

LED Cross software operation manual

(based on C-Power)

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A. run and set up the software

1.Run the software

Run “Start” - “All programs” - “Led Cross V1.0” - “Led Cross V1.0”; or double-click “Led Cross ” shortcut icon on the desktop directly.

The interface of **LedCross** only supports English for now.

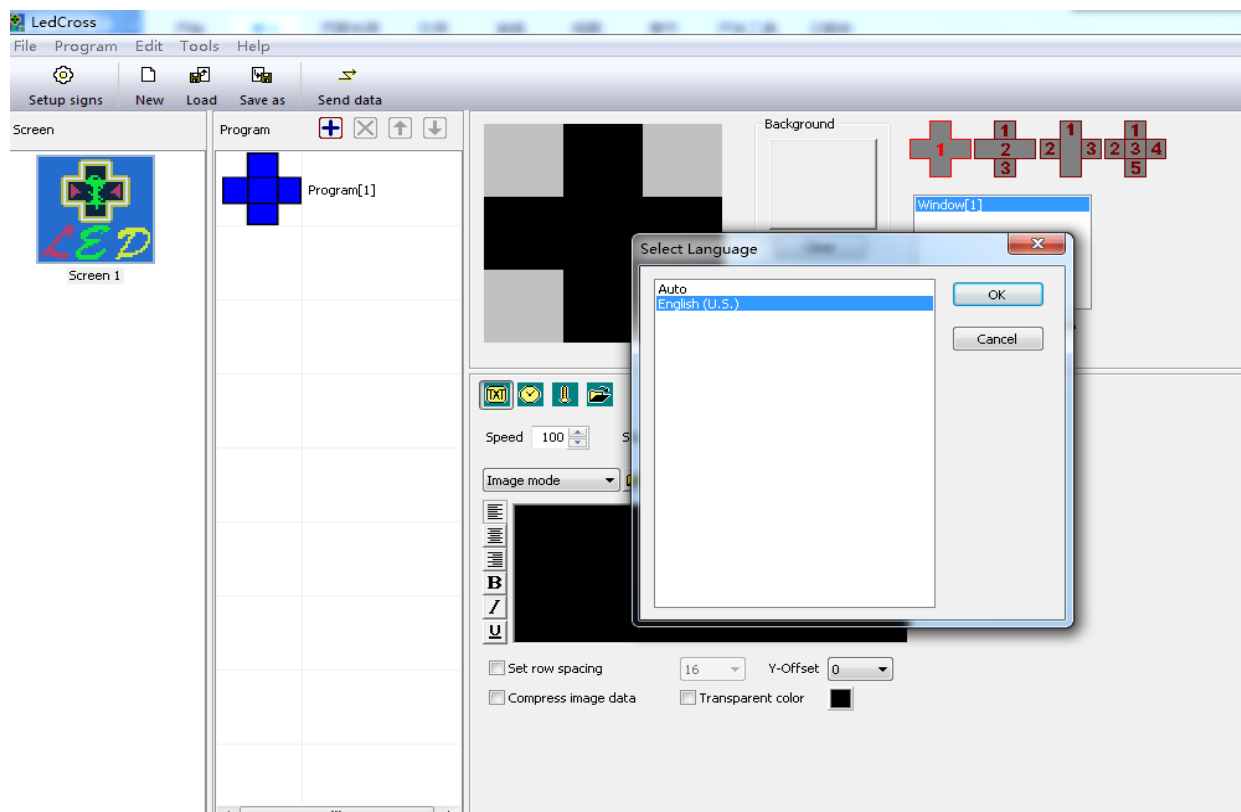


figure 1

“Setup signs” （define LED screen）

（searching controllers; setting screen parameters）

The software setting is to perform “Define LED screen” .

Purpose: when the software is run for the first time, the LED screen definition is the first step, which aims to establish the program and set the communication mode. After that, the LedCross software is combined with the LED screen hardware through the program.

Methods and steps:

- 1) Click “setup signs” or “File” -- “setup signs” enter “LED Screen” (define LED screen), as shown in figure 2.

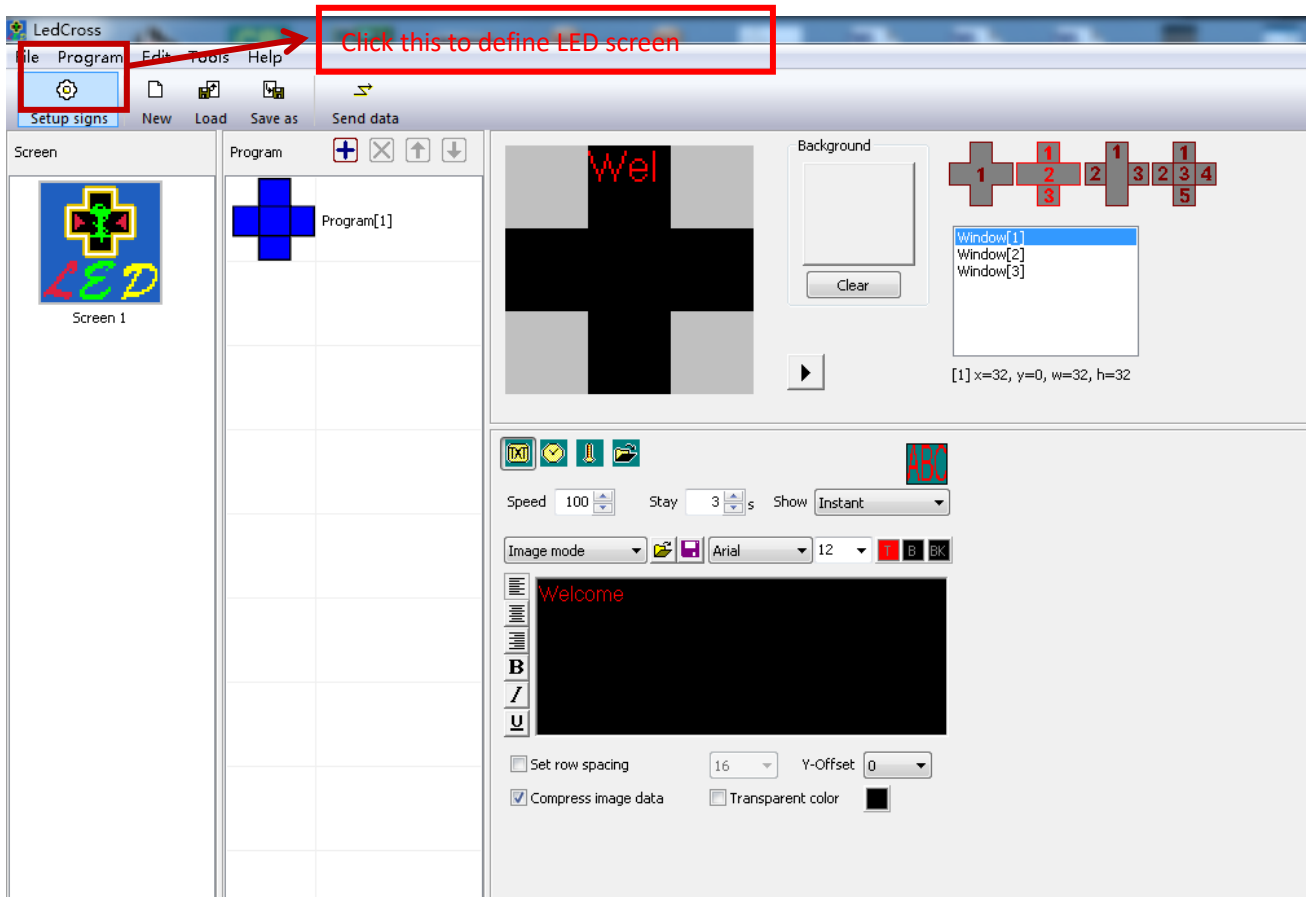


figure 2

- 2) In the LED screen list dialog box (**Błąd! Nie można odnaleźć źródła odwołania.**), click “New” button to establish a new screen or click “Edit” to change the screen parameters. Or you can also delete the screen you have defined by clicking “delete”.

- 3) If the controller has connected into the computer(COM port or network port), click “Find screen” button(or click “Tools”-“Find device” on the menu), the “search device” dialog box pops up, so we can search the devices which have connected into the computer.as shown as figure 4,figure 5,figure 6.

