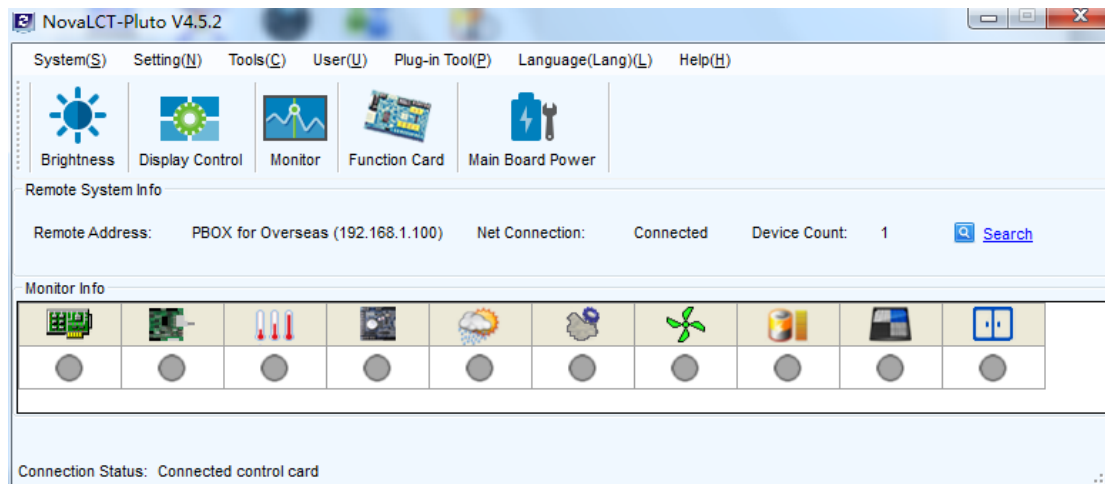
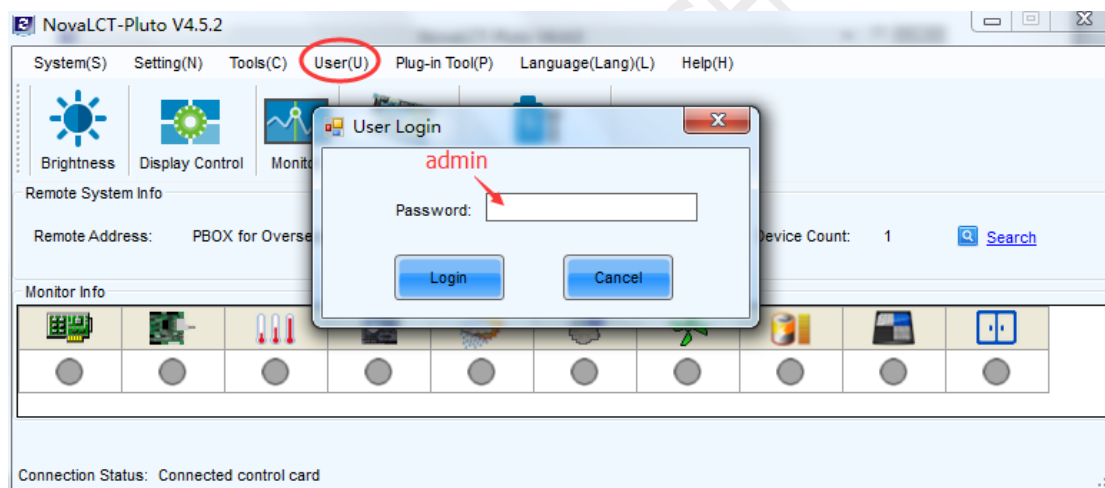


