduction

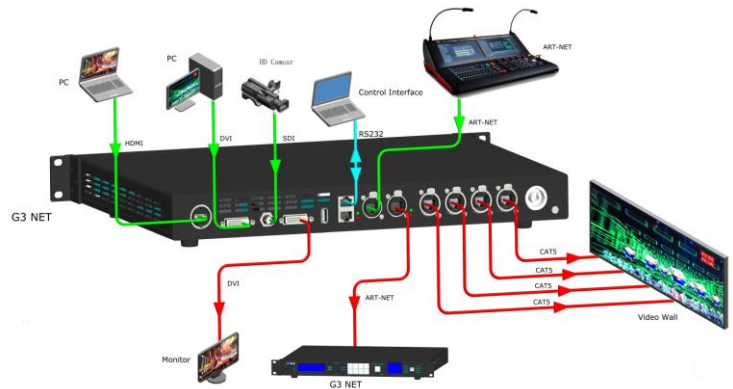
Truly bringing together integrated video control for LED displays, G3 NET is not only a LED display controller a video scaler and switcher, but enables full remote control and automation via the industry standard Art-Net protocol.

With Art-Net, G3 NET can be controlled from lighting controllers and any device providing Art-Net control. Art-Net networks can be widely distributed over an IP network infrastructure. RGBlink has implemented an extensive feature set with DMX512 channels to control source switching, scaling, and on board LED Sender Card features directly.

In multi device applications, lighting, media servers, video switching and LED Display can be controlled as one system in a coordinated way.

System Connection

RGBlink offers solutions to demanding technical problems. Any application questions, or required further information, please contact with our customer Support Engineers.



G3 NET 2K System Connection Diagram

Packing Configuration

DVI Cable



Antistatic Bag

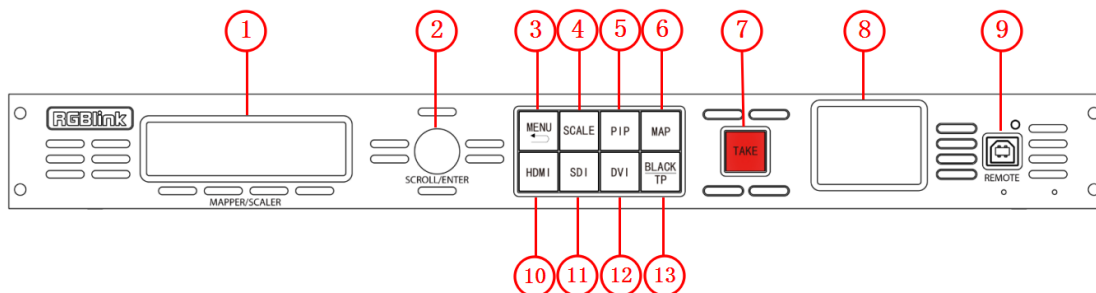


QC Declaration



Hardware Orientation

Front Panel



Display

1	<u>OLED Display</u> Displays current status of the product, and for feature selections provides interactive choices in conjunction with buttons on the front panel.
8	<u>LCD Display</u> Displays the video, for preview.

Multi-Function Buttons

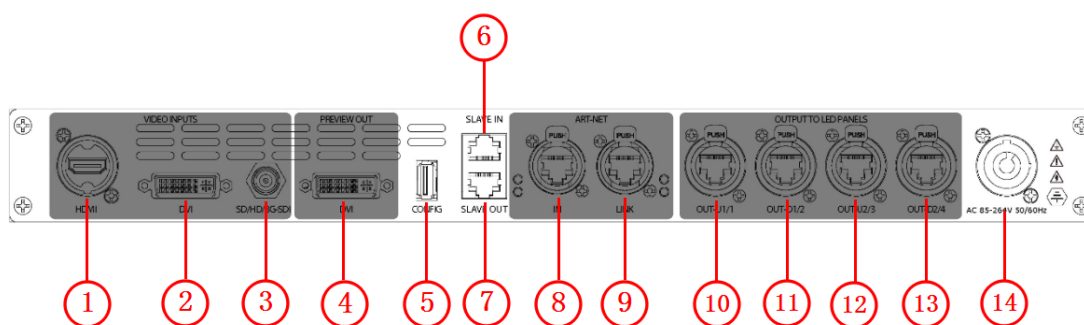
2	<u>Rotary Button</u> This button used for menu selections and confirmation. The button is both rotary (turn to left and right), and push-button (confirm selection)
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Illuminated Buttons

3	<u>MENU Button</u> This button used for menu selections. Push the button again will return to the last level menu or exit the menu.
4	<u>SCALE Button</u> This button used for size and position adjusting.
5	<u>PIP Button</u> This button used for single and double image switching.
6	<u>MAP Button</u> This button used for sender card controlling.
7	<u>TAKE Button</u> This button used for seamless effect switching.

13	<p><u>BLACK/TP Button</u> Black and TP reused button.</p>
9	<p><u>REMOTE Interface</u> This interface used for sender card controlling.</p>
10.11.12	<p><u>Dedicated Signal Buttons</u> For each of inputs on the back panel a dedicated backlit buttons are provided. When lit, the signal is selected for use, when red light is flashing, signal is in preview or the signal is not available.</p>

Back Panel



Input Connectors

1	HDMI Input HDMI-A Port
2	DVI Input DVI-I Port
3	SDI Input BNC Port

Preview Output Connectors

4	DVI Output DVI-I Port
---	-----------------------

Control Connectors

5	USB port USB-B
6. 7	Serial port RJ45
8	ART-NET IN port RJ45
9	ART-NET LINK port RJ45
10. 11. 12. 13	Ethernet port RJ45

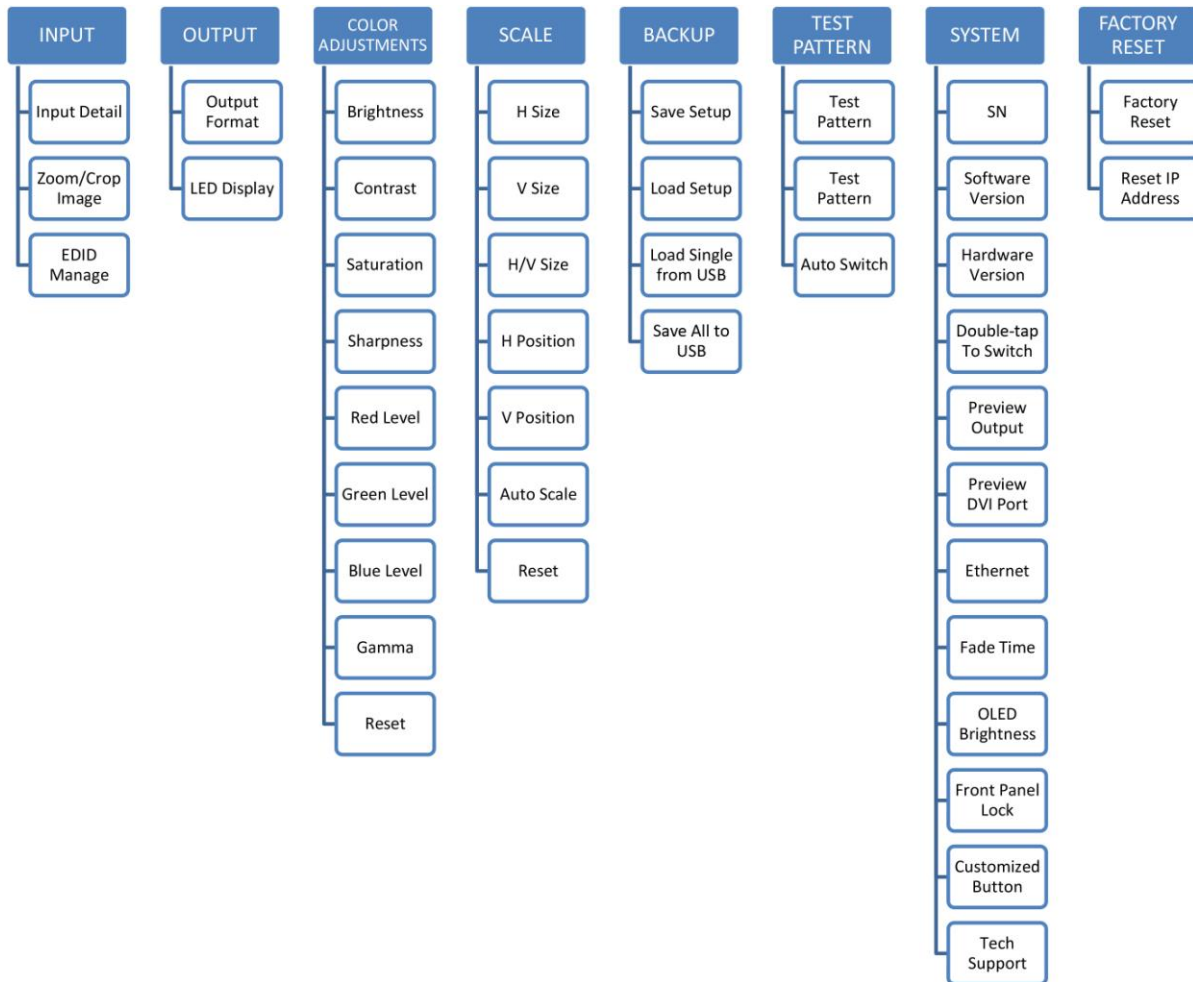
Power Connection

14	Main power input AC 85-264V, 50/60HZ, Max 35W, Neutrik.
----	---

Using Your Product

Menu Structure

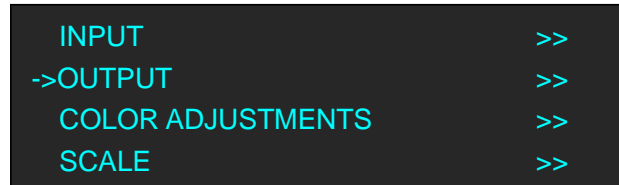
The menu structure is shown in the figure below:



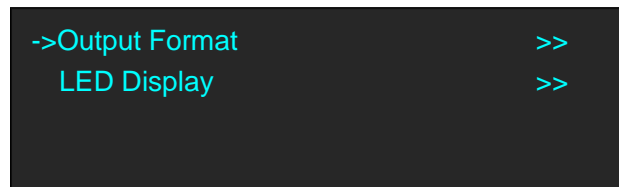
Set the Output Resolution

Select the Output Resolution

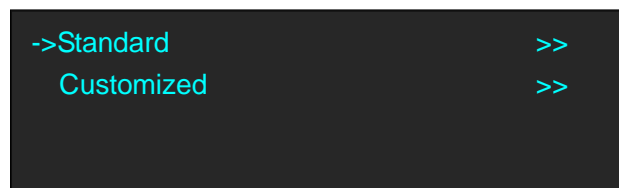
1. Push the [MENU] button, and enter to the menu items, turn the rotary knob, and select <OUTPUT>:



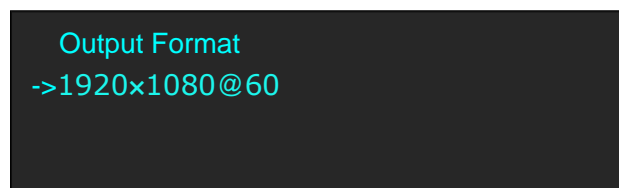
2. Push the knob to confirm, and enter to the menu items as follows:



3. Default <Output Format> option, push the knob to confirm, and enter to the menu items as follows:



4. Default <Standard> option, push the knob to confirm. Turn the rotary knob, and select the output format according to actual need.



Custom the Output Resolution

1. Push the [MENU] button, and enter to the menu items, turn the rotary knob, and select <OUTPUT>:

```
INPUT >>
->OUTPUT >>
COLOR ADJUSTMENTS >>
SCALE >>
```

2. Push the knob to confirm, and enter to the menu items as follows:

```
->Output Format >>
LED Display >>
```

3. Default <Output Format> option, push the knob to confirm, and enter to the menu items as follows:

```
->Standard >>
Customized >>
```

4. Turn the rotary knob, and select <Customized>, push the knob to confirm, and enter to the menu items as follows:

```
Standard >>
->Customized >>
```

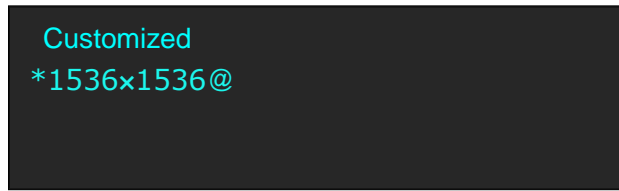


```
Customized
->1920x1080@60
```

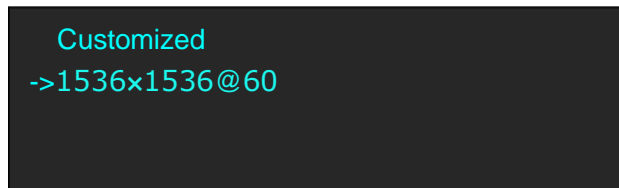
5. Turn the knob on each digital position, and change the value of the digital by the digital buttons on the front panel. For example, input 1536 as following:

```
Customized
*1536x
```

6. After the digital, push the knob will add *, means before the * is the horizontal size. Same operation for vertical size, for example, input 1536 as following:



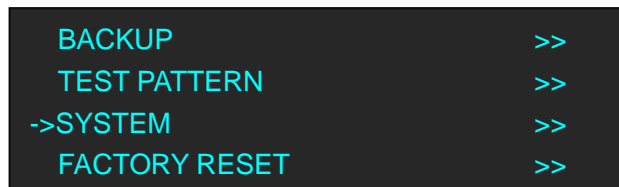
7. After the digital, push the knob will add @, means before the @ is the vertical size, and after the @ is the refresh rate. Only digital 50 or digital 60 supports for the refresh rate. Use the digital buttons to finish the settings, For example, input refresh rate 60:



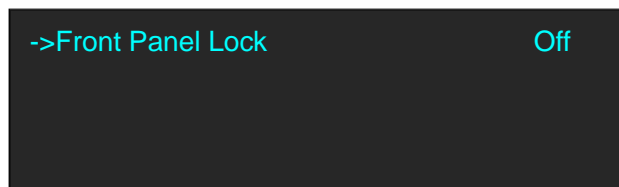
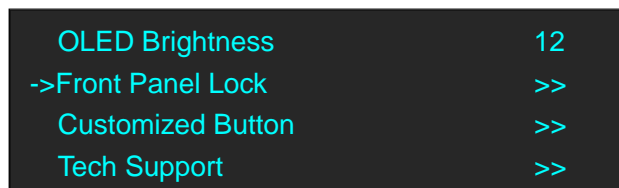
8. After input all the values, push the knob to enable G3 NET 2K to output this resolution. G3 NET 2K will take 5~10 seconds to enable this output resolution.

Using Front Panel

1. Push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <SYSTEM>.



2. Push the knob to confirm. Turn the rotary knob, and select <Front Panel Lock>, push the knob to confirm.



3. Push the knob to confirm. Turn the rotary knob again, and select "On" or "Off".

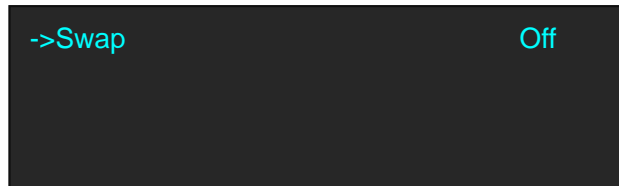
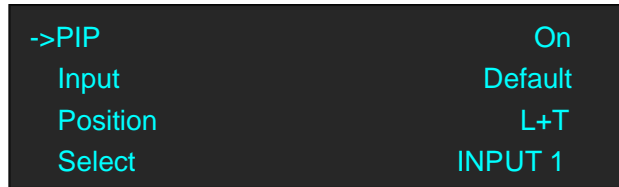
If select "On", the OLED display will prompt to input new password, input 4 digit password for two times, and the front panel will be locked. User needs to input the password for operating.

If select "Off", the front panel is unlock.

PIP Setting

G3 NET 2K supports seamless switching for single image and double images.

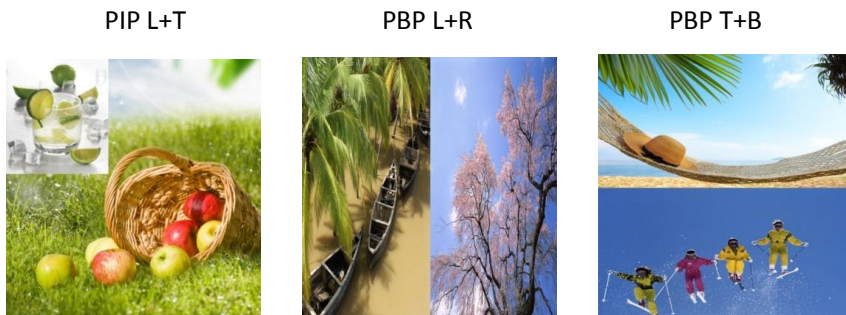
Push the [PIP] button, the LED light is on, and enter to the PIP menu items. OLED module show as follows:



PIP: The other options do not appear in the menu if select “Off”.

Input: Select which inputs to do PIP with.

Position: PIP layout selection, the corresponding results are as follows:

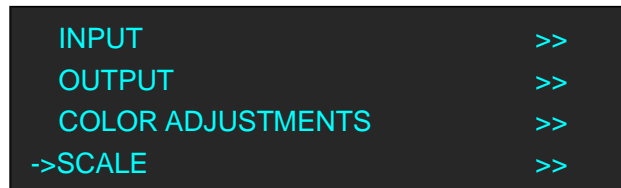


Select: Send input 1 or input 2 to do PIP with.

Swap: Select “On” or “Off”, select “On” to swap the 2 selected inputs.

Scale the Image

Push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <SCALE>, push the knob to confirm. (Or push the [SCALE] button)



Scale: Select “Scale”, push the knob to confirm.



H Size: Manually scale the image to desired width.

V Size: Manually scale the image to desired height.

H/V Size: Scale the width and height in equal proportion.

H Position: Manually position the image to the desired horizontal position.

V Position: Manually position the image to the desired vertical position.

Auto Scale: Select “Yes” or “No”, if select “Yes”, it will scale the image automatically.

Reset: Reset Crop settings to factory defaults.

