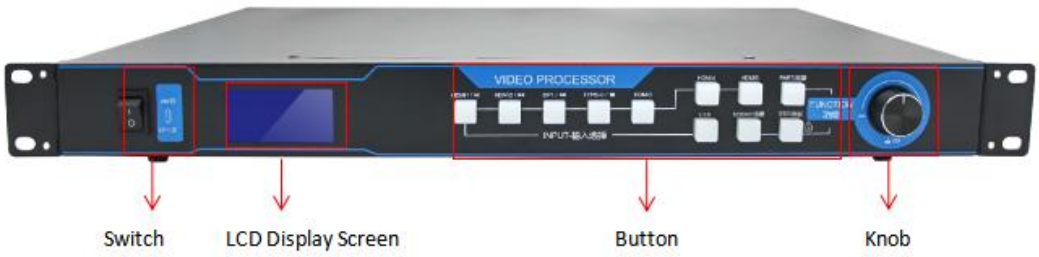
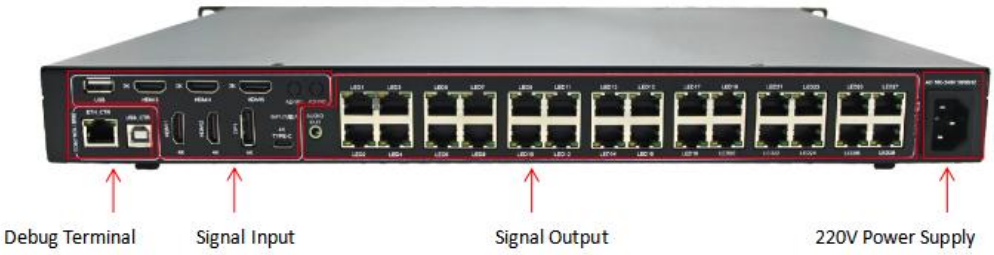
ZH 4K Video Processor Debugging Manual