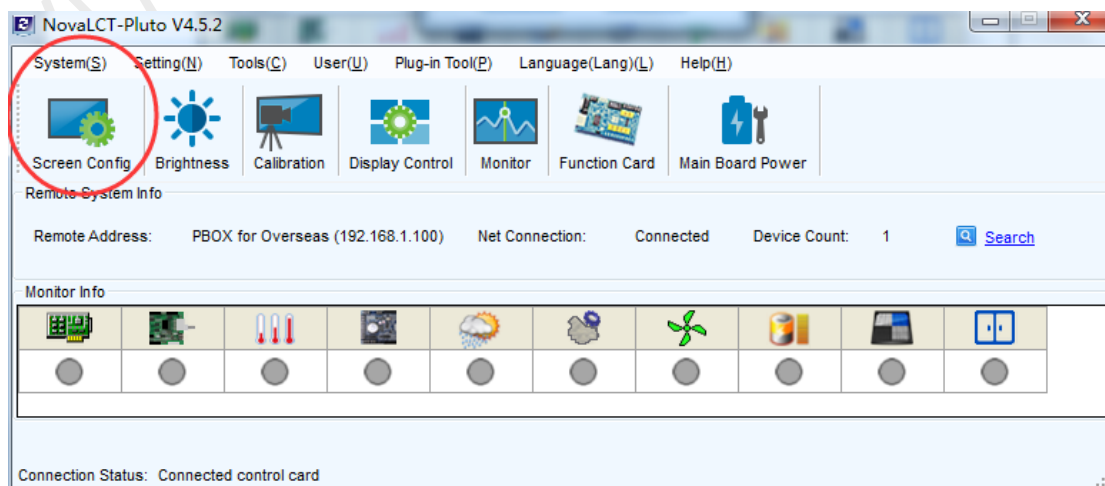
1. Run NovaLCT-Pluto.



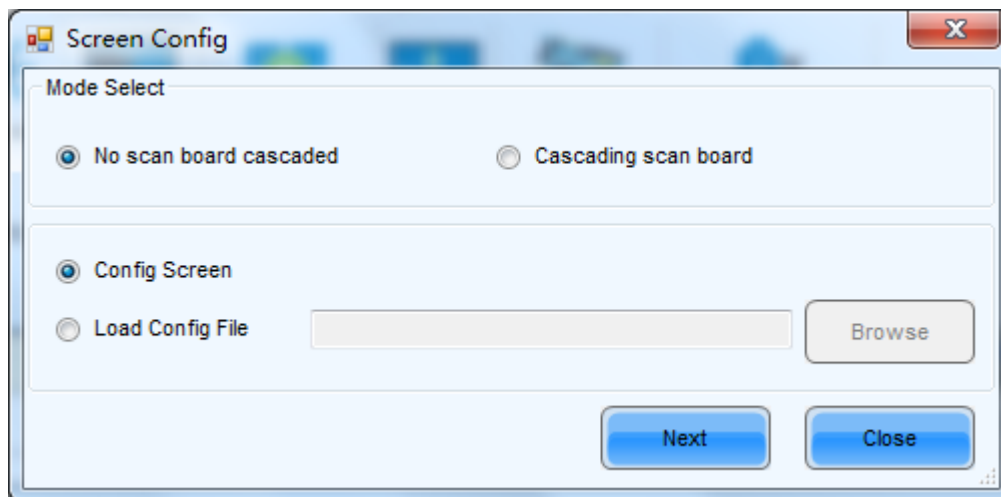
2. Login as *Advanced user*.