Advanced: Turn the rotary knob, and select<Advanced>, push the knob to confirm.

```
Scale >>
->Advanced >>
```



```
->Scale Mode Global Scale
Zoom/Crop Image >>
```

1. If select <Scale Mode>, it will enter to the menu items as follows:

```
->Scale Mode Global Scale
Zoom/Crop Image >>
```



```
->Global Scale No
Individual Scale No
```

Global Scale: Set the single scale mode to all 3 inputs.

Individual Scale: Allow separate scale/position settings for each of the 3 inputs (HDMI, SDI, DVI).

2. If select <Zoom/Crop Image>, it will enter to the menu items as follows:

```
Scale Mode Global Scale
->Zoom/Crop Image >>
```



```
->Top 0
Bottom 0
Top/Bottom 0
Left 0
```

->Right	0
Left/Right	0
Center	0
Reset	

Top: Crop the top of the image.

Bottom: Crop the bottom of the image.

Top/Bottom: Crop the top and bottom of the image in equal proportion.

Left: Crop the left of the image.

Right: Crop the right of the image.

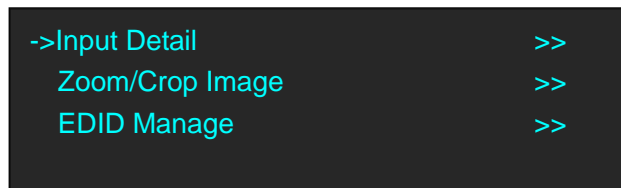
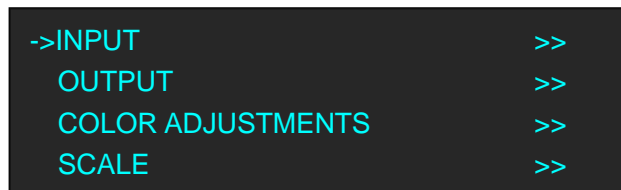
Left/Right: Crop the left and right of the image in equal proportion.

Center: Zoom from the center of image.

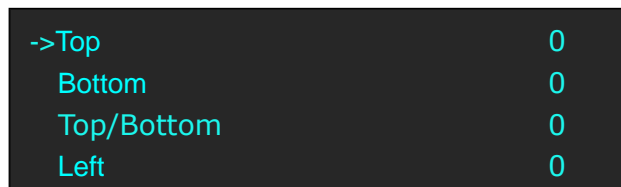
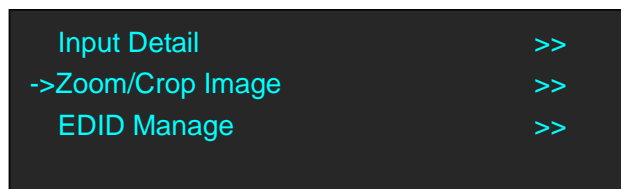
Reset: Reset Zoom/Crop settings to factory defaults.

Zoom the Image

1. Push the [MENU] button, and enter to the menu items. Default <INPUT> option, push the knob to confirm.



2. Turn the rotary knob, and select <Zoom/Crop Image>, push the knob to confirm:



Top: Crop the top of the image.

Bottom: Crop the bottom of the image.

Top/Bottom: Crop the top and bottom of the image in equal proportion.

Left: Crop the left of the image.

Right: Crop the right of the image.

Left/Right: Crop the left and right of the image in equal proportion.

Center: Zoom from the center of image.

Reset: Reset Zoom/Crop settings to factory defaults.

Custom TP Button

1. Push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <SYSTEM>.

BACKUP	>>
TEST PATTERN	>>
->SYSTEM	>>
FACTORY RESET	>>

2. Push the knob to confirm. Turn the rotary knob, and select <Customized Button>, push the knob to confirm.

OLED Brightness	12
Front Panel Lock	>>
->Customized Button	>>
Tech Support	>>



Customized Button	TP
->TP	

3. Push and turn the rotary knob, TP and BLACK can be selected.

If select <TP>, push [BLACK/TP] button, the button is lit, and enter to the TP menu items.

->Port	Port 1
Test Grid	Off
Grid Color	Red
Type	Cross

->Test Patterns	Auto Move
Moving	30
Patterns Color	White

Port: Select the port.

Test Grid: Select "On" or "Off".

Automatic: The test grid automatically matches the port, based on the LEDs/Row and Column.

Manual size: Set the width and height of each cell in the test grid.

Grid Color: Assign the grid color.

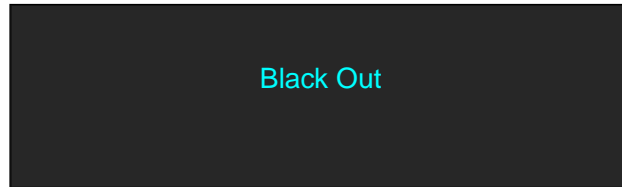
Type: Assign the grid type, to align on the cross perimeter, panel perimeter, row perimeter, column perimeter or rectangle perimeter.

Test Patterns: Select auto move or manual (manual can be selected when user select "On").

Moving: Set the moving grids time.

Patterns Color: Set or custom the patterns color bar.

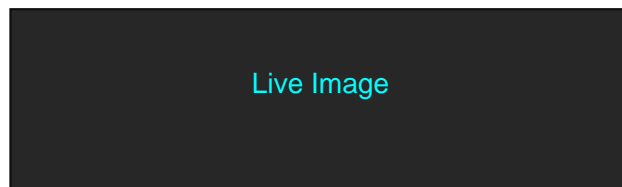
If select <BLACK>, push [BLACK/TP] button, the button is lit, and the output will be switched to black.



The effect as shown in the figure below:



Push the button again, its LED light is off, and output the live image.



Set the LED Display Connection

G3 NET 2K can connect any port to the LED display and set the layouts for the panel and select the connection order, such as connect with one port, H 1/2, V 1/2, H 1/4, V 1/4 and cross, etc, concrete operations as follows:

Regular

Crisscross

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to 4 outputs, OUT-U1/1, OUT-D1/2, OUT-U2/3 and OUT-D2/4.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

```
->Regular          >>
  Unregular        >>
  Set Width        >>
  Offset Settings  >>
```

```
->Position Settings >>
```

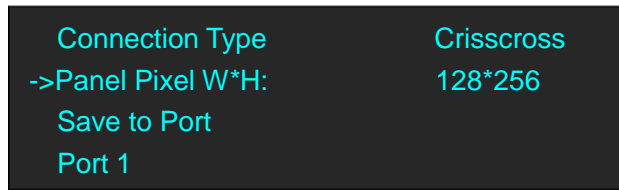
5. Default <Regular> option, push the knob and enter to the regular menu items.

```
->Connection Type   Horizontal
  Panel Pixel W*H:   1*1
  Save to Port
  Port 1
```

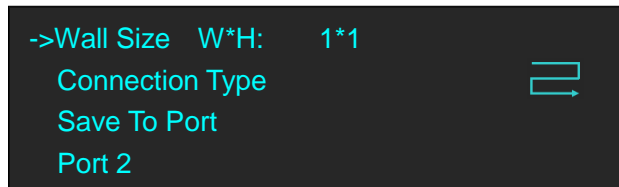
6. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. Turn the rotary again, and select <Crisscross>.

```
->Connection Type   Crisscross
  Panel Pixel W*H:   1*1
  Save to Port
  Port 1
```

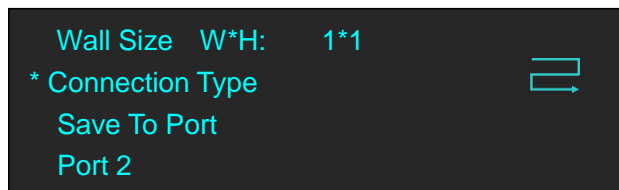
7. Turn the rotary knob, and set <Panel Pixel W*H>. For example, set Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows:



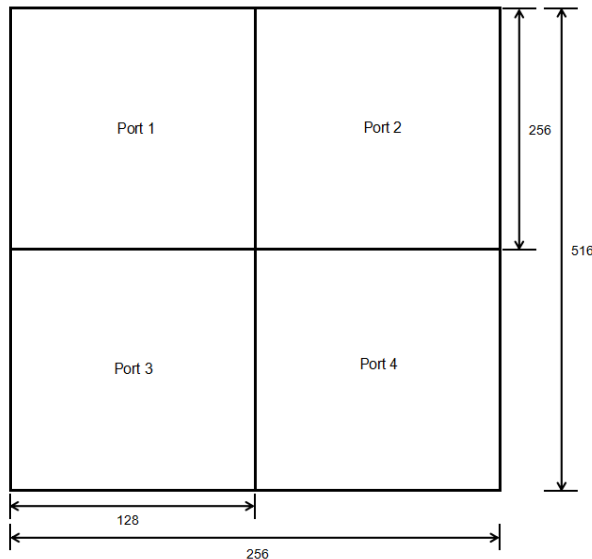
8. Select <Port 1>, <Port 2>, <Port 3>, <Port 4>, and set the Wall Size W/H. For example, set Wall Size W and Wall Size H as 1, shown as follows:



9. Turn the rotary knob, and select <Connection Type> for <Port 1>, <Port 2>, <Port 3>, <Port 4>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , , and . For example:



The connection figure is shown as below:



Horizontal

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-D1/2.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

```

->Regular                >>
  Unregular              >>
  Set Width              >>
  Offset Settings        >>

```

```

->Position Settings      >>

```

5. Default <Regular> option, push the knob and enter to the regular menu items.

```

->Connection Type        Crisscross
  Panel Pixel W*H:        1*1
  Save to Port
  Port 1