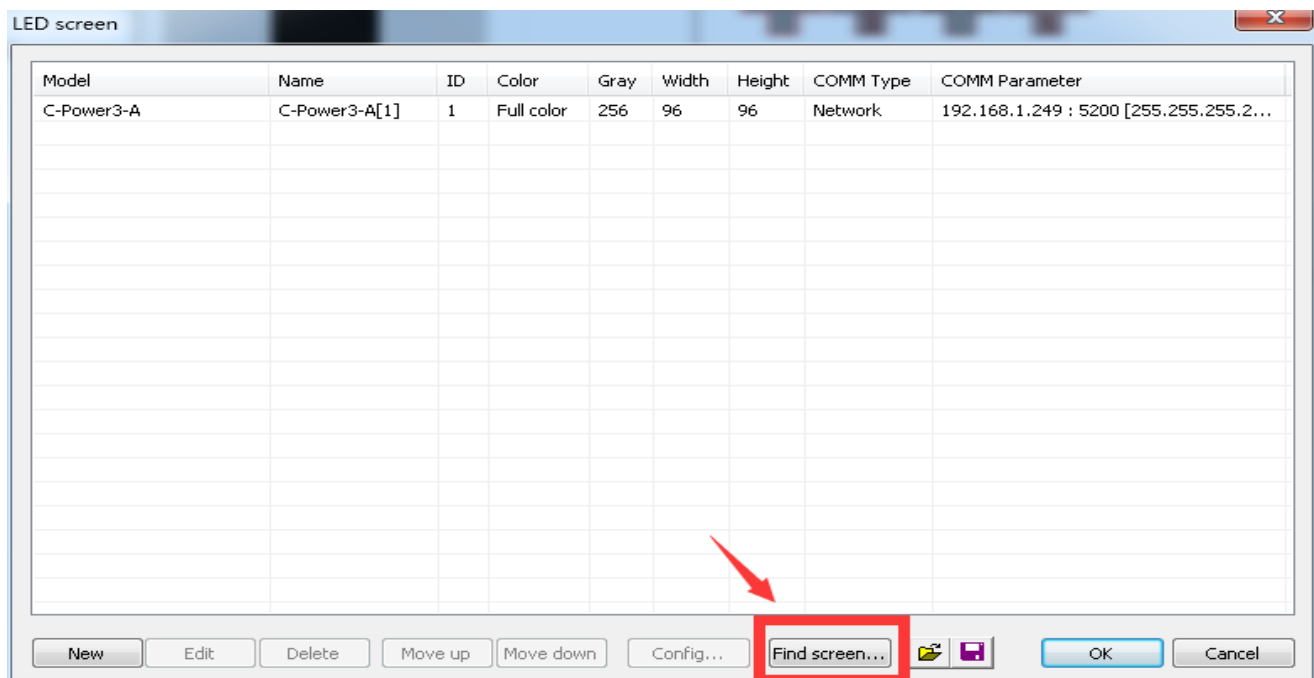


Figure 4

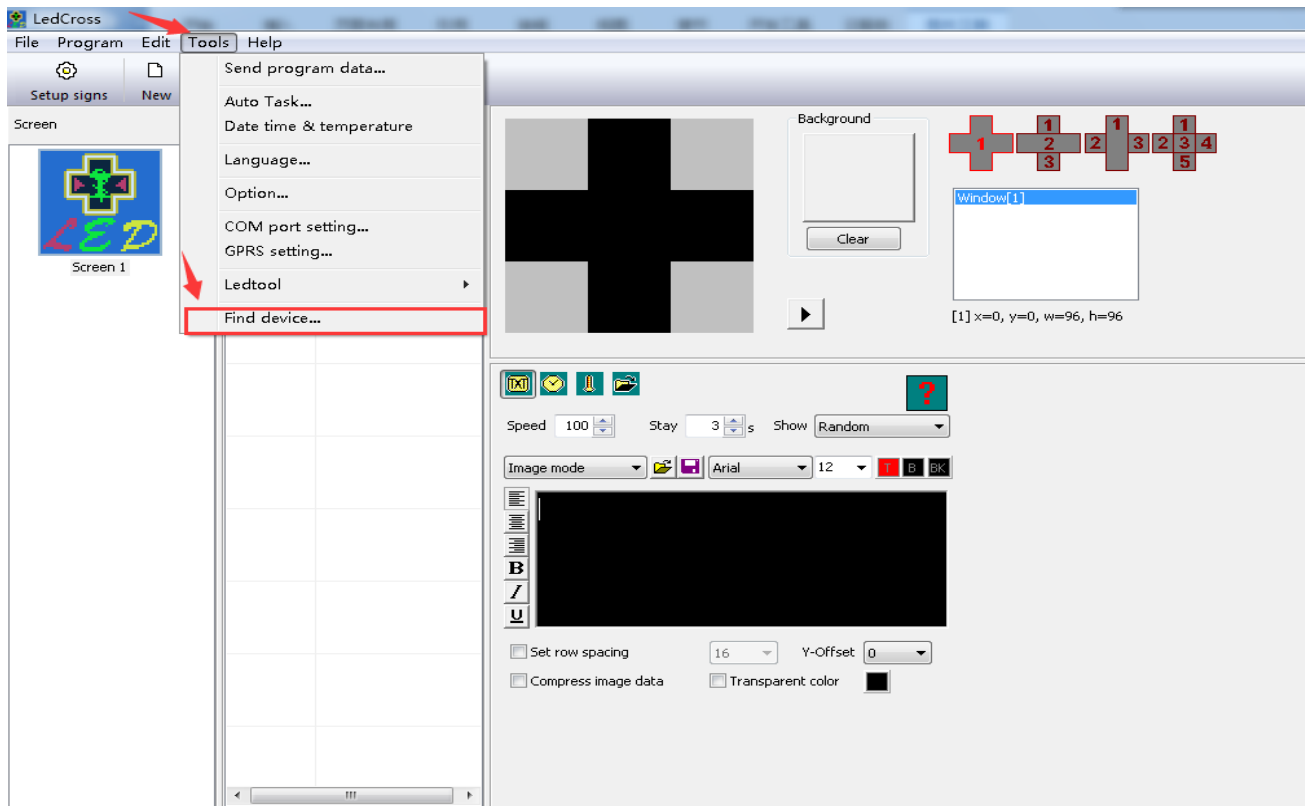


Figure 5

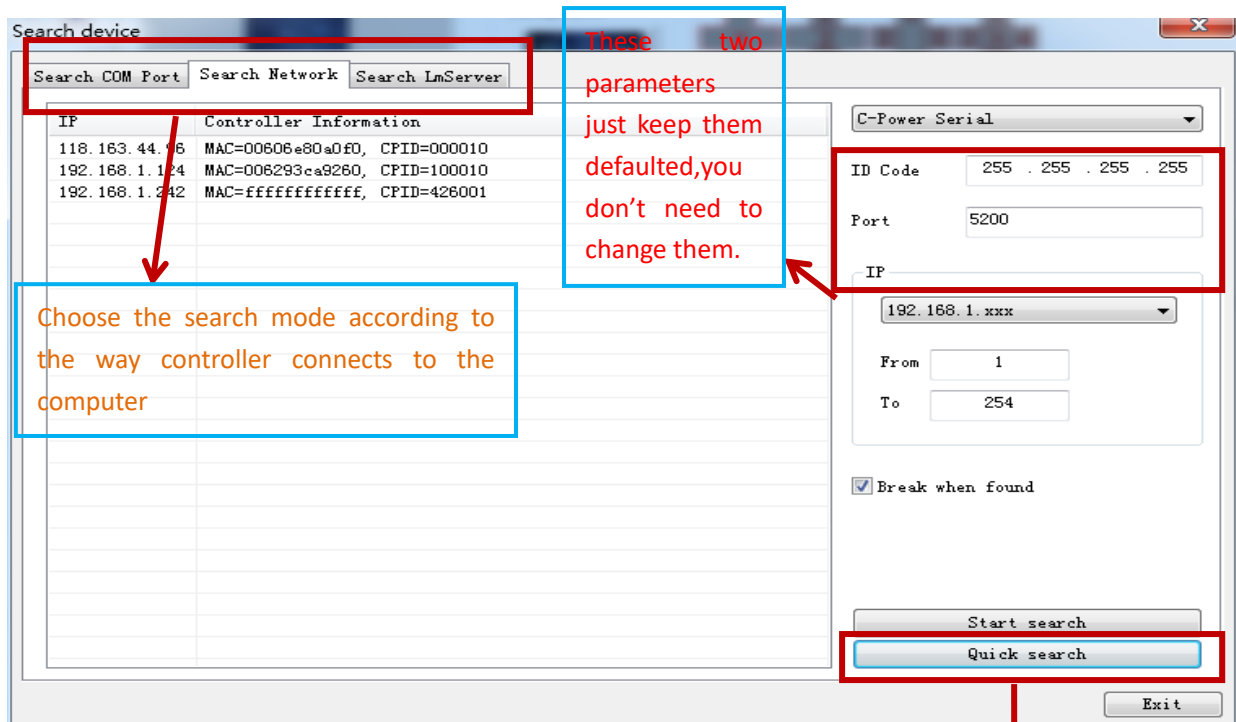


Figure 6

If the controllers are connected to the computer by network, click "Quick search" can find the controllers quickly.

- 4) After clicking “New” or “Edit” button, enter the password¹ in the authority confirmation box, and the box of “Screen editor” pops up, as shown in **Błąd! Nie można odnaleźć źródła odwołania.** and **Błąd! Nie można odnaleźć źródła odwołania.8.**
- 5) In the dialog box of “Screen editor” , define LED screen according to the hardware setting condition of the screen controller.
- A. Model: select the correct controller type at the left side of the dialog box.
 - B. Name: user can name the LED screen freely. The name will appear at the edit field. If no name input, the system will automatically display the type of controller (ID).
 - C. ID: it is used to distinguish two or more LED screens. If there is only one screen, use the default value “1” .
 - D. Color: select the color of the LED screen: Full color.
 - E.Width and Height: actual pixels of the LED screen.for now Ledcross supports 48x48,72x72,96x96 size.
 - F. Font library: click  button can set the font library type, if the controller has connected well, the font libraries which have installed on the controller can be auto detected.
 - G. Communication type: select COM port mode, network mode, or GPRS/CDMA mode.
 - COM port mode: RS232 or RS485 mode
- It needs to set the original port of PC COM port² communication, and then Baud rate³.

¹ Initial password is “16888”, please change the password timely and remember the new one.

² For port number of PC COM port, it can also be modified through Menu Bar “Tools” – “COM port setting” after defining LED screen. User needn’t enter “Setup signs” again.

³ The baud rate of the control card can be changed by LedTool, see engineer’s manual.