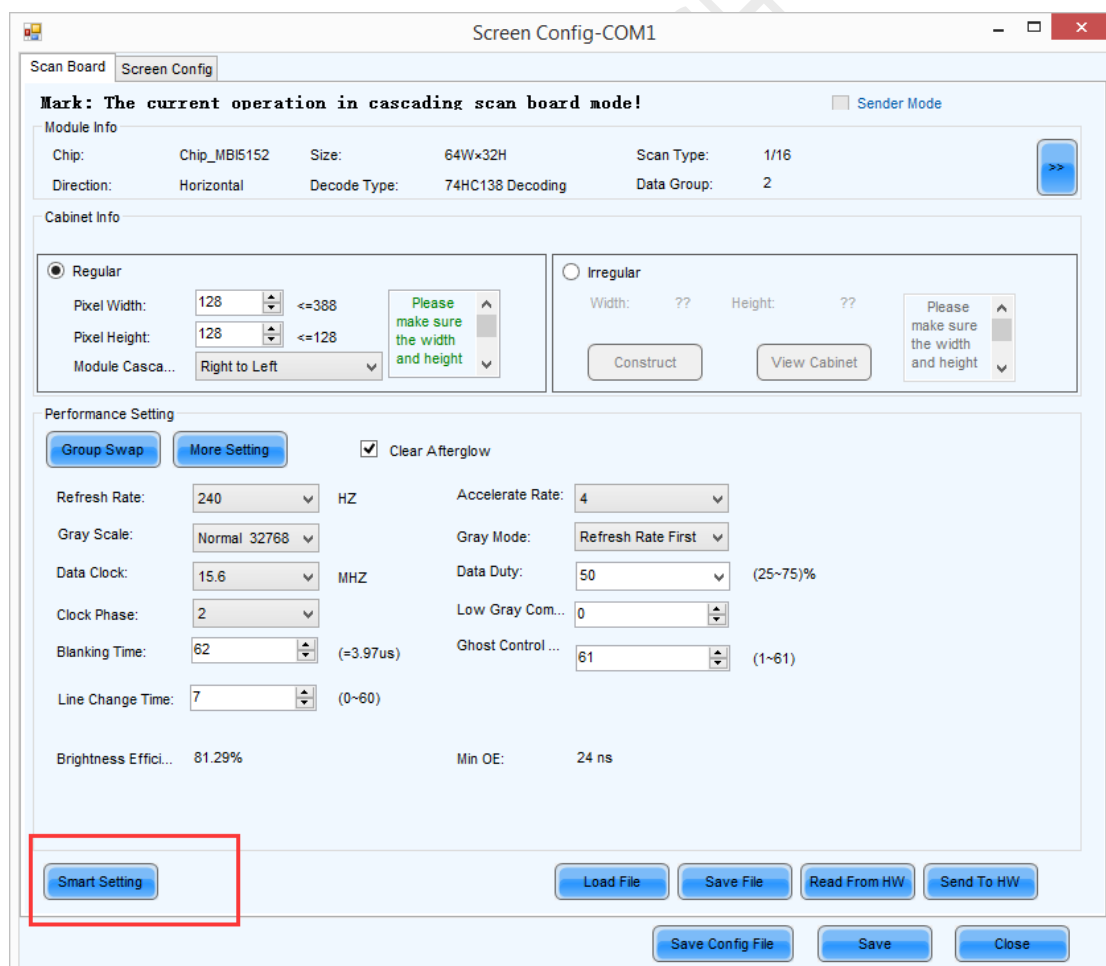
3. Press *Screen Config* Icon



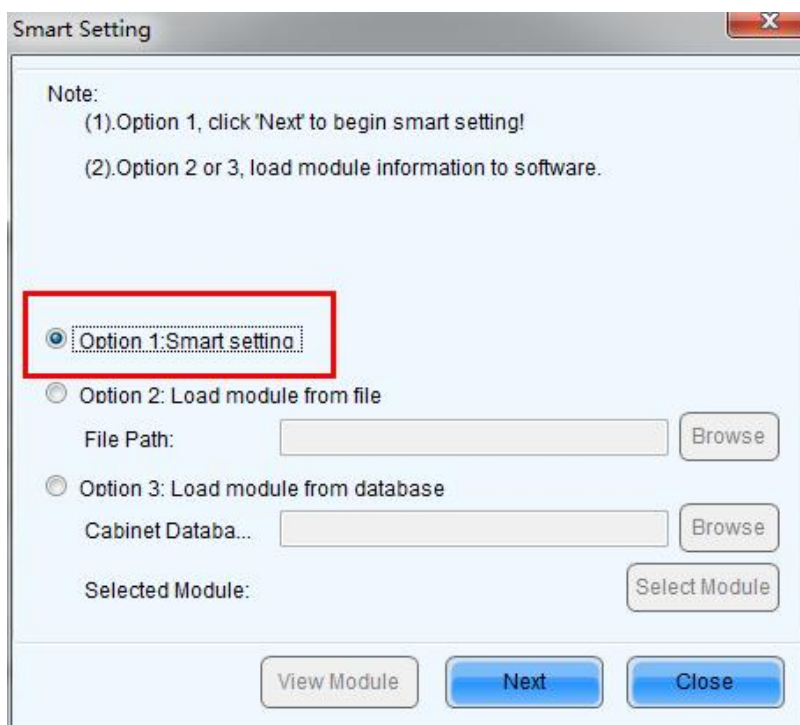
4. Select Screen Config Mode.