I. Production Picture:

The Front Panel



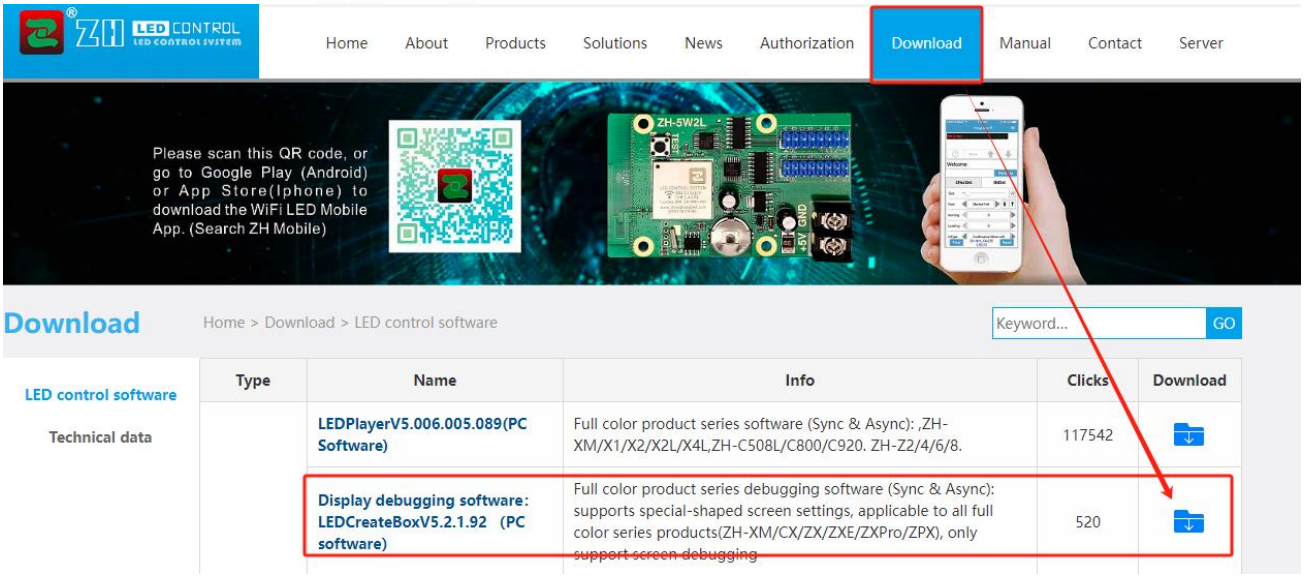
The Back Panel



（Please refer to the actual product for details）

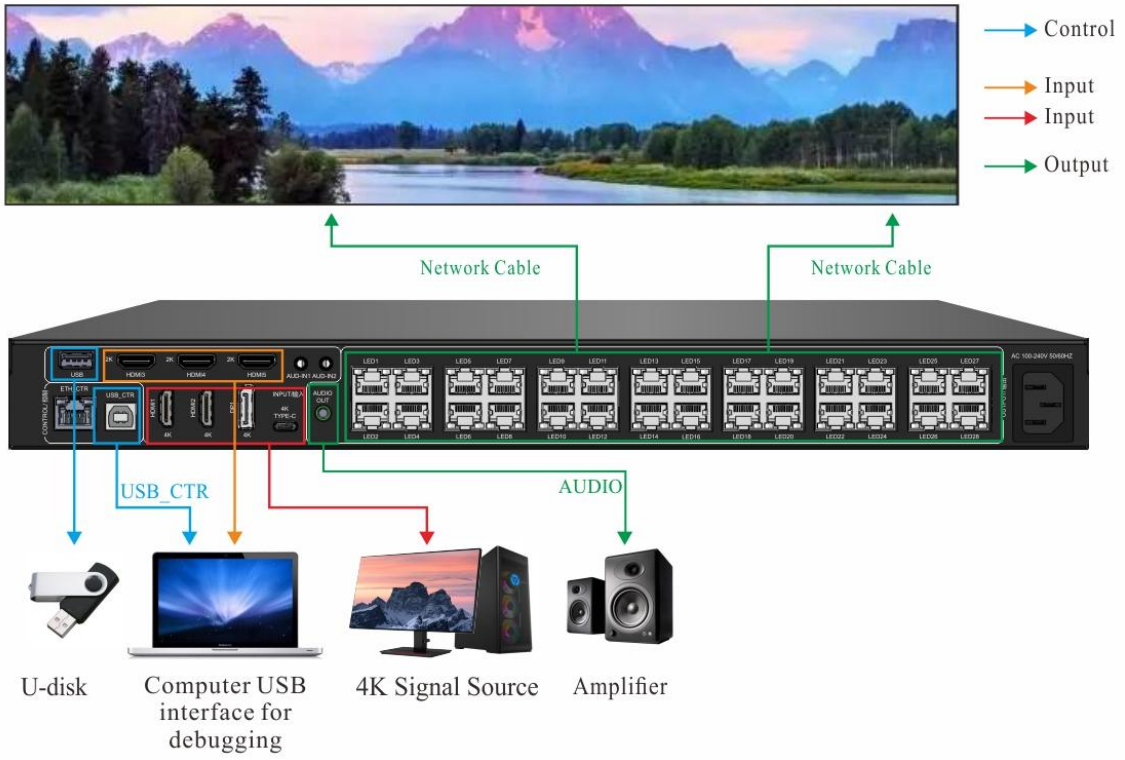
II.Software Download: www.zhonghangled.com/en