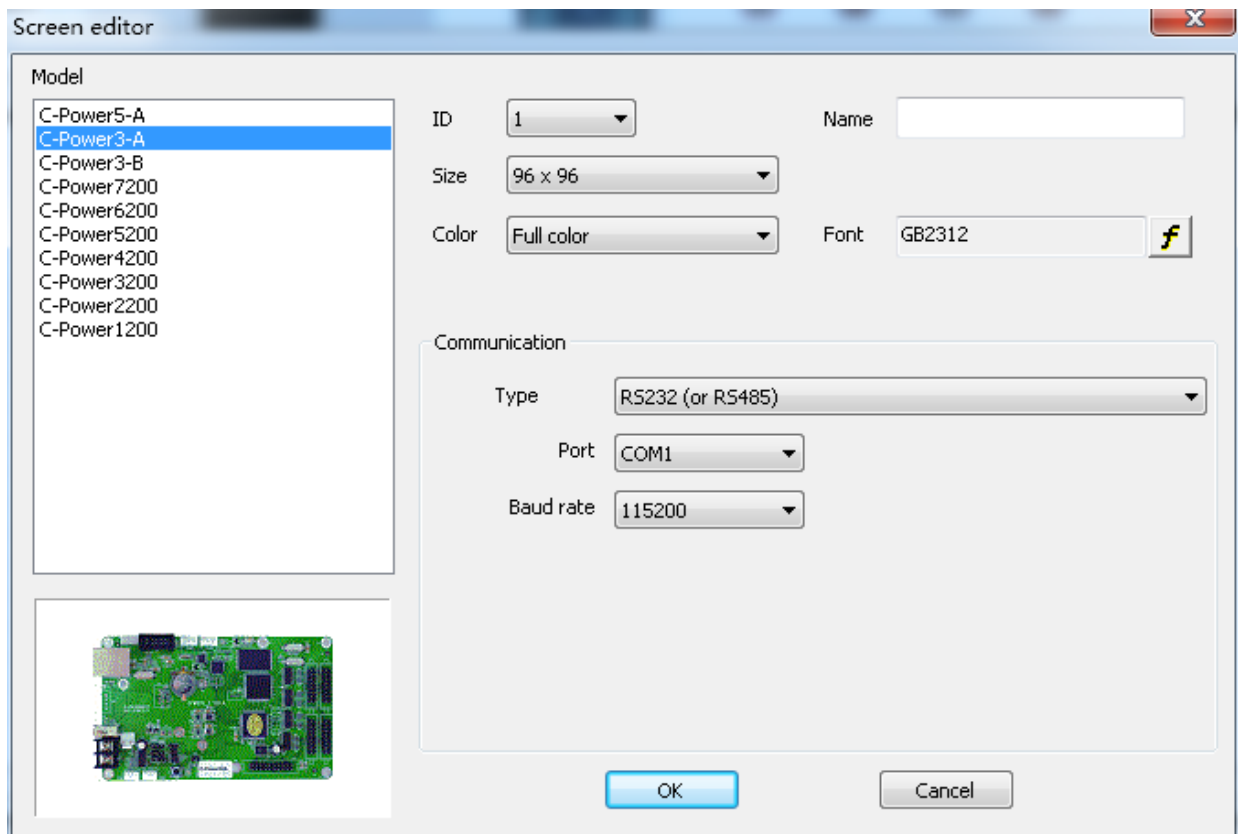


figure 7

- Network mode

There are the following setting items⁴ after connecting the network port with the control panel.

- IP address: the IP address of the control panel

Local area network: if it is local area network or the control panel is connected by net twines, user can directly input IP address of the control panel (set IP address by using LedTool).

Internet: if the control panel is connected by internet, user should input IP address of the internet gateway.

- ID code: the IP package ID code of the control panel (such as password).

ID code should be the same as the control panel setting, so that it can be recognized and controlled by the control panel.

⁴ The network parameters of the control card "IP address, ID code, Port" can be changed by LedTool, see engineer's manual.

c. Port: network port.the default port number is 5200.

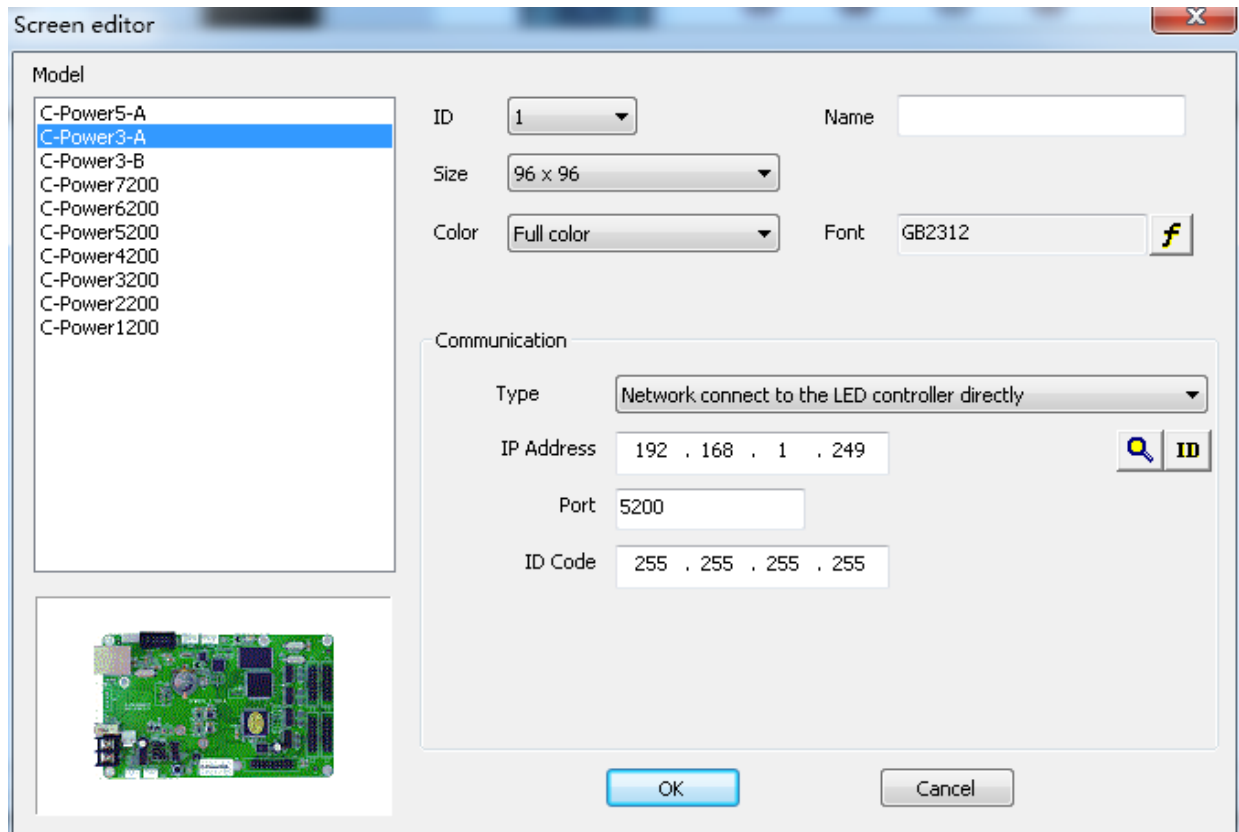


figure 8

If there has been controllers connected to the local area network,click  to search the controllers ,Then click “refresh” button to refresh the information of controllers.select the controller you want to Connect to the computer ,and then click “OK” to confirm which you choose.As shown in figure 9,figure 10.