```

6. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. Turn the rotary again, and select <Horizontal>.

```

->Connection Type        Horizontal
  Panel Pixel W*H:        1*1
  Save to Port
  Port 1

```

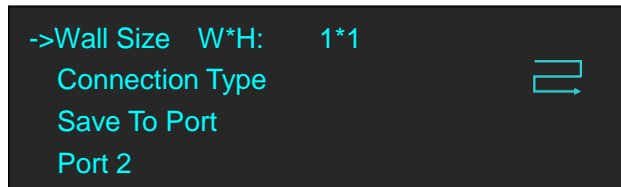
7. Turn the rotary knob, and set <Panel Pixel W*H>. For example, set Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows:


```

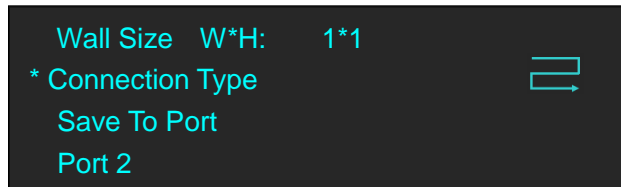
  Connection Type        Horizontal
->Panel Pixel W*H:        128*256
  Save to Port
  Port 1

```

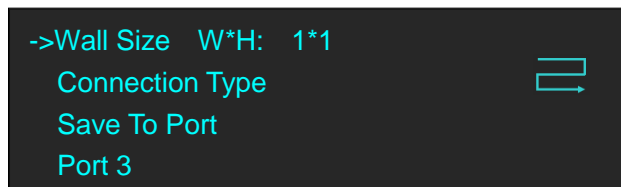
8. Select <Port 1>, and set the Wall Size W/H. For example, set Wall Size W and Wall Size H as 1, shown as follows .




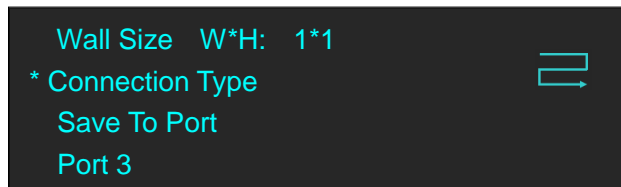
9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including .



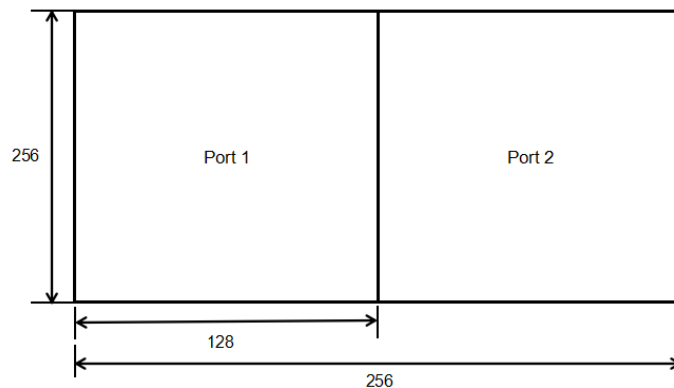
10. Select <Port 2>, and set the Wall Size W/H. For example, set Wall Size W and Wall Size H as 1, shown as follows .



11. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including .



The connection figure is shown as below:



Vertical

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-D1/2.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

```
->Regular >>
  Unregular >>
  Set Width >>
  Offset Settings >>
```

```
->Position Settings >>
```

5. Default <Regular> option, push the knob and enter to the regular menu items.

```
->Connection Type Crisscross
  Panel Pixel W*H: 1*1
  Save to Port
  Port 1
```

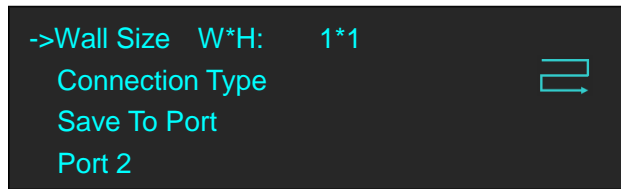
6. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. Turn the rotary again, and select <Vertical>.









```
->Connection Type Vertical
  Panel Pixel W*H: 1*1
  Save to Port
  Port 1
```

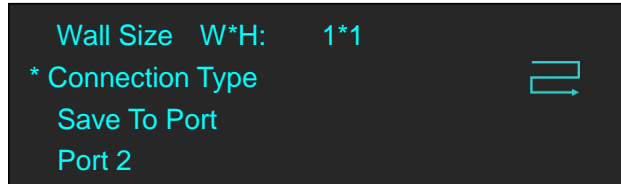
7. Turn the rotary knob, and set <Panel Pixel W*H>. For example, set Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows:

```
  Connection Type Vertical
->Panel Pixel W*H: 128*256
  Save to Port
  Port 1
```

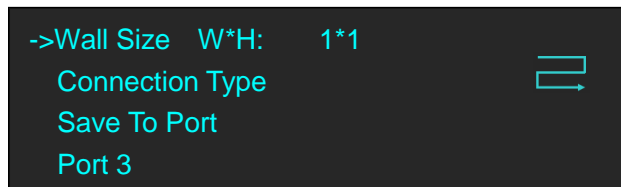
8. Select <Port 1>, and set the Wall Size W/H. For example, set Wall Size W and Wall Size H as 1, shown as follows.











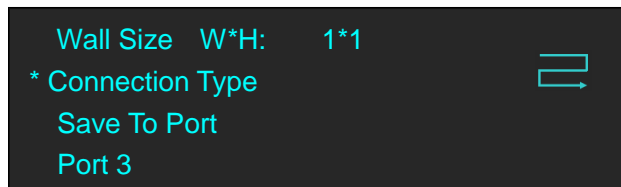
9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , ,  and .



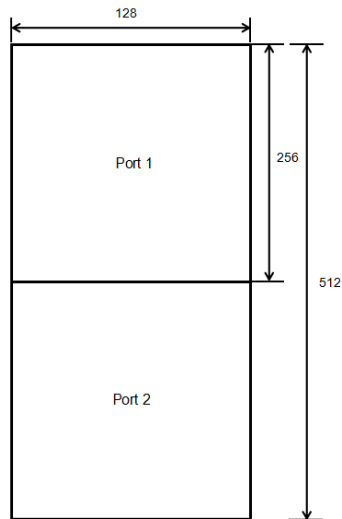
10. Select <Port 2>, and set the Wall Size W/H. For example, set Wall Size W and Wall Size H as 1, shown as follows.



11. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , ,  and .



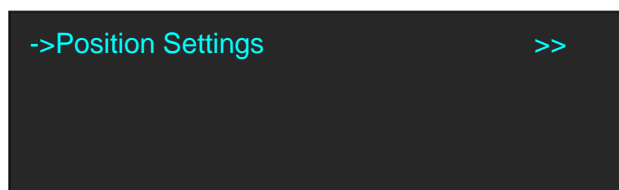
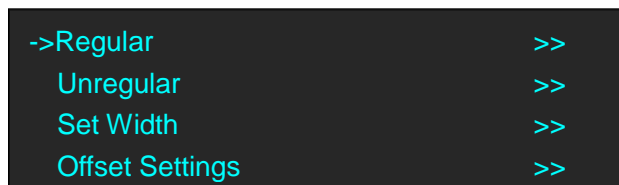
The connection figure is shown as below:



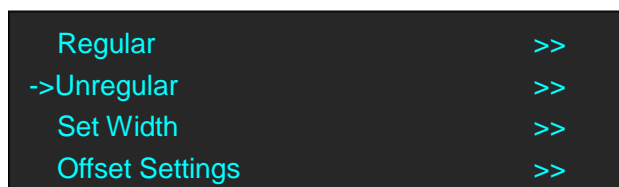
Unregular

One Port

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to any output, for example, OUT-U1/1.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).



5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.





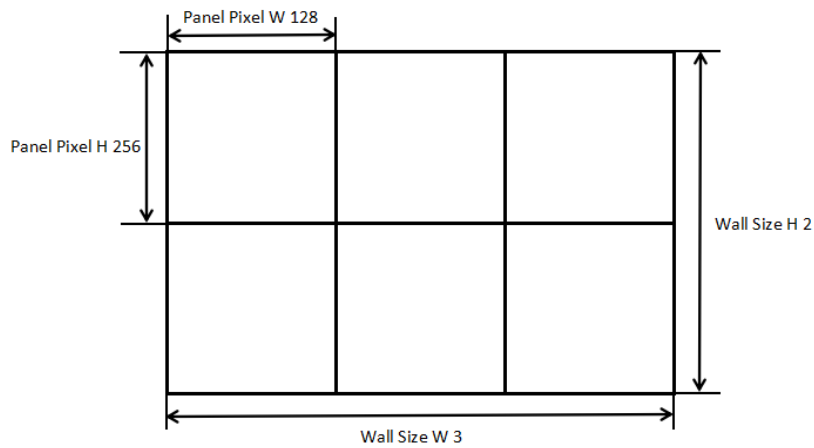
```

Port 1
->Wall Size  W*H:  1*1
Panel Pixel  W*H:  1*1
Connection Type
  
```

6. Select <Port 1>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W as 3, Wall Size H as 2, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

```

Port 1
->Wall Size  W*H:  3*2
Panel Pixel  W*H:  128*256
Connection Type
  
```



7. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including and

```

Port 1
Wall Size  W*H:  3*2
Panel Pixel  W*H:  128*256
->Connection Type
  
```

8. Turn the rotary knob, and select <Send To Port>, push the knob to confirm. All current settings with the G3 NET 2K are saved to Port 1.