Click “ Download” --- Display debugging software: LEDCreateBoxV5



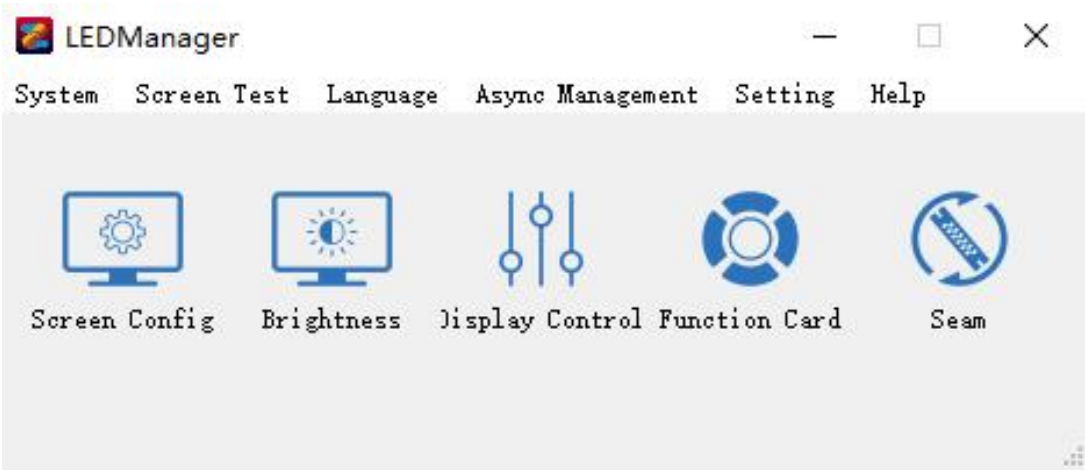
III.Topology Diagram:

During debugging, Need to use the USB cable to connect the computer and the device for debugging, and the computer's HDMI signal needs to be connected to the device to provide a signal source. (Other signal sources can also be used, such as: DP), and the network cable needs to be connected to receiving card in the display screen.