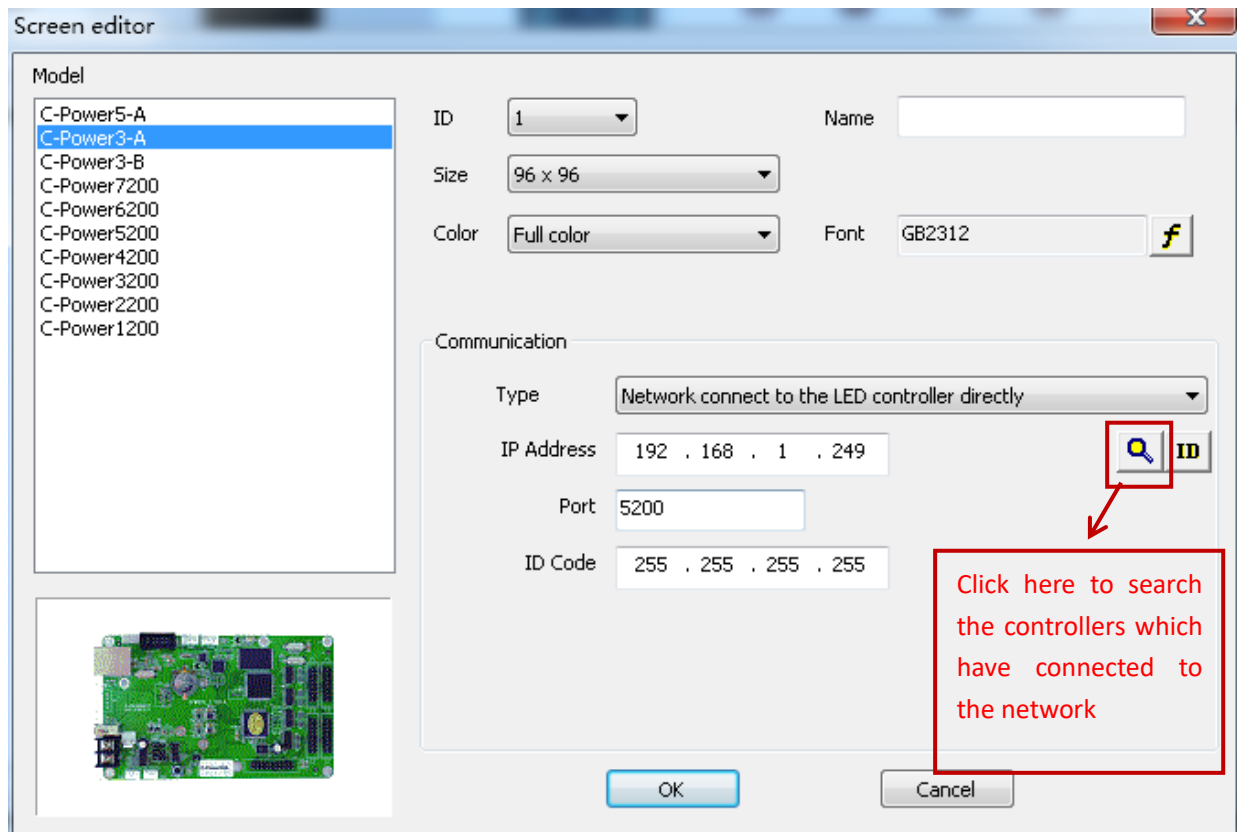


figure 9

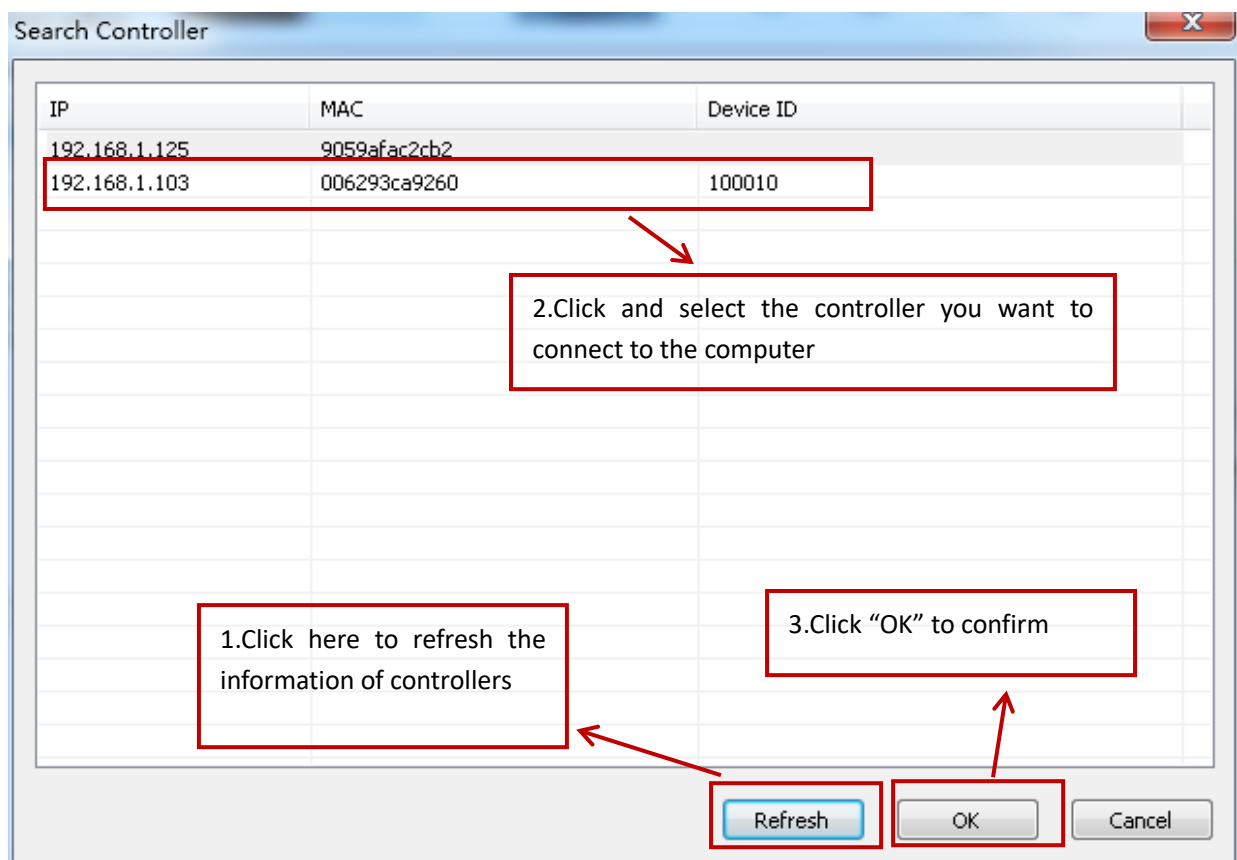


figure 10

Click  or  can switch the controllers' information of device ID and IP address which have been connected to the computer.as shown in figure 11, figure12.

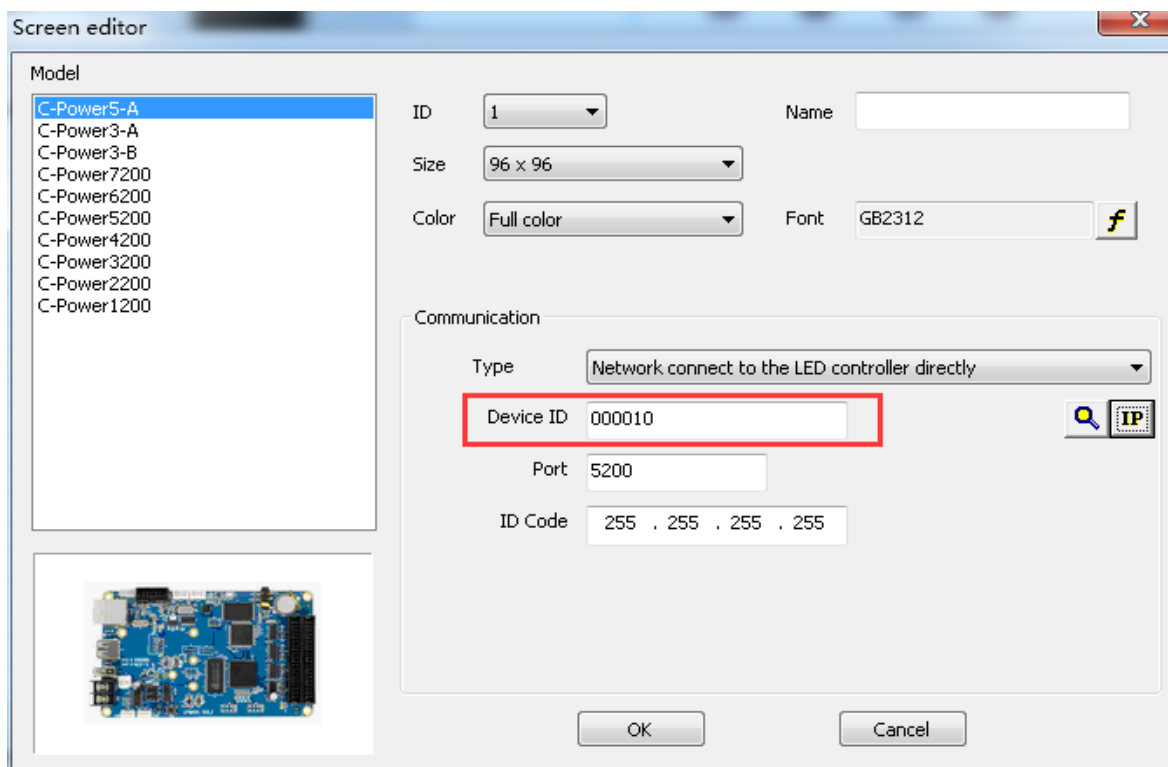


figure 11

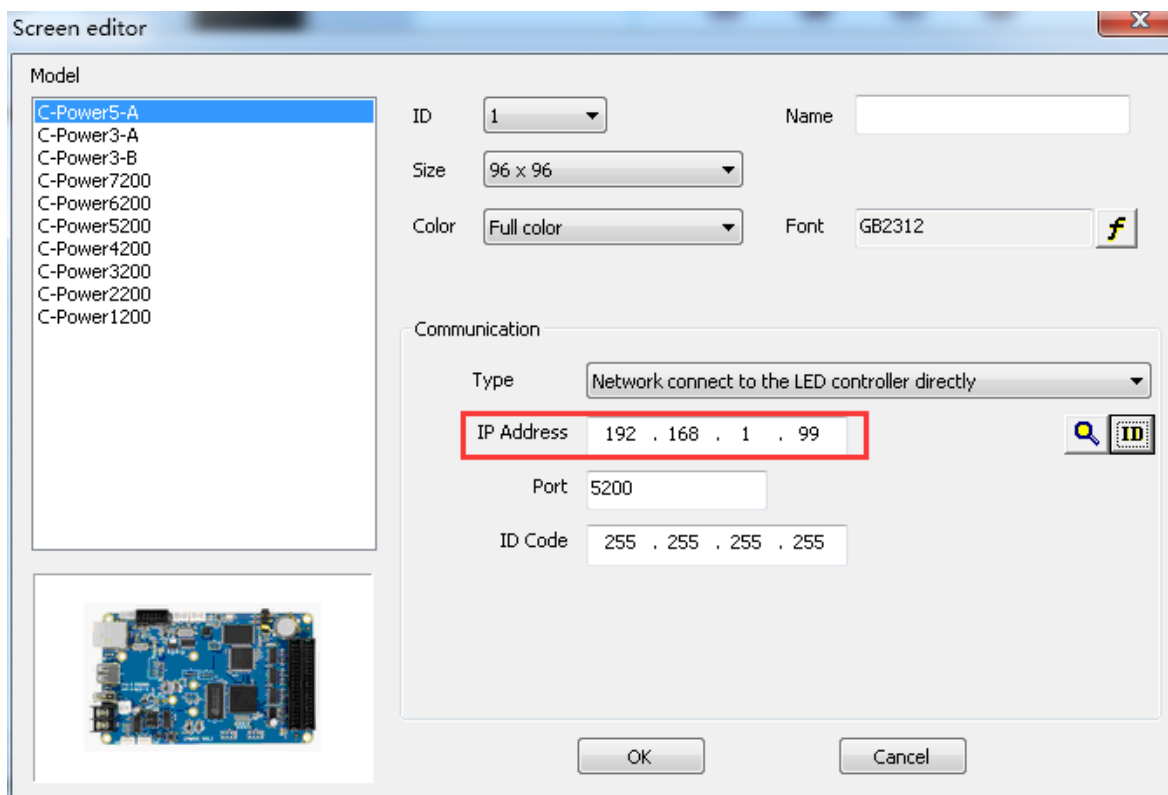


Figure 12

Once the “setup signs” has been done, LedCross will create a program automatically. now you can edit and manage the program.

B. C-Power parameters setting

Led Cross supports all the controllers made by lumenchina, we will take C-Power2&3 series as an example to show you how to set up the parameters.