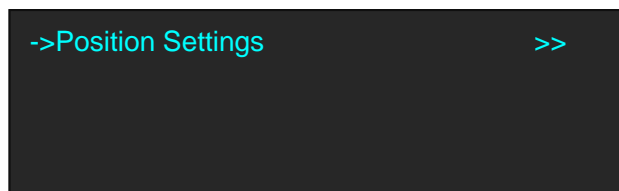
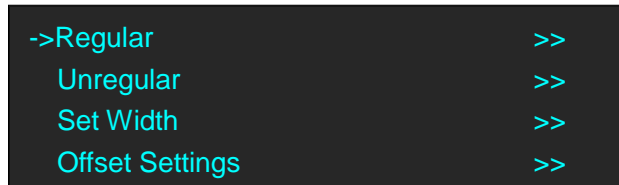
```

->Save To Port
Port 2
Wall Size  W*H:  1*1
Panel Pixel  W*H:  1*1
  
```

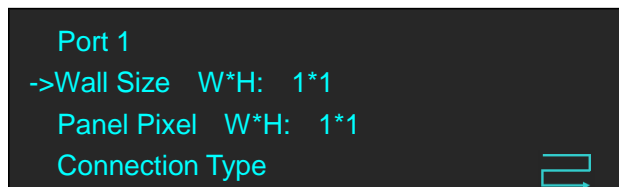
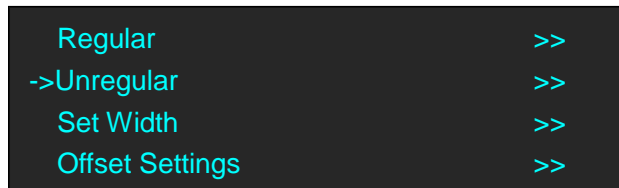
9. Same operation for Port 2, Port 3 and Port 4.

H 1/2 (Connect Port1 and Port 2, or connect Port 3 and Port 4)

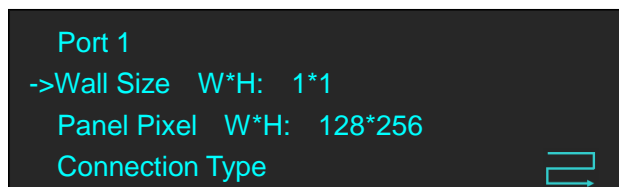
1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-D1/2.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).





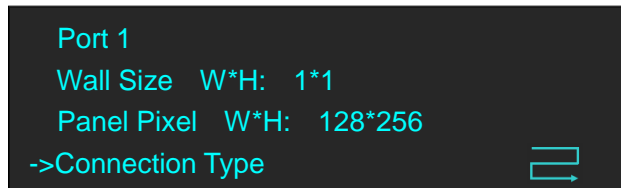
5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.



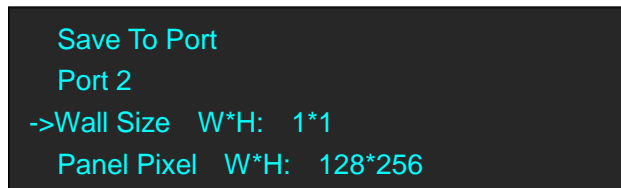
6. Select <Port 1>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.





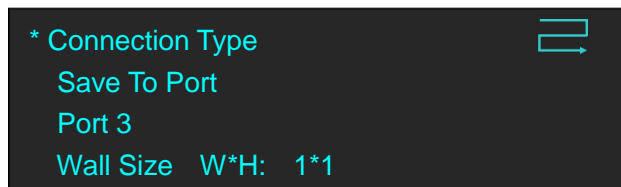
7. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including  and .



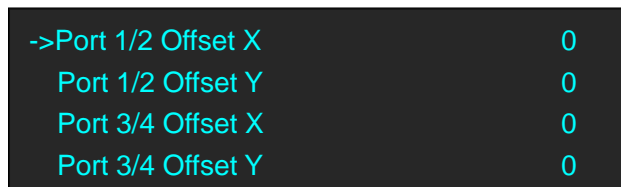
8. Select <Port 2>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.



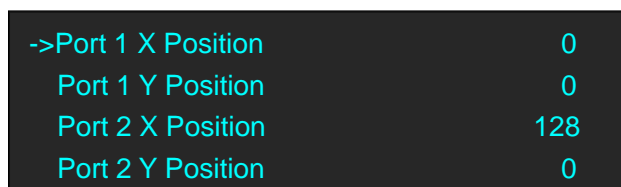
9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including  and .



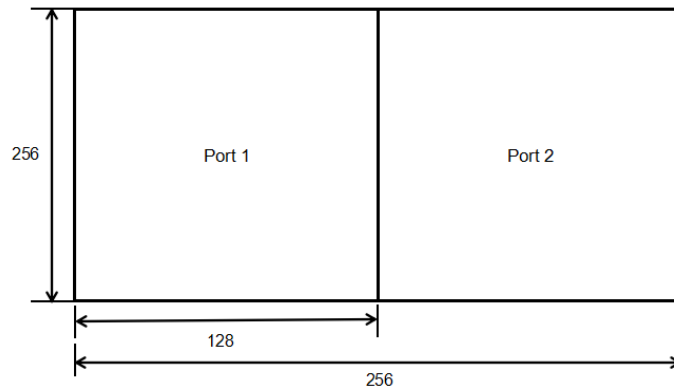
10. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X and Port 1/2 Offset Y as 0, shown as follows:



11. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set Port 1 X Position, Port 1 Y Position, Port 2 Y Position as 0 and set Port 2 X Position as 128, shown as follows:



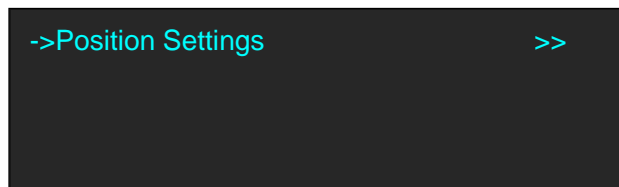
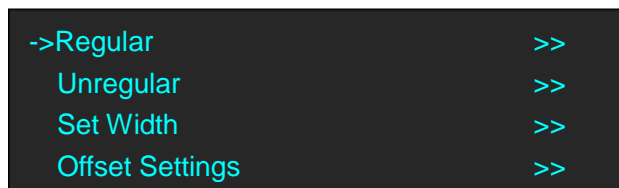
The connection figure is shown as below:



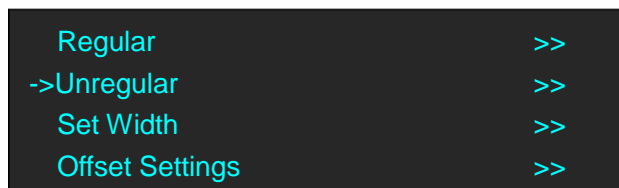
H 1/2 (Connect Port1 and Port 3 or 4, or connect Port 2 and Port 3 or 4)

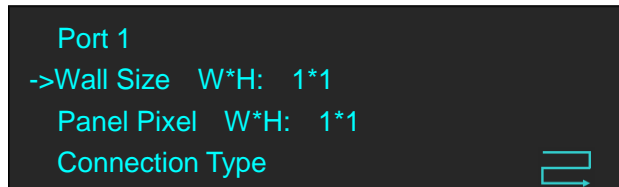
Note: This connection is not recommended.

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-U2/3.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

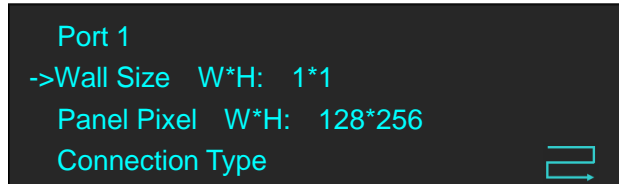




5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.

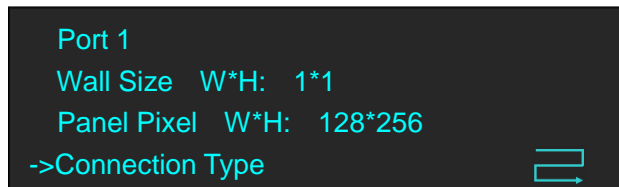




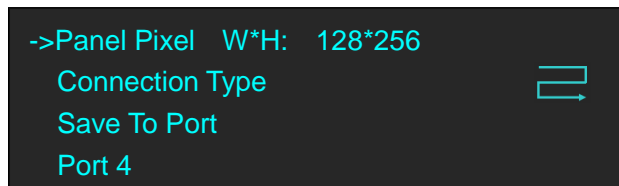
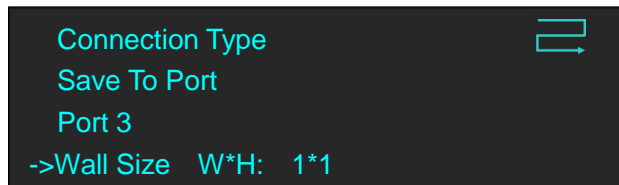
6. Select <Port 1>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

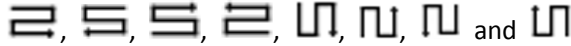



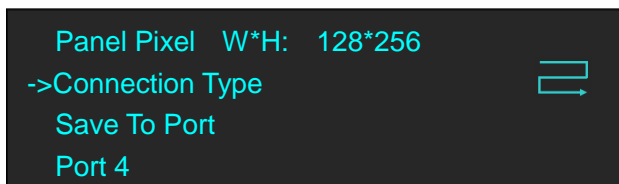
7. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including  and .