5. Press *Smart Setting*, there will have pop-up window when click.



6. Select *Option1: Smart setting* on the pop-up window.



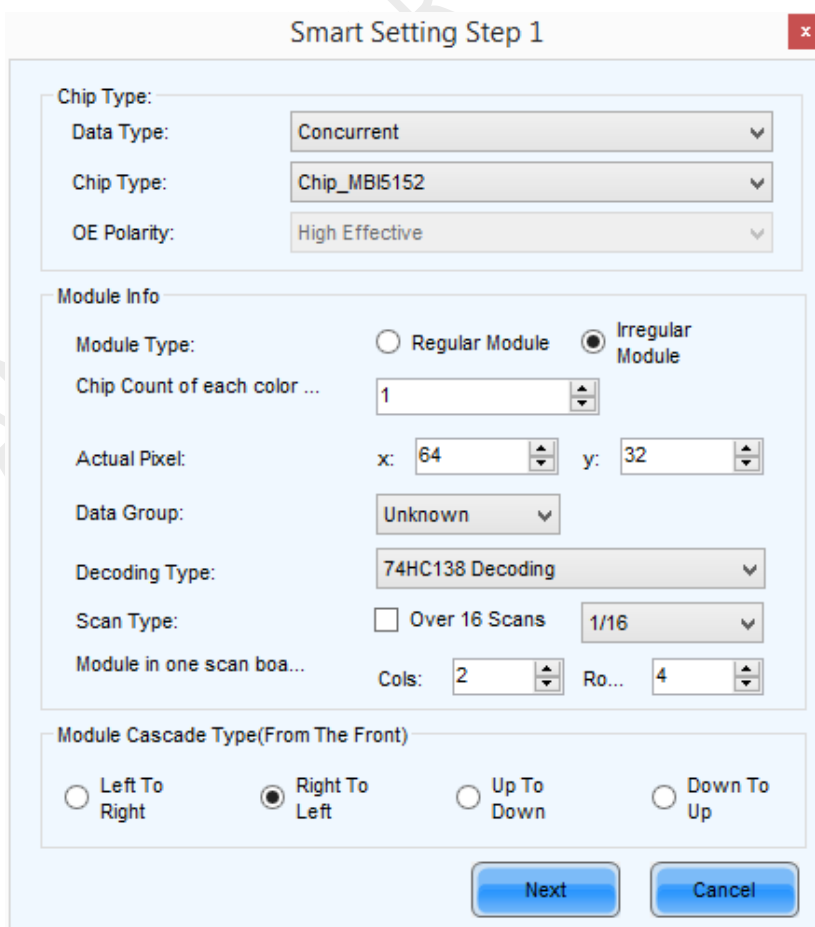
Smart Setting

Note:  
 (1).Option 1, click 'Next' to begin smart setting!  
 (2).Option 2 or 3, load module information to software.

☒ Option 1: Smart setting

☐ Option 2: Load module from file  
 File Path:

☐ Option 3: Load module from database  
 Cabinet Databa...    
 Selected Module:



Smart Setting Step 1

Chip Type:  
 Data Type:   
 Chip Type:   
 OE Polarity:

Module Info  
 Module Type: ☐ Regular Module ☒ Irregular Module  
 Chip Count of each color ...   
 Actual Pixel: x:  y:   
 Data Group:   
 Decoding Type:   
 Scan Type: ☐ Over 16 Scans   
 Module in one scan boa... Cols:  Ro...

Module Cascade Type(From The Front)  
☐ Left To Right ☒ Right To Left ☐ Up To Down ☐ Down To Up

*Data Type:* Serial or Concurrent

*Chip Type:* choose from the list according to what is actually used for cabinets.

*OE Polarity:* the option can be High Effective, Low Effective or Unknown, normally choose the default.

*Module type:* regular or irregular, choose according to the fact, for irregular module, the quantity of drive IC for one data group and one color should be given.

*Actual Pixel:* LED module pixels in Width and Height.

*Data Group:* choose Unknown.