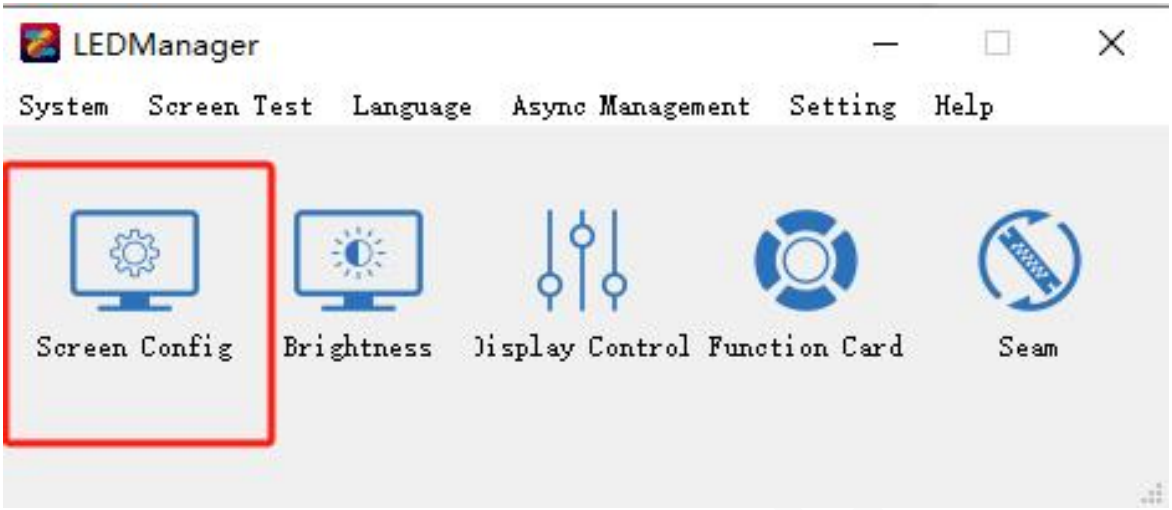


IV. Parameter Setting

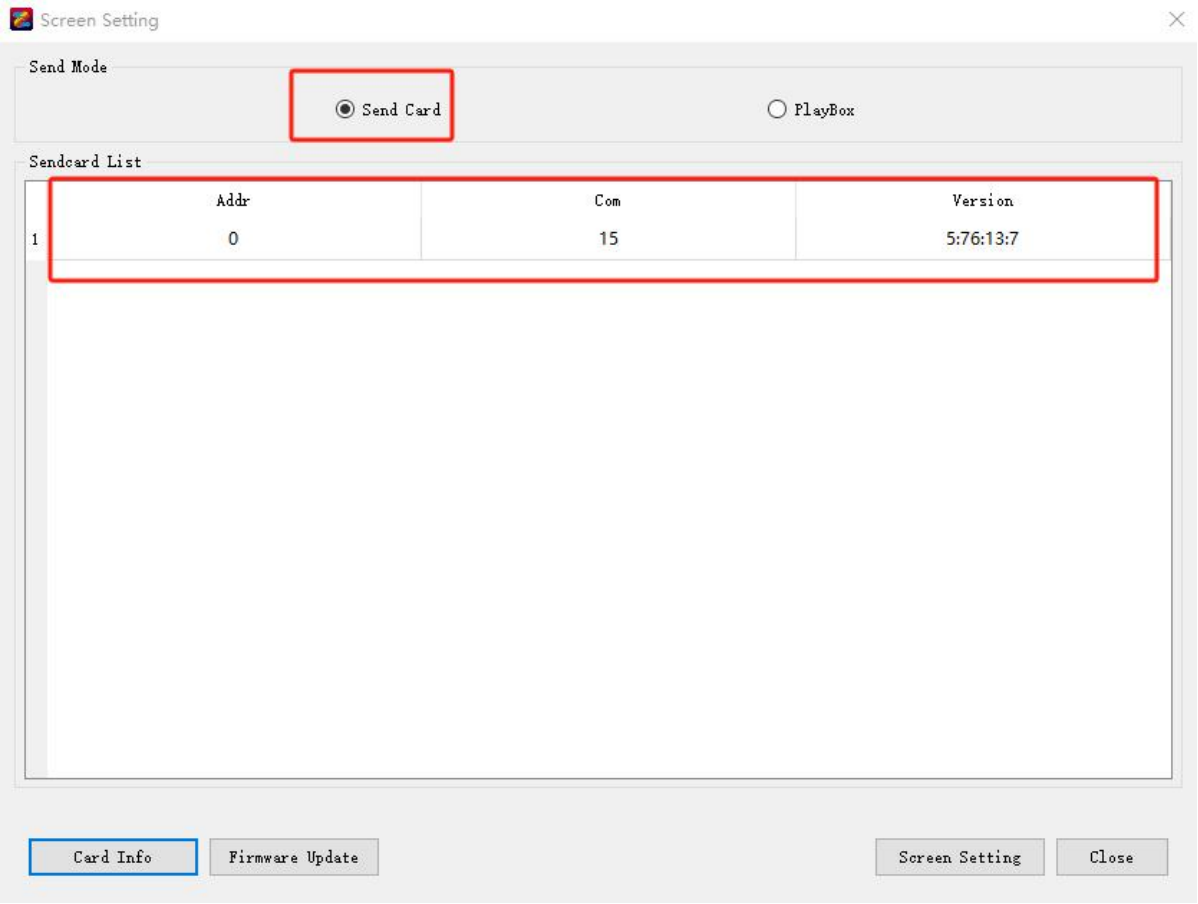
1. Open the Software 



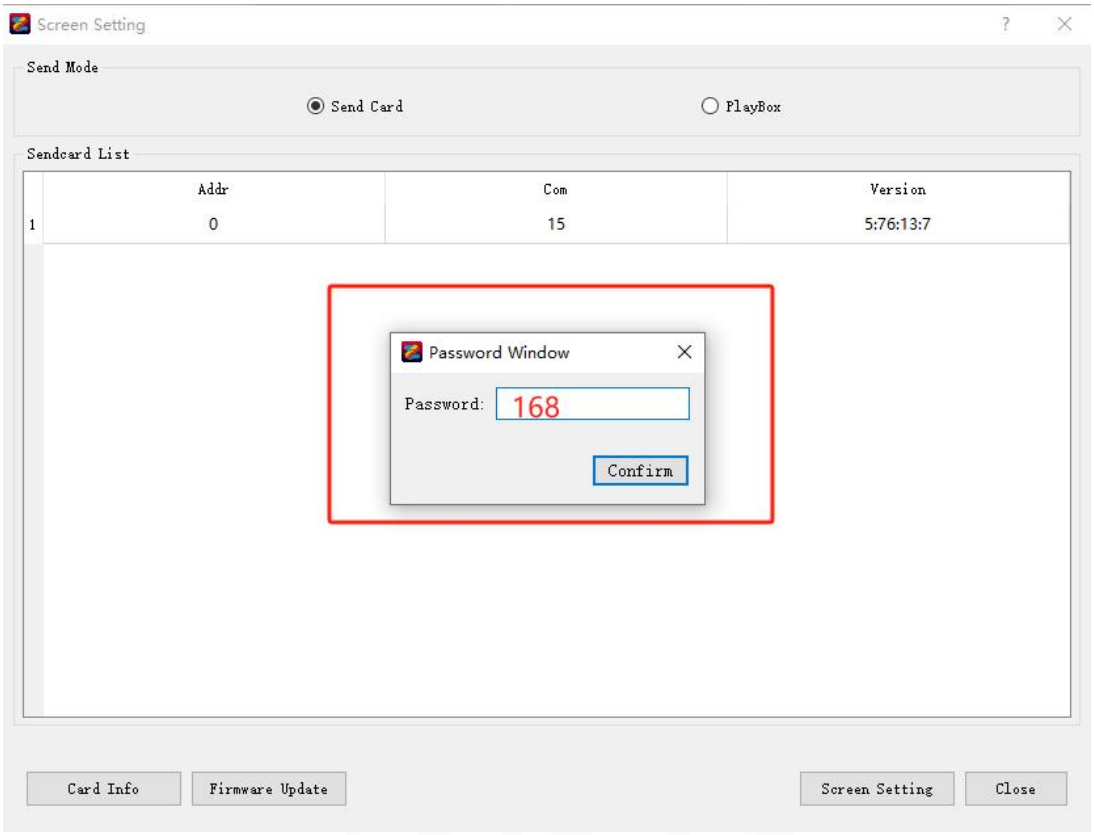
2. Click “Screen Config”