8. Select <Port 3>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.



9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including  and .



10. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X, Port 1/2 Offset Y, Port 3/4 Offset Y as 0, and set Port 3/4 Offset X as 128, shown as follows:

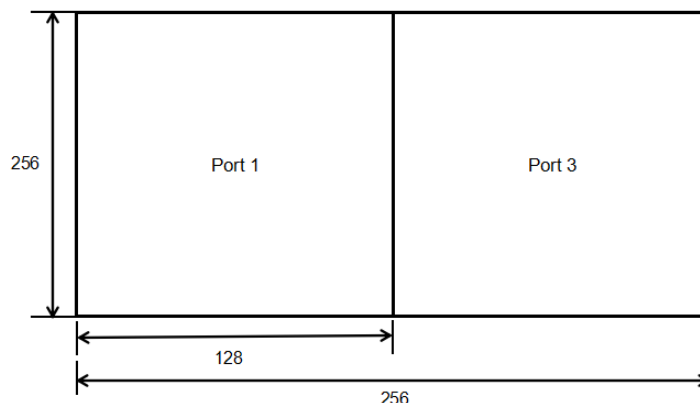
->Port 1/2 Offset X	0
Port 1/2 Offset Y	0
Port 3/4 Offset X	128
Port 3/4 Offset Y	0

11. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set all the parameters as 0, shown as follows:

->Port 1 X Position	0
Port 1 Y Position	0
Port 2 X Position	0
Port 2 Y Position	0

->Port 3 X Position	0
Port 3 Y Position	0
Port 4 X Position	0
Port 4 Y Position	0

The connection figure is shown as below:



V 1/2 (Connect Port1 and Port 2, or connect Port 3 and Port 4)

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-D1/2.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

```

->Regular >>
  Unregular >>
  Set Width >>
  Offset Settings >>

```

```

->Position Settings >>

```

5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.

```

  Regular >>
->Unregular >>
  Set Width >>
  Offset Settings >>

```



```

Port 1
->Wall Size W*H: 1*1
  Panel Pixel W*H: 1*1
  Connection Type



```

6. Select <Port 1>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

```

Port 1
->Wall Size W*H: 1*1
  Panel Pixel W*H: 128*256
  Connection Type

```

7. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including  and .

```

Port 1
  Wall Size W*H: 1*1
  Panel Pixel W*H: 128*256
->Connection Type

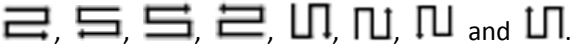
```

8. Select <Port 2>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

```

Save To Port
Port 2
->Wall Size  W*H:  1*1
Panel Pixel  W*H:  128*256

```

9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including .

```

Save To Port
Port 2
->Wall Size  W*H:  1*1
Panel Pixel  W*H:  128*256

```

10. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X and Port 1/2 Offset Y as 0, shown as follows:

```

->Port 1/2 Offset X      0
Port 1/2 Offset Y      0
Port 3/4 Offset X      0
Port 3/4 Offset Y      0

```

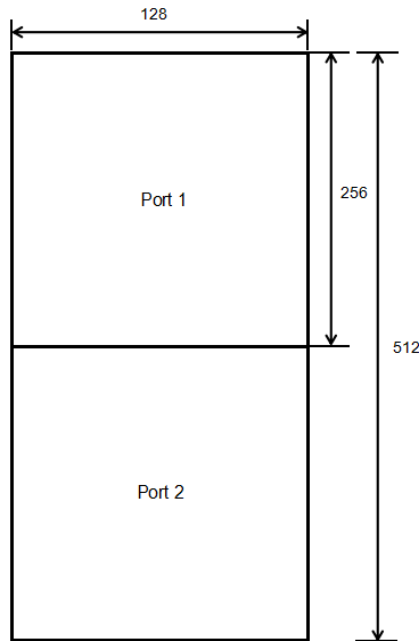
11. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set Port 1 X Position, Port 1 Y Position, Port 2 X Position as 0 and set Port 2 Y Position as 256, shown as follows:

```

->Port 1 X Position      0
Port 1 Y Position      0
Port 2 X Position      0
Port 2 Y Position      256

```

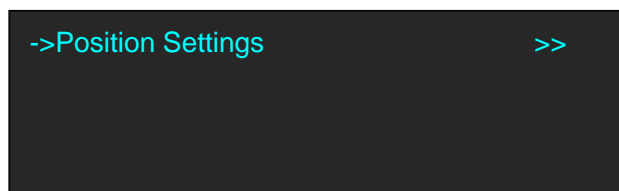
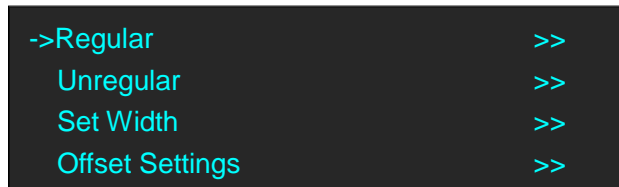
The connection figure is shown as below:



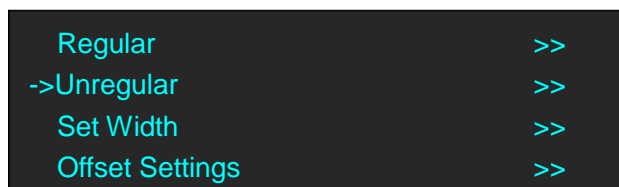
V 1/2 (Connect Port1 and Port 3 or 4, or connect Port 2 and Port 3 or 4)

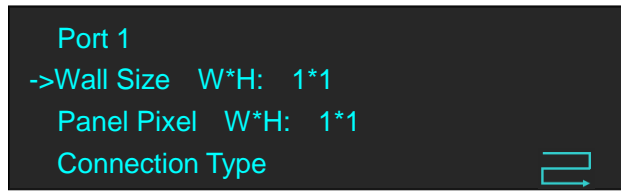
Note: This connection is not recommended.

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to outputs, for example, OUT-U1/1 and OUT-U2/3.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).

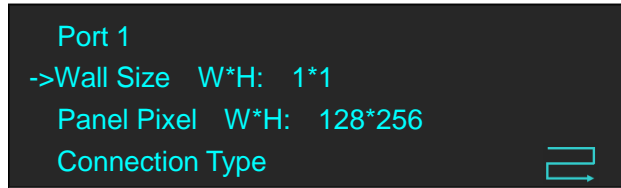


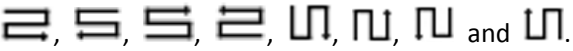
5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.

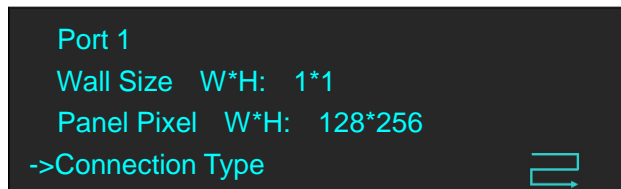




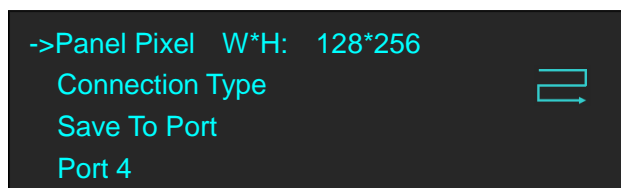
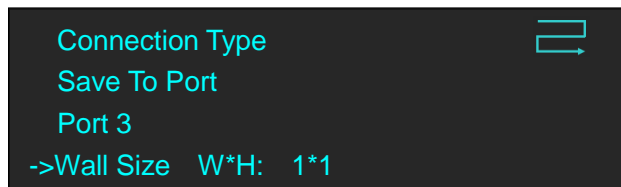
6. Select <Port 1>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

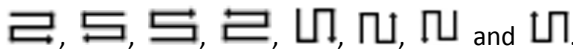


7. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including .