1. Enter the Ledtool

Click “Tools” — “Ledtool” — “C-Power20/30” then into the interface of parameters setting, as shown below:

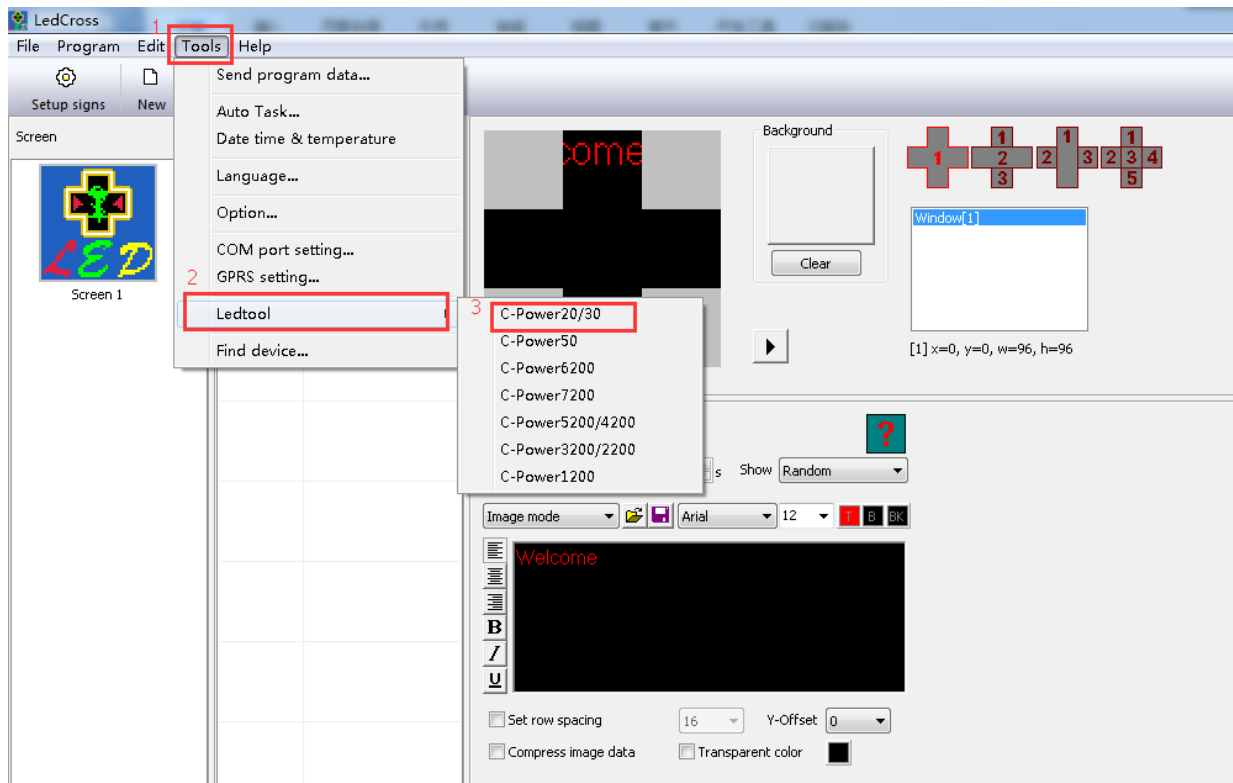


图 13

2. Cross wiring

There are many ways for Cross to wiring according to the module size, the ways to wiring can refer to the relevant guide.

C. edit and manage programs

1.learn about the interface of software

The interface is as follows when running the software.the interface consists of several parts.

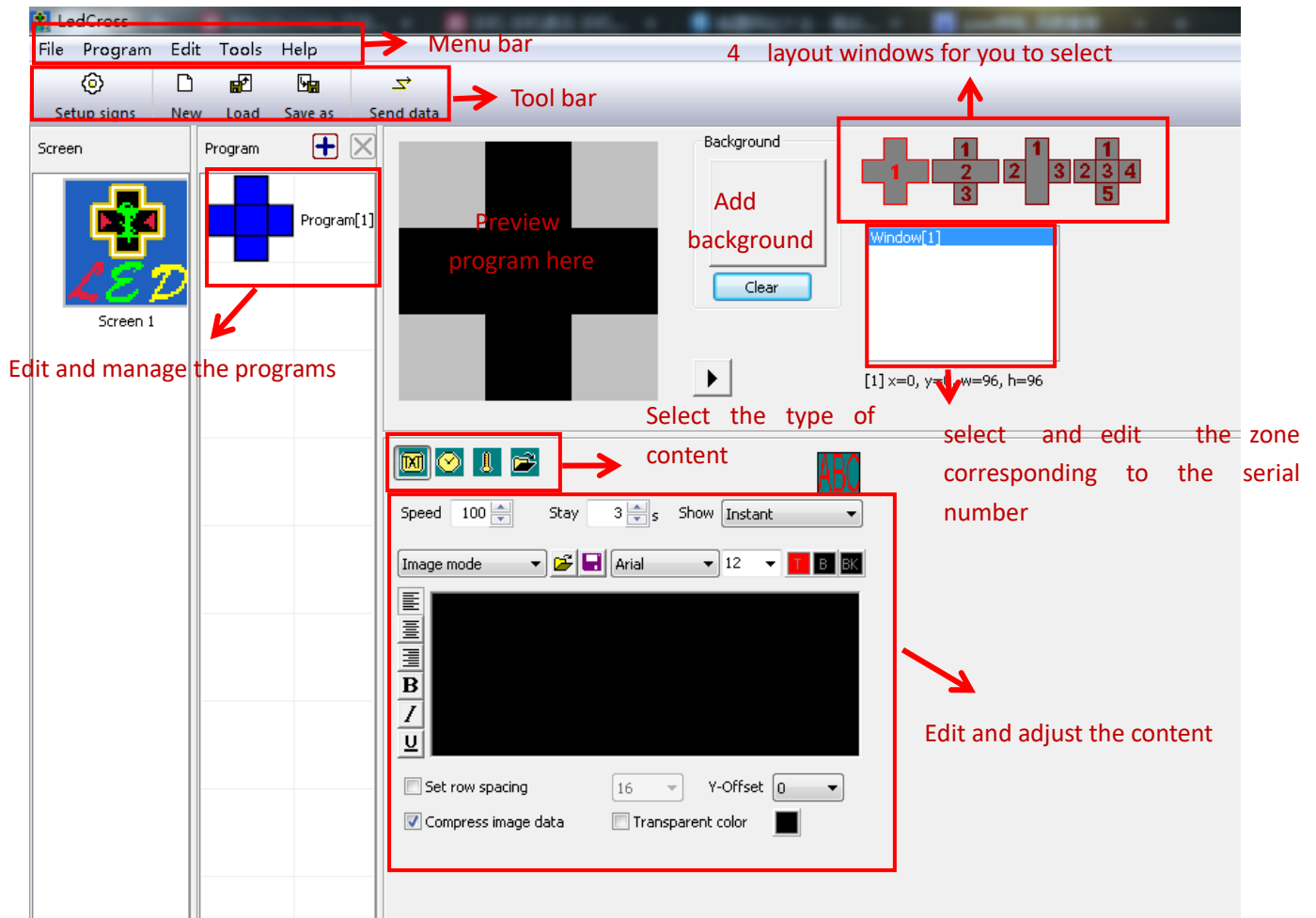
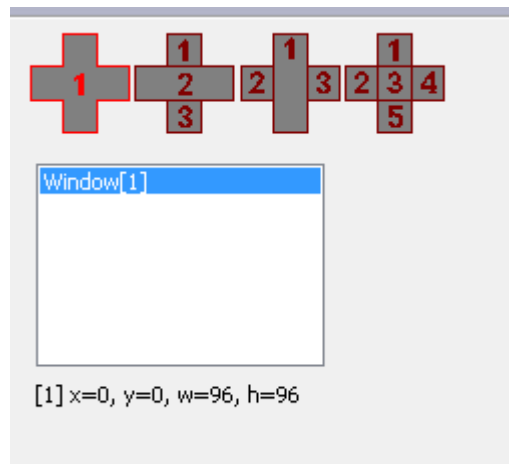


图 14

You can send the contents by Led cross such as video,image,animation,doc/excel documents,text,clock temperature and humidity data .

2. Create and edit the programs

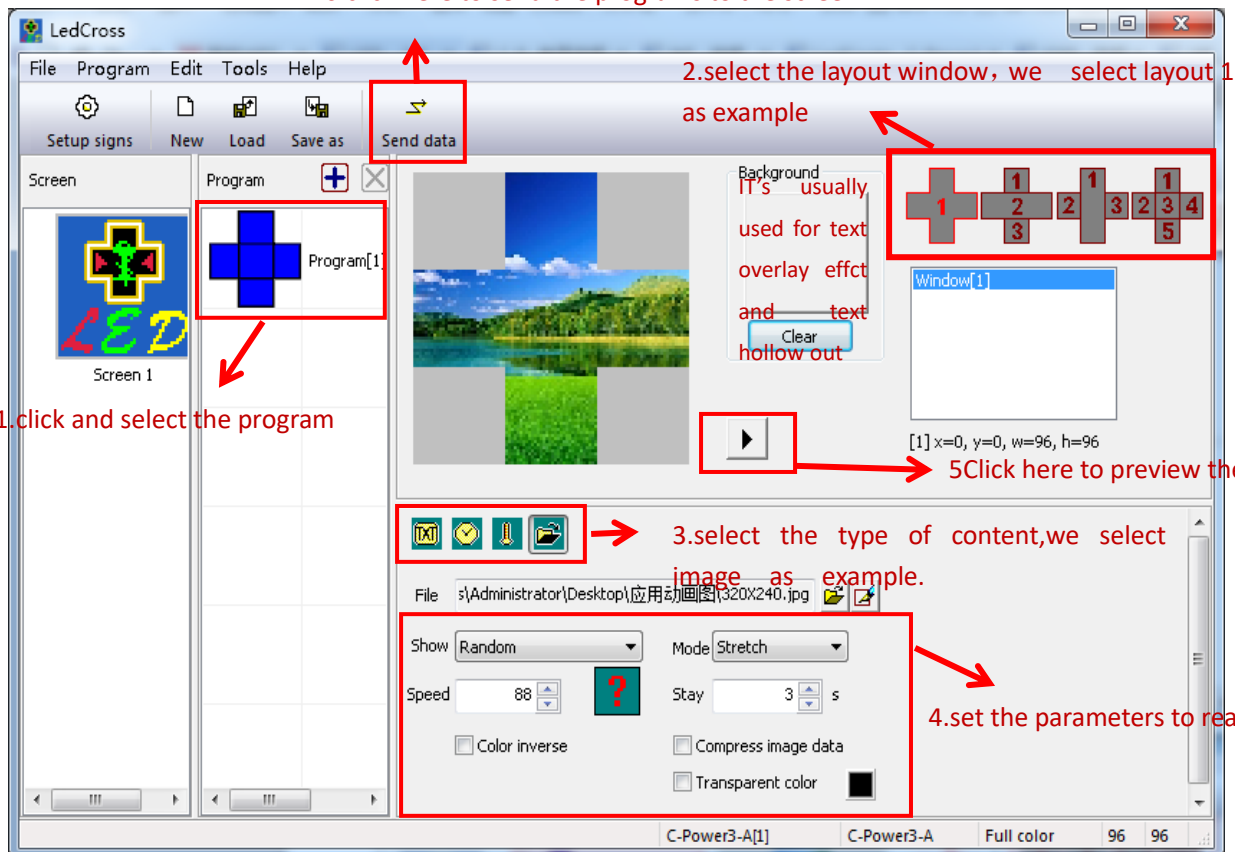
Led Cross has 4 layout windows to select, we will take layout 1 and layout 2 as examples to show you how to edit the contents.