*Decoding type:* the options can be Static, 74HC138 Code or Straight Decoding.

*Scan Type:* choose according to the fact or select Unknown.

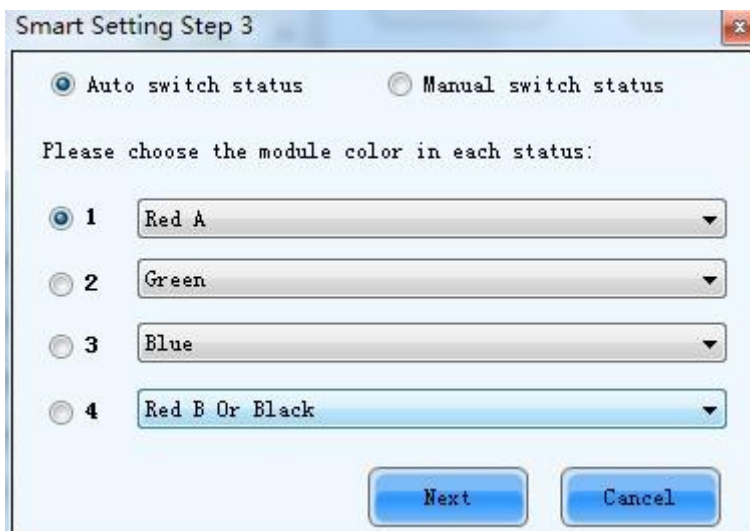
*Module in one scan board (Receiving Card):* set as 1 column and 1 row.

*Module Cascade Type (From The Front):* Select the corresponding option according to the module connection routing. Note that the cabinet should be observed from the front when considering the cascade direction.

7. Select according to the module showing status



8. Select according to the module color showing sequence.



Smart Setting Step 3

☒ Auto switch status    ☐ Manual switch status

Please choose the module color in each status:

☒ 1 Red A

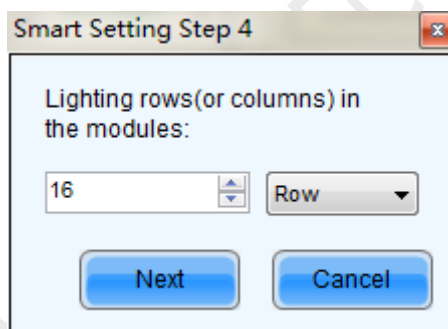
☐ 2 Green

☐ 3 Blue

☐ 4 Red B Or Black

Next Cancel

9. Enter how many rows of LED are lightened in one module.



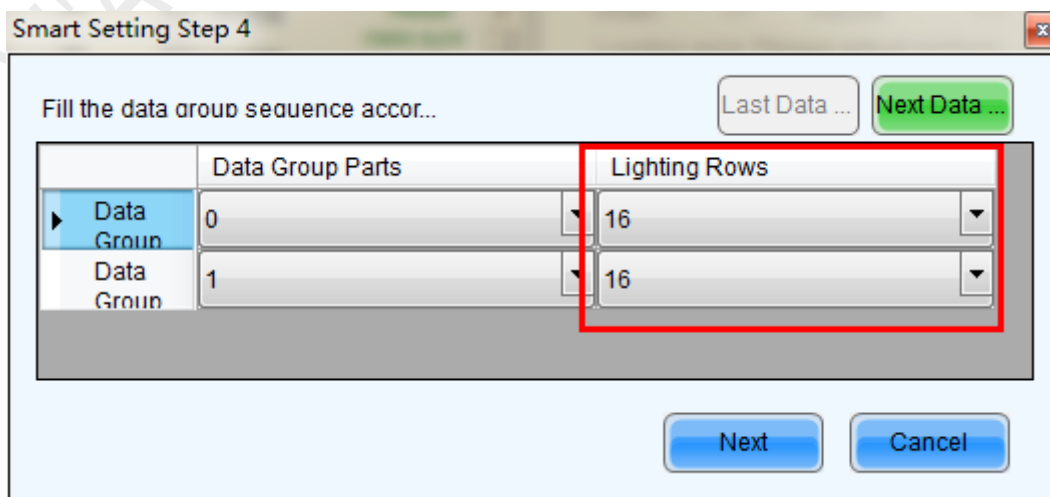
Smart Setting Step 4

Lighting rows(or columns) in the modules:

16 Row

Next Cancel

10. Enter how many rows of LED are lightened in one module for each data group, click "Next Data Group" when last is finished.