8. Select <Port 3>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.



9. Turn the rotary knob, and select <Connection Type>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including .

```

Panel Pixel W*H: 128*256
->Connection Type
Save To Port
Port 4

```

10. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X, Port 1/2 Offset Y, Port 3/4 Offset X as 0, and set Port 3/4 Offset Y as 256, shown as follows:

```

->Port 1/2 Offset X      0
Port 1/2 Offset Y      0
Port 3/4 Offset X      0
Port 3/4 Offset Y      256

```

11. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set all the parameters as 0, shown as follows:

```

->Port 1 X Position     0
Port 1 Y Position     0
Port 2 X Position     0
Port 2 Y Position     0

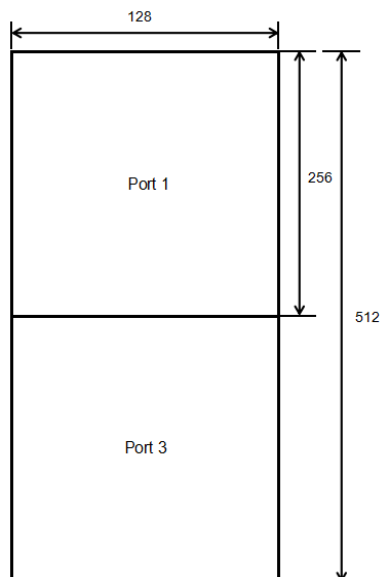
```

```

->Port 3 X Position     0
Port 3 Y Position     0
Port 4 X Position     0
Port 4 Y Position     0

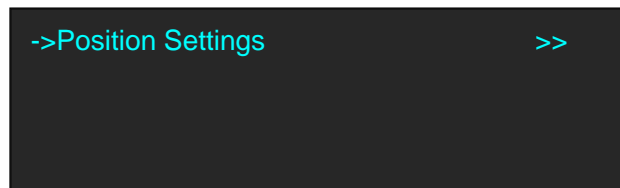
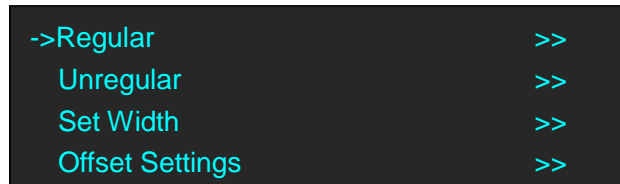
```

The connection figure is shown as below:

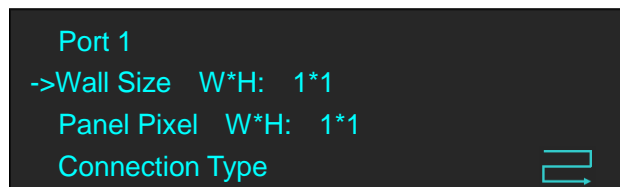
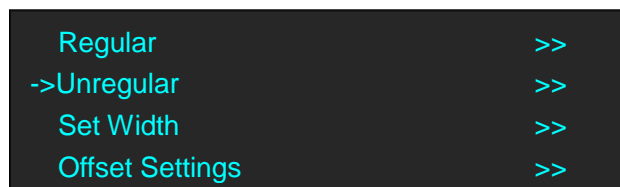


H 1/4

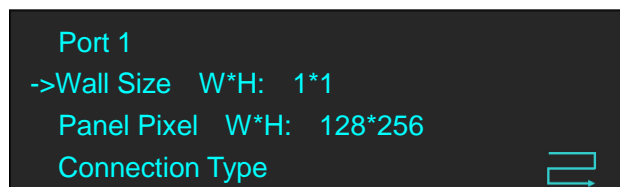
1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to 4 outputs, OUT-U1/1, OUT-D1/2, OUT-U2/3 and OUT-D2/4.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).











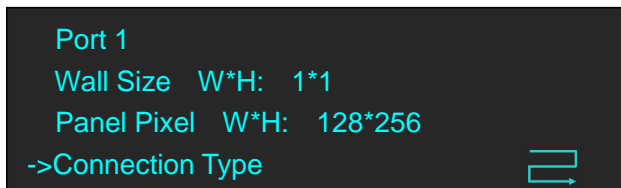
5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.



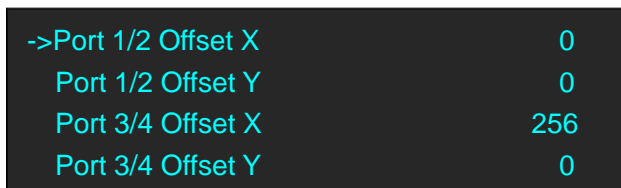
6. Select <Port 1>, <Port 2>, <Port 3>, <Port 4>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.



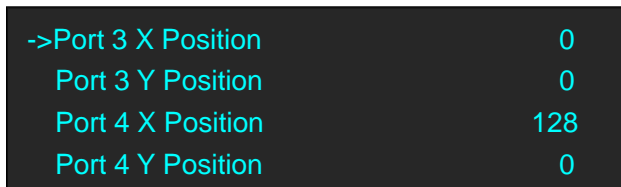
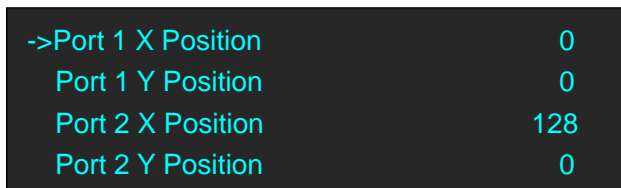
7. Turn the rotary knob, and select <Connection Type> for <Port 1>, <Port 2>, <Port 3>, <Port 4>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , ,  and . For example:



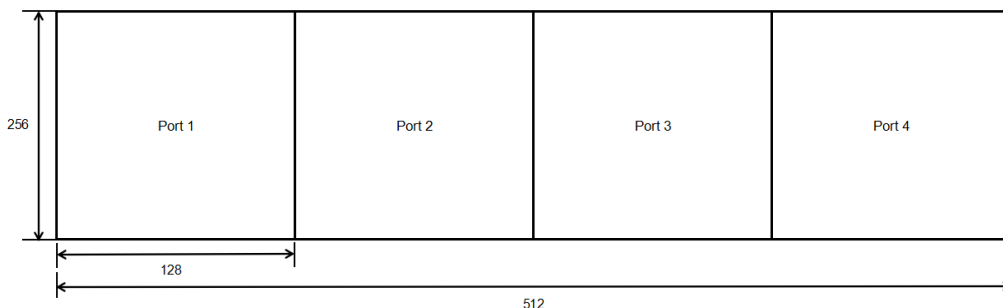
8. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X, Port 1/2 Offset Y, Port 3/4 Offset Y as 0, and set Port 3/4 Offset X as 256, shown as follows:



9. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set Port 1 X Position and Port 1 Y Position as 0, set Port 2 X Position as 128, Port 2 Y Position as 0, set Port 3 X Position and Port 3 Y Position as 0, set Port 4 X Position as 128, Port 4 Y Position as 0, shown as follows:

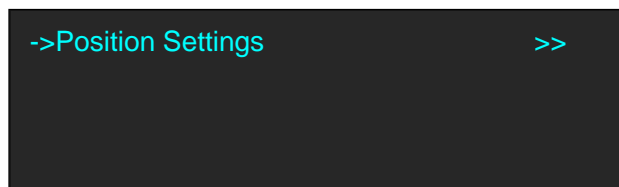
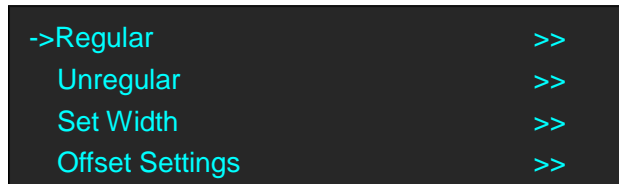


The connection figure is shown as below:

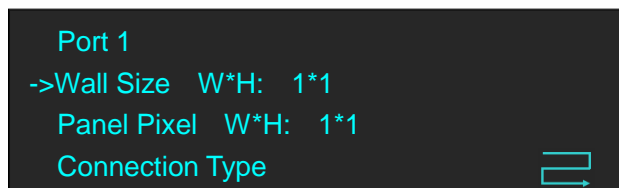
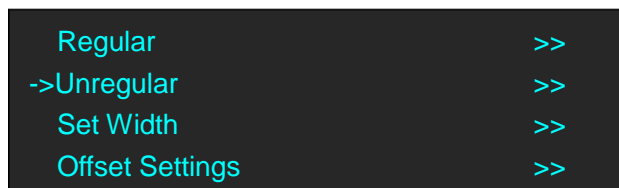


V 1/4

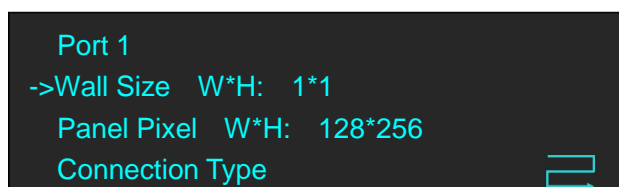
1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to 4 outputs, OUT-U1/1, OUT-D1/2, OUT-U2/3 and OUT-D2/4.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).











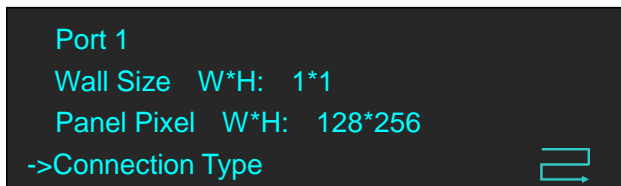
5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.



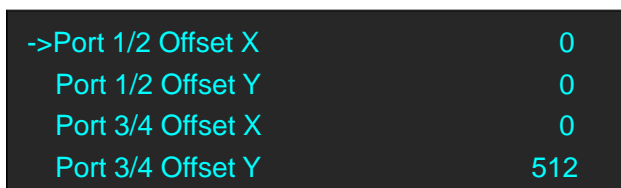
6. Select <Port 1>, <Port 2>, <Port 3>, <Port 4>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.