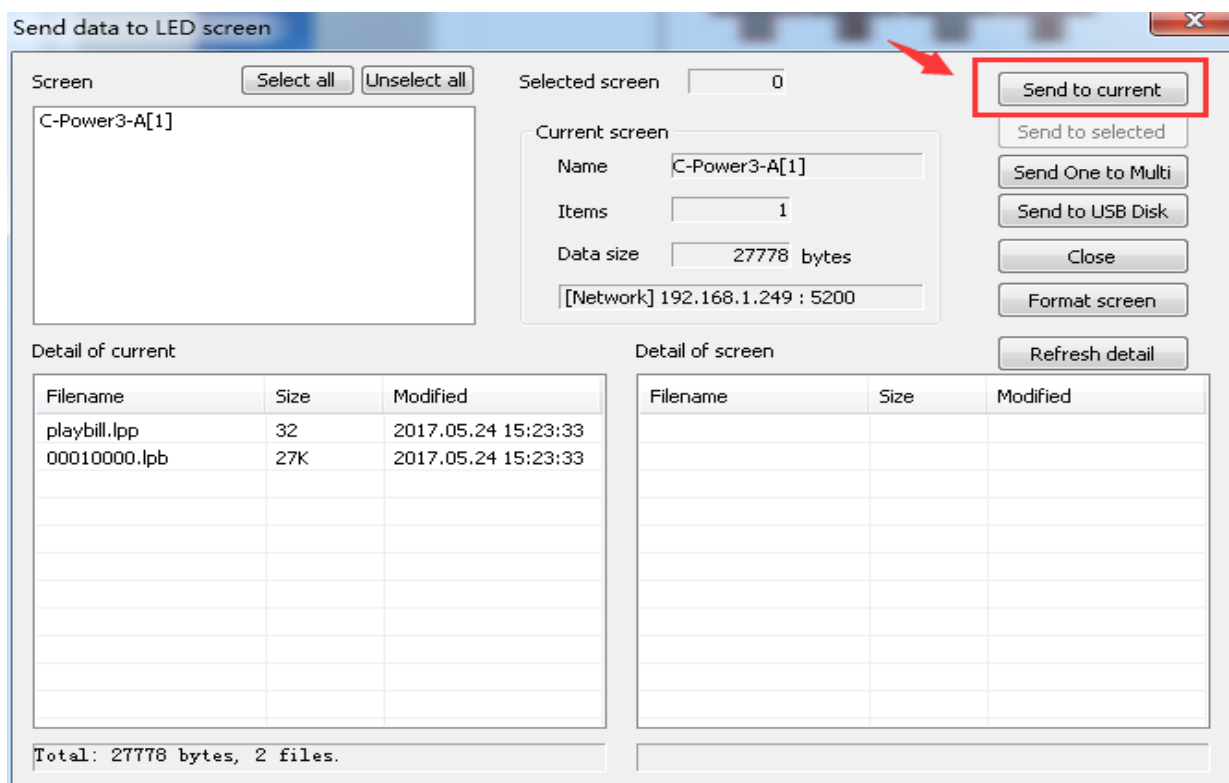
4 layout windows

2.1. Edit the contents of layout 1:

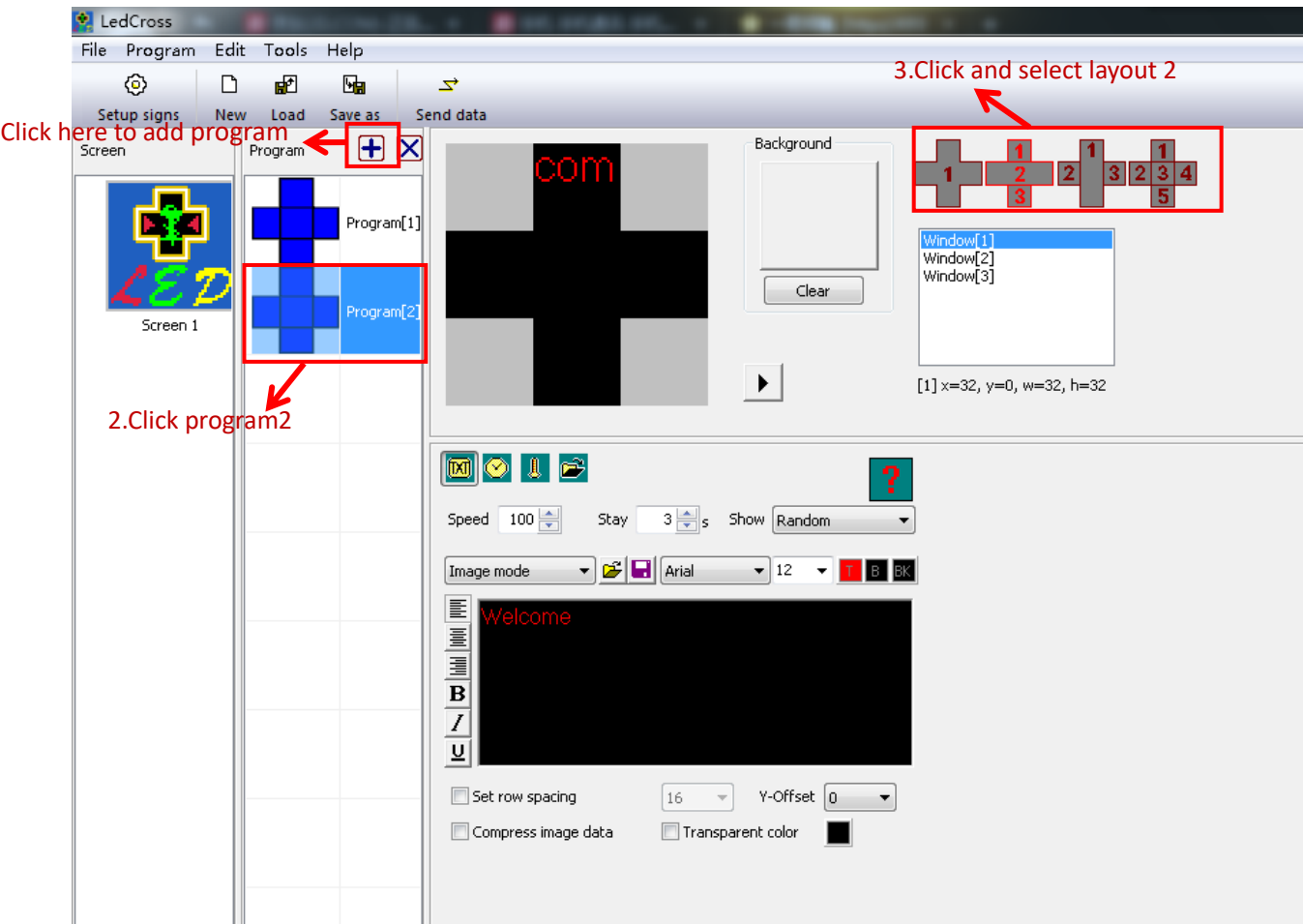
6. click here to send the programs to the screen