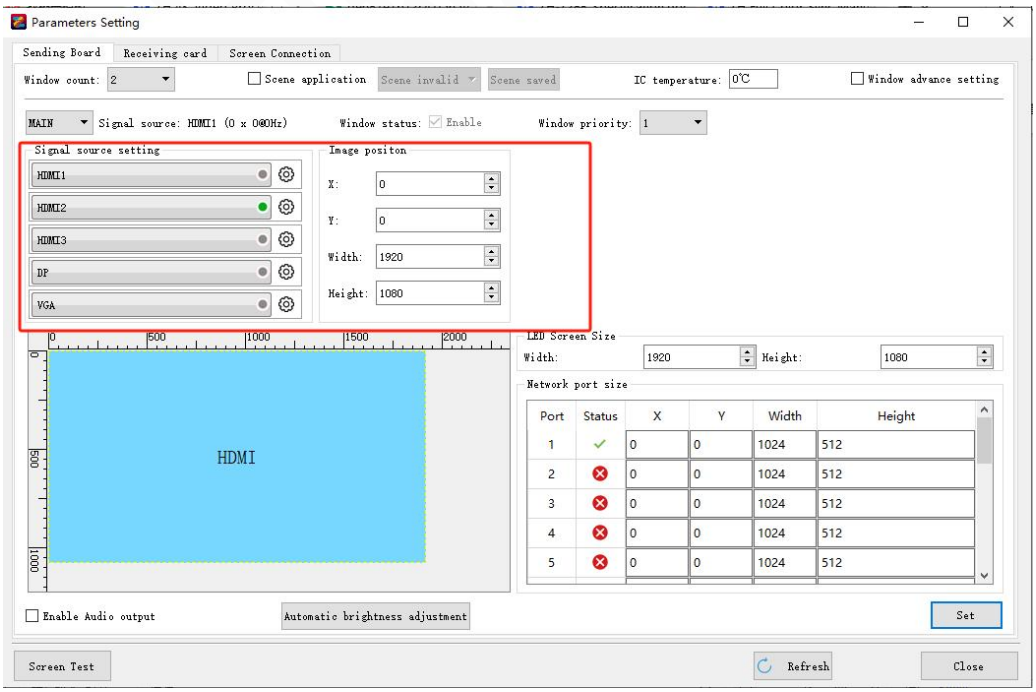
3. Choose “Send Card”, If it is connected, it will refresh automatically. The information as show in the red borders indicates that the search is successful.