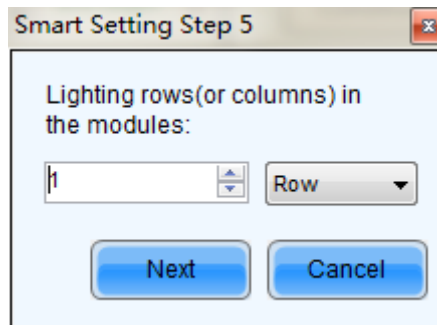
Smart Setting Step 4

Fill the data group sequence accor... Last Data ... Next Data ...

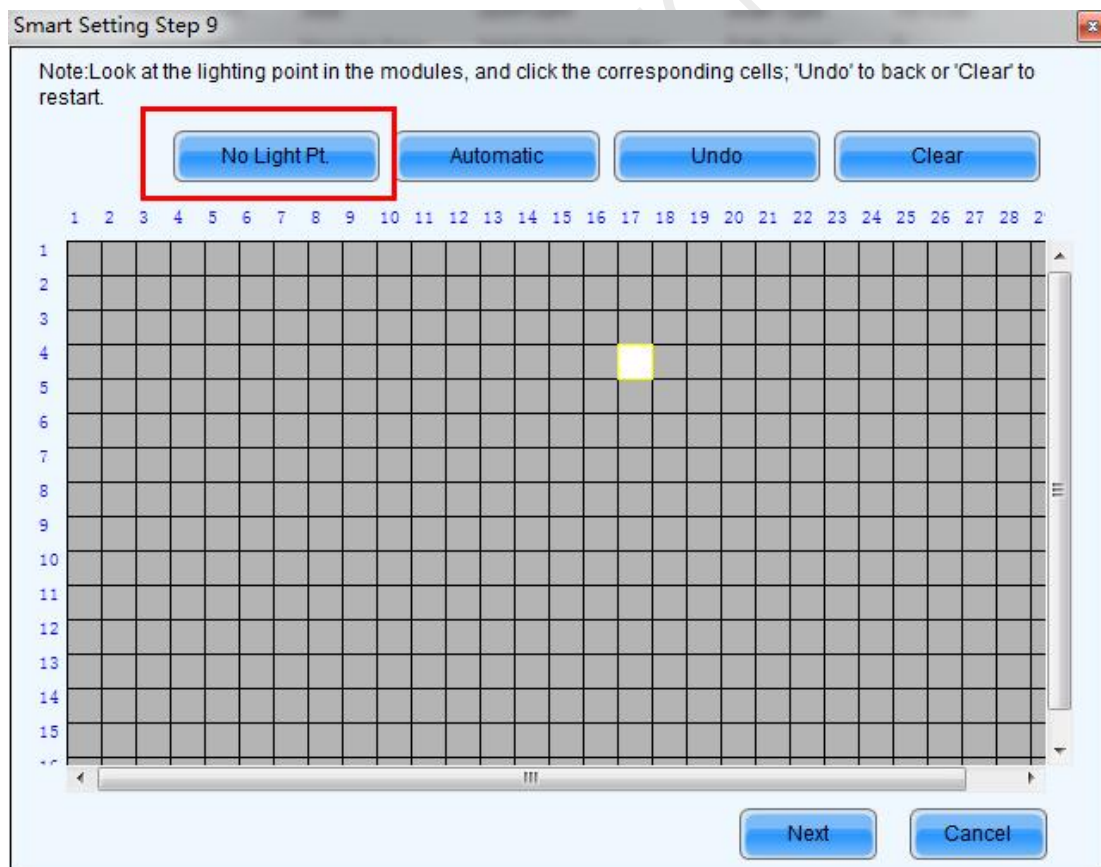
|              | Data Group Parts | Lighting Rows |
|--------------|------------------|---------------|
| ▶ Data Group | 0                | 16            |
| Data Group   | 1                | 16            |

Next Cancel

11. Select the number of lightened rows and columns according to the LED screen.



12. Click corresponding grids according to the lightened LED sequence until no LED is lightened any more. For irregular module, it need to click *No Lighting Pt* till have led lighting.