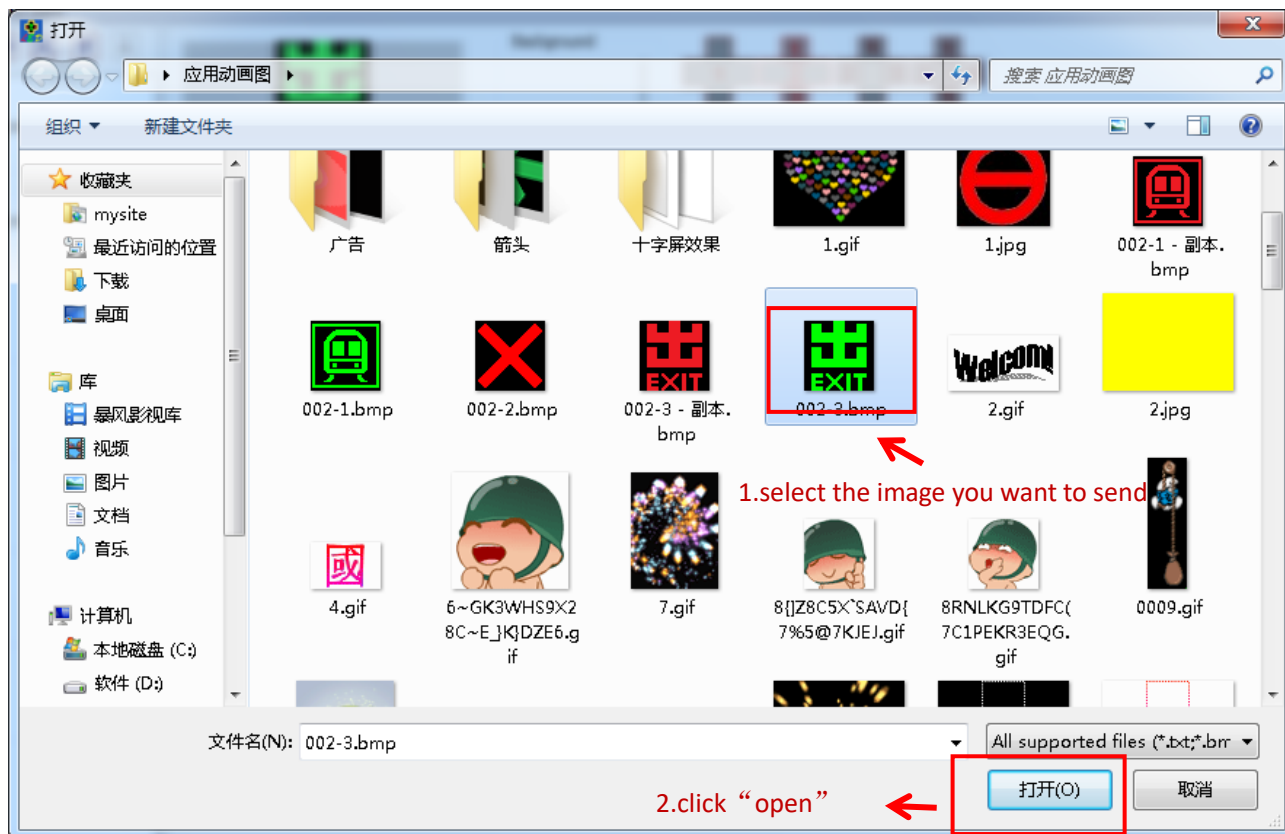
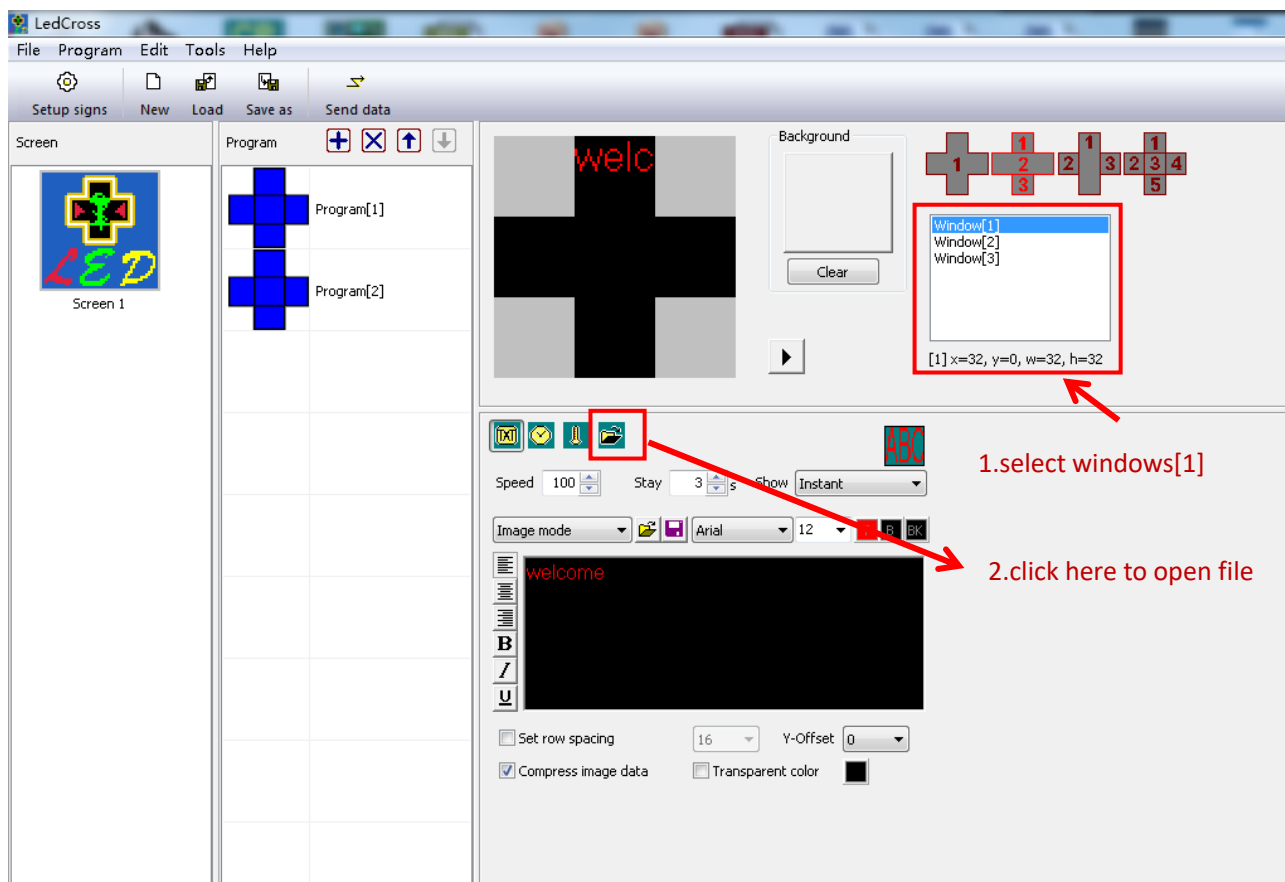


Click “send to current” in the pop-up window, then the programs will display in screen.

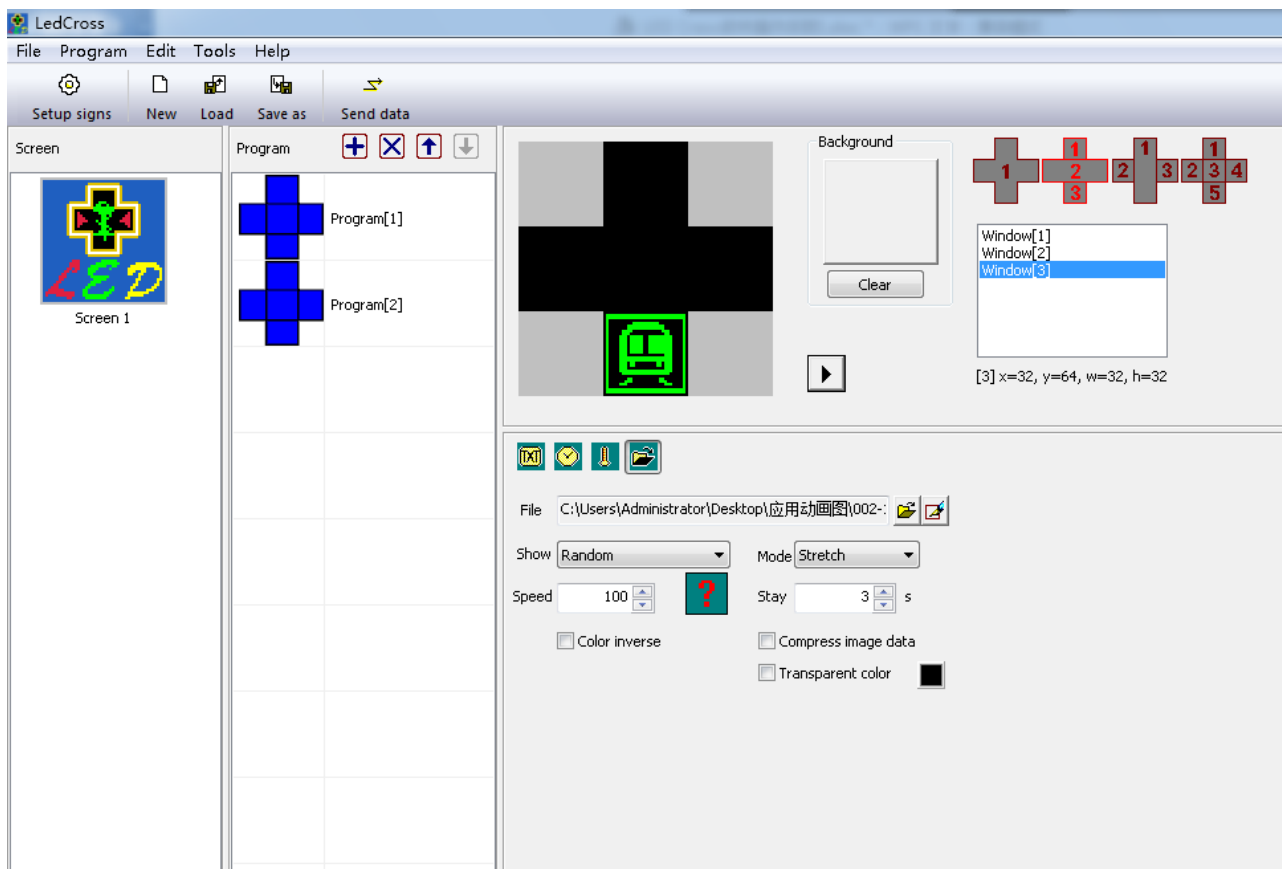
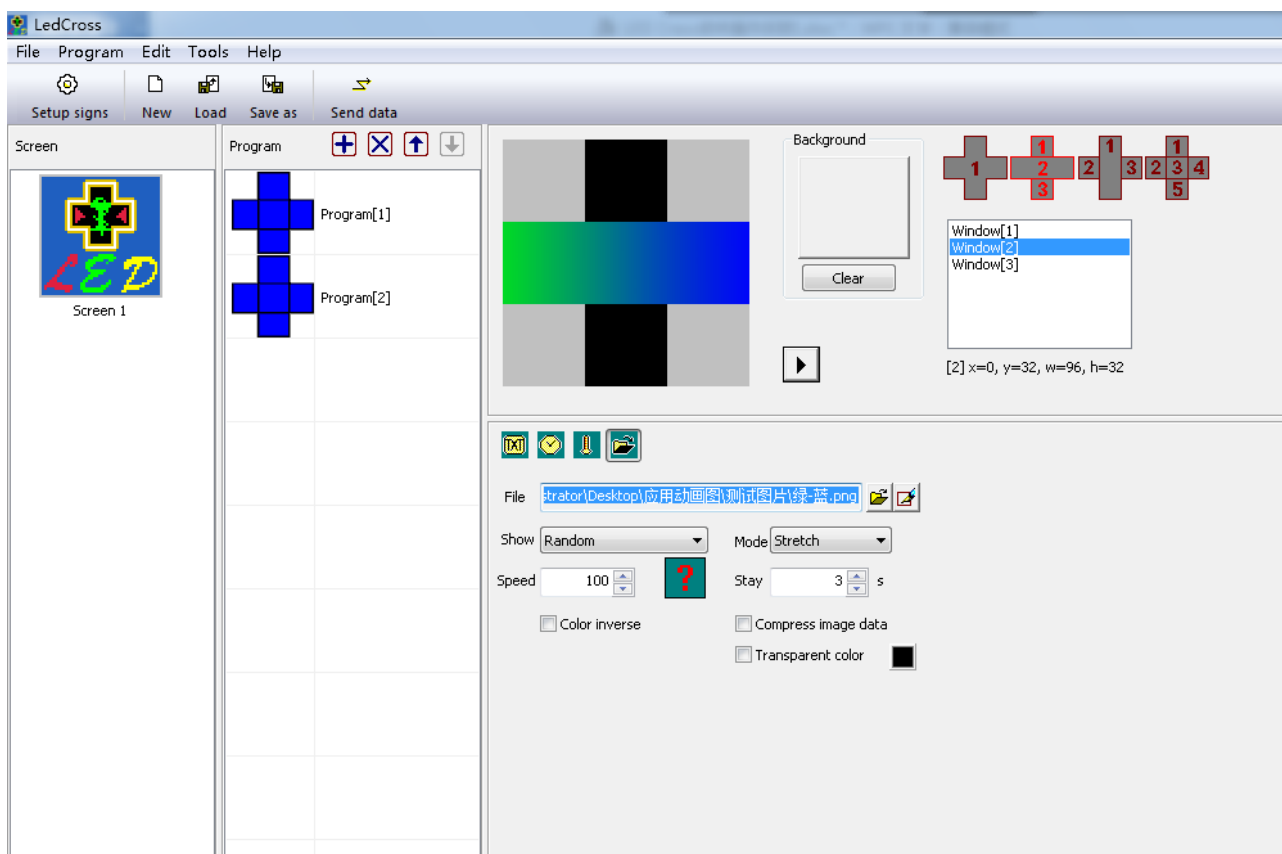