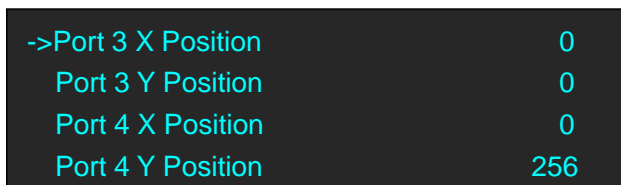
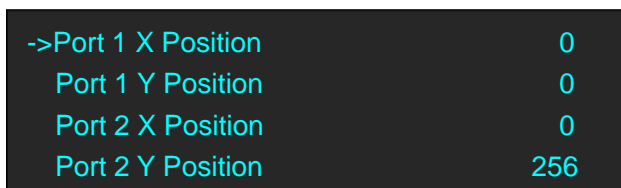
7. Turn the rotary knob, and select <Connection Type> for <Port 1>, <Port 2>, <Port 3>, <Port 4>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , ,  and . For example:



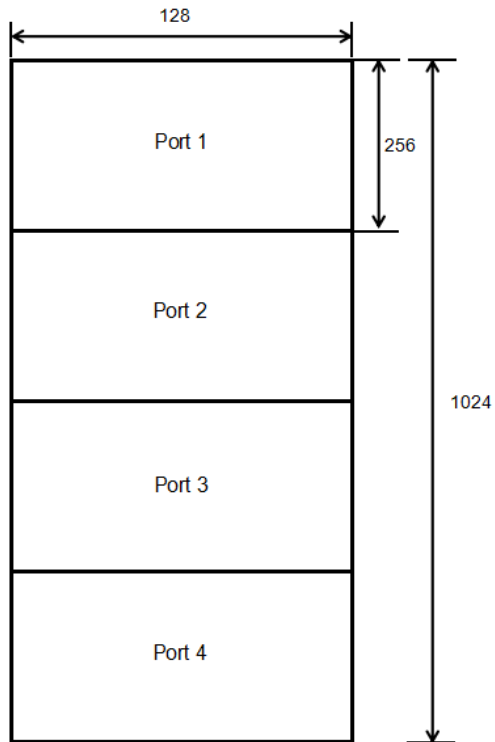
8. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X, Port 1/2 Offset Y, Port 3/4 Offset X as 0, and set Port 3/4 Offset Y as 512, shown as follows:



9. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set Port 1 X Position and Port 1 Y Position as 0, set Port 2 X Position as 0, Port 2 Y Position as 256, set Port 3 X Position and Port 3 Y Position as 0, set Port 4 X Position as 0, Port 4 Y Position as 256, shown as follows:

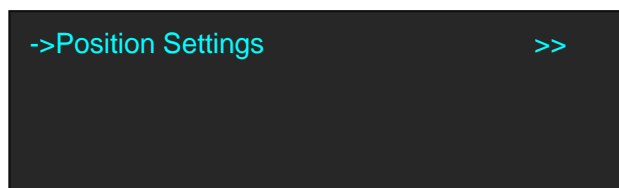
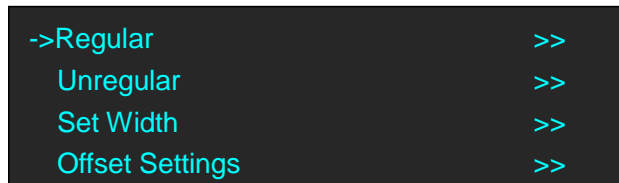


The connection figure is shown as below:



Cross

1. First, make sure that the device is in normal operation.
2. Select the input source, for example, DVI.
3. Connect the cable to 4 outputs, OUT-U1/1, OUT-D1/2, OUT-U2/3 and OUT-D2/4.
4. Push the [MAP] button (Or push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <OUTPUT>, push the knob to confirm. Turn the rotary knob again, and select <LED Display> option).



5. Turn the rotary knob, and select <Unregular> option, push the knob and enter to the unregular menu items.

```

Regular >>
->Unregular >>
Set Width >>
Offset Settings >>

```



```

Port 1
->Wall Size W*H: 1*1
Panel Pixel W*H: 1*1
Connection Type









```

6. Select <Port 1>, <Port 2>, <Port 3>, <Port 4>, and set the Wall Size W/H and Panel Pixel W/H. For example, set Wall Size W and Wall Size H as 1, Panel Pixel W as 128 and Panel Pixel H as 256, shown as follows.

```

Port 1
->Wall Size W*H: 1*1
Panel Pixel W*H: 128*256
Connection Type

```

7. Turn the rotary knob, and select <Connection Type> for <Port 1>, <Port 2>, <Port 3>, <Port 4>, push the knob to confirm. G3 NET 2K support 8 kinds of connection type, including , , , , , ,  and . For example:

```

Port 1
Wall Size W*H: 1*1
Panel Pixel W*H: 128*256
->Connection Type

```

8. Turn the rotary knob, and select <Offset Settings>, push the knob to confirm, turn the rotary knob, and set Port 1/2 Offset X, Port 1/2 Offset Y, Port 3/4 Offset X as 0, and set Port 3/4 Offset Y as 256, shown as follows:

```

->Port 1/2 Offset X 0
Port 1/2 Offset Y 0
Port 3/4 Offset X 0
Port 3/4 Offset Y 256

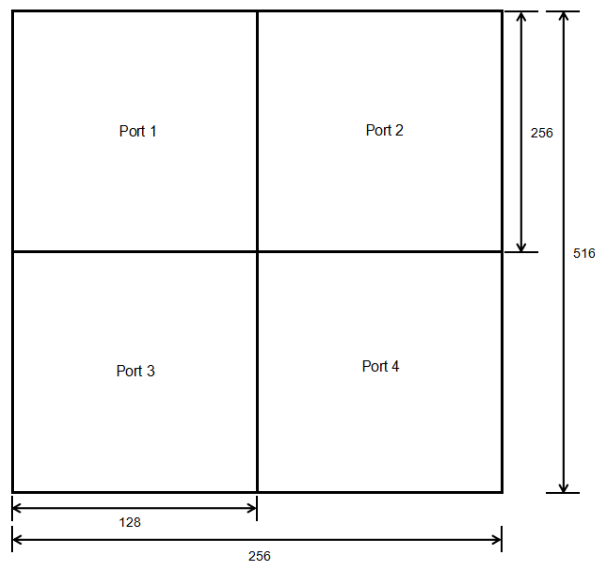
```

9. Turn the rotary knob, and select <Position Settings>, push the knob to confirm, turn the rotary knob, and set Port 1 X Position and Port 1 Y Position as 0, set Port 2 X Position as 128, Port 2 Y Position as 0, set Port 3 X Position and Port 3 Y Position as 0, set Port 4 X Position as 128, Port 4 Y Position as 0, shown as follows:

->Port 1 X Position	0
Port 1 Y Position	0
Port 2 X Position	128
Port 2 Y Position	0

->Port 3 X Position	0
Port 3 Y Position	0
Port 4 X Position	128
Port 4 Y Position	0

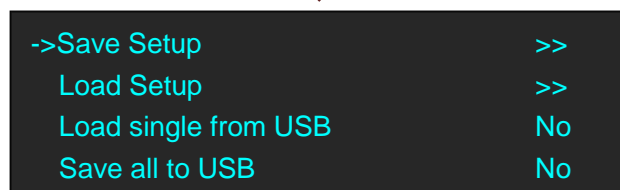
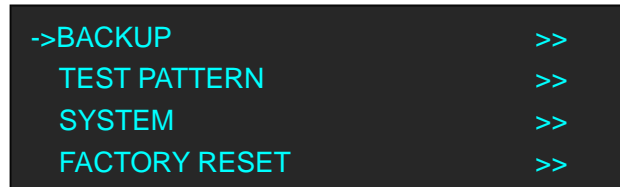
The connection figure is shown as below:



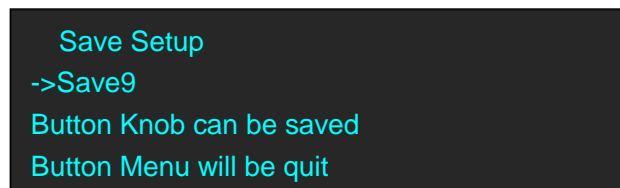
Saving Views

G3 NET 2K provides 9 positions for saving or recording parameters. To save current parameters and settings:

1. Push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <BACKUP>, push the knob to confirm.



2. Default <Save Setup> option, push the knob and enter to the menus as follows:



3. Turn the rotary knob, and save all current settings to 1 of the 9 available slots.

Recall Saved Settings

G3 NET 2K provides 9 positions for saving or recording parameters. To recall saved settings:

1. Push the [MENU] button, and enter to the menu items. Turn the rotary knob, and select <BACKUP>, push the knob to confirm.

```
->BACKUP          >>
TEST PATTERN     >>
SYSTEM           >>
FACTORY RESET    >>
```



```
->Save Setup      >>
Load Setup       >>
Load single from USB No
Save all to USB  No
```

2. Turn the rotary knob, and select <Load Setup>, push the knob to confirm.

```
Save Setup        >>
->Load Setup      >>
Load single from USB No
Save all to USB   No
```



```
Load Setup
->Save1
Button Knob is ready for Load
Button Menu will be quit
```

3. Turn the rotary knob, and select which of the 9 setups to load from USB port.

Contact Information

Warranty:

All video products are designed and tested to the highest quality standard and backed by full 3 years parts and labor warranty. Warranties are effective upon delivery date to customer and are non-transferable. RGBlink warranties are only valid to the original purchase/owner. Warranty related repairs include parts and labor, but do not include faults resulting from user negligence, special modification, lighting strikes, abuse(drop/crush), and/or other unusual damages.

The customer shall pay shipping charges when unit is returned for repair.

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