Smart Setting Step 9

Note: Look at the lighting point in the modules, and click the corresponding cells; 'Undo' to back or 'Clear' to restart.

No Light Pt. Automatic Undo Clear

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | A | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 2  | B |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3  | C |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 4  | D |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 5  | E |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 6  | F |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | G |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8  | H |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9  | I |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10 | J |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 11 | K |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 12 | L |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 13 | M |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14 | N |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15 | O |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Next Cancel

Smart Setting Step 9

Note: Look at the lighting point in the modules, and click the corresponding cells; 'Undo' to back or 'Clear' to restart.

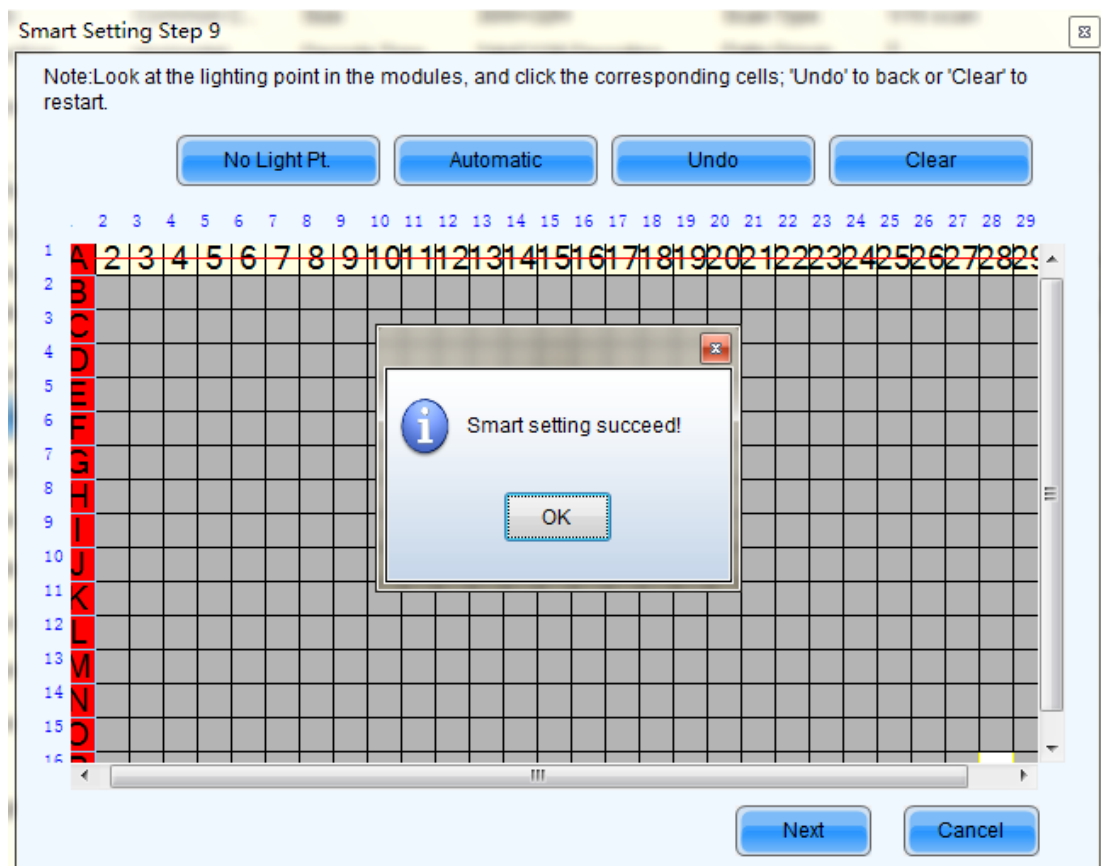
No Light Pt. Automatic Undo Clear

|    | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
|----|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|
| 1  | A | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 2  | B |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 3  | C |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 4  | D |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 5  | E |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 6  | F |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 7  | G |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 8  | H |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 9  | I |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 10 | J |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 11 | K |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 12 | L |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 13 | M |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 14 | N |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |
| 15 | O |   |   |   |   |   |   |   |   |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |

Run Line Table is finished !