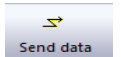
2.2 Edit the contents of layout 2:



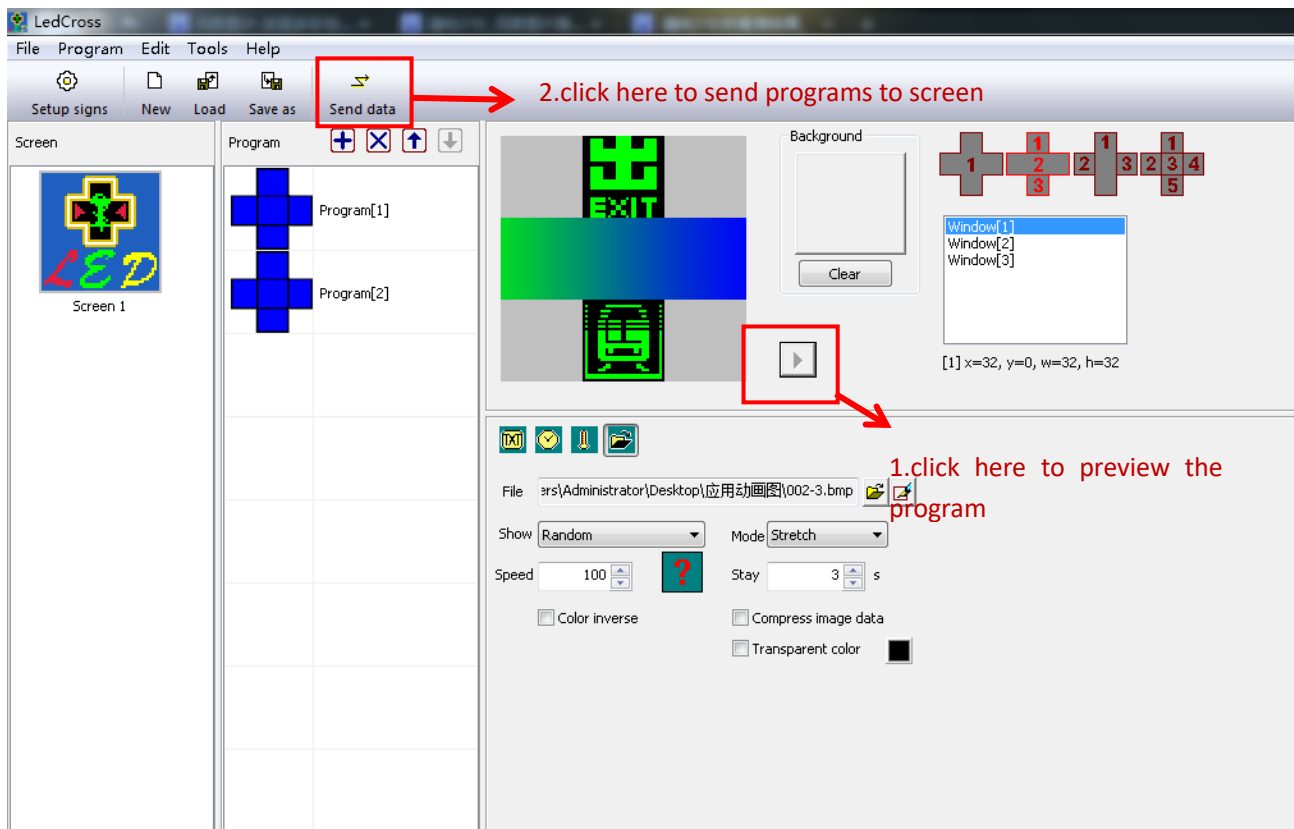


2.3.Then edit Windows[2] and Windows[3] in the same way.





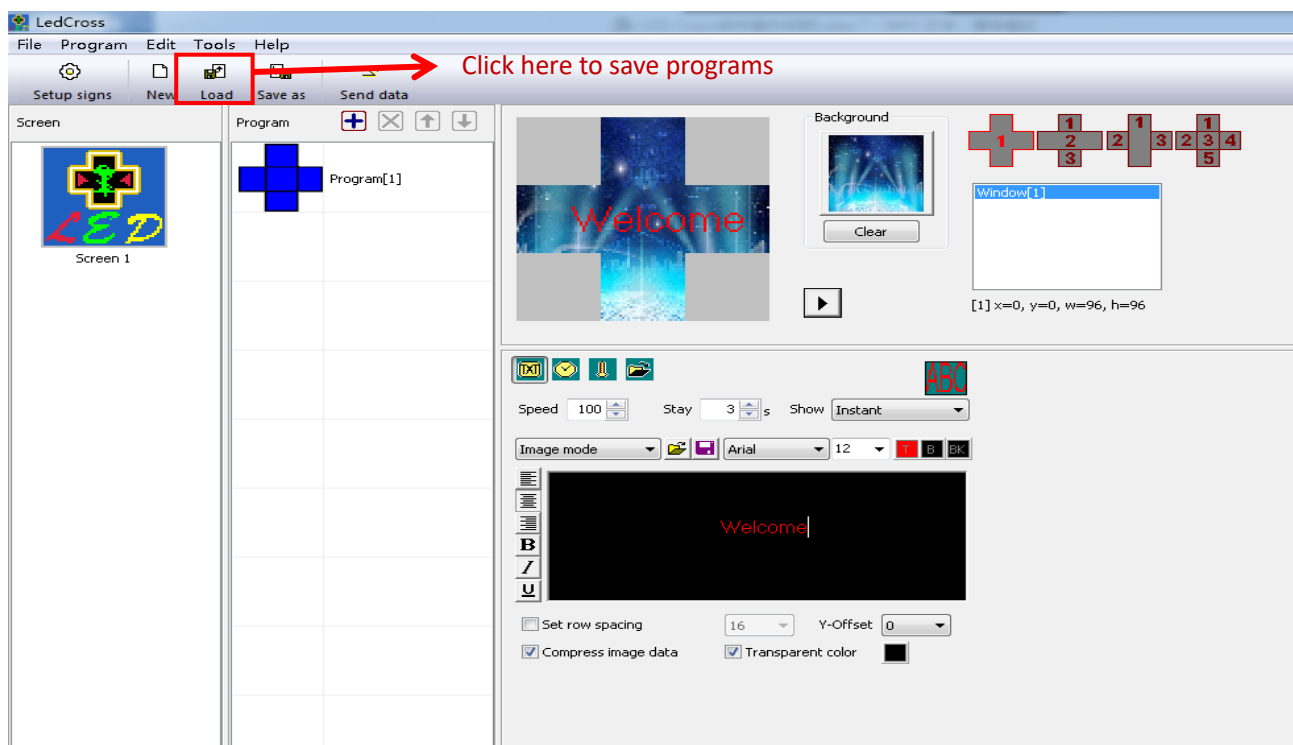
Click to preview the programs after you finish editing, adjust the parameters and then click to send programs data to screen.



There is the same way to edit layout 3 and layout4.

If you want to save the programs,click





Click  to load the programs with a .lpl filename.