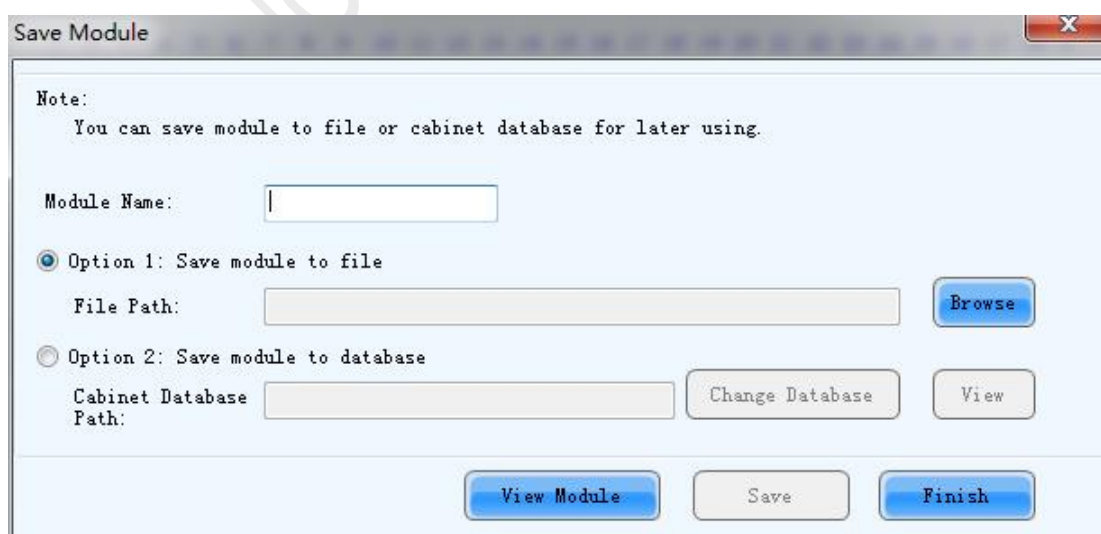
OK

Next Cancel



If there's vacant row or vacant column in one module, keep pressing "No Light" at corresponding grids until there's LED lightened on the module.

13. Save module information as a file.





Screen Config-COM1

Scan Board | Screen Config

**Mark: The current operation in cascading scan board mode!** ☐ Sender Mode

Module Info

|            |              |              |                  |             |      |
|------------|--------------|--------------|------------------|-------------|------|
| Chip:      | Chip_MBI5152 | Size:        | 64Wx32H          | Scan Type:  | 1/16 |
| Direction: | Horizontal   | Decode Type: | 74HC138 Decoding | Data Group: | 2    |

Cabinet Info

☒ Regular

Pixel Width: 128 <=388 Please make sure the width and height

Pixel Height: 128 <=128

Module Casca... Right to Left

☐ Irregular

Width: ?? Height: ?? Please make sure the width and height

Construct View Cabinet

Performance Setting

Group Swap  More Setting ☒ Clear Afterglow

Refresh Rate: 240 HZ Accelerate Rate: 4

Gray Scale: Normal 32768 Gray Mode: Refresh Rate First

Data Clock: 15.6 MHZ Data Duty: 50 (25~75)%

Clock Phase: 2 Low Gray Com... 0

Blanking Time: 62 (=3.97us) Ghost Control ... 61 (1~61)

Line Change Time: 7 (0~60)

Brightness Effici... 81.29% Min OE: 24 ns

Smart Setting  Load File  Save File  Read From HW  Send To HW

Save Config File  Save  Close

Screen Config-COM1

Save As

Desktop

Organise New folder

Favourites Desktop Downloads Recent places

Homegroup

This PC Desktop Documents Downloads Music

Homegroup nova This PC Libraries Network

File name: PG

Save as type: Scan Board File (\*.rcfg)

Hide Folders  Save  Cancel

Line Change Time: 7 (0~60)

Brightness Effici... 81.29% Min OE: 24 ns

Smart Setting  Load File  Save File  Read From HW  Send To HW