4. Click“Screen Setting”the password is“168”



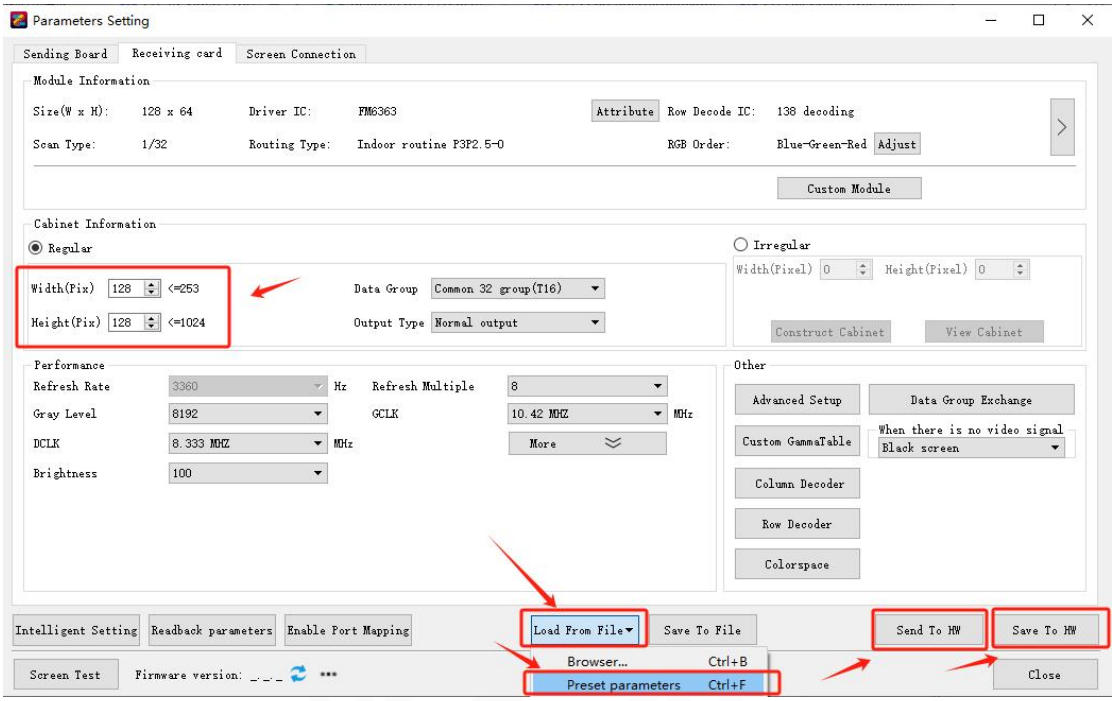
5. Click "Sending Board" to enter its interface. Make sure that at least one signal is displayed as "Signal" in the "Signal Source Settings", and click this signal source. (Or select the corresponding signal source button in the "INPUT-Input Selection" on the device. If the button light is always on, it means there is a signal, and if the button light flashes, it means there is no signal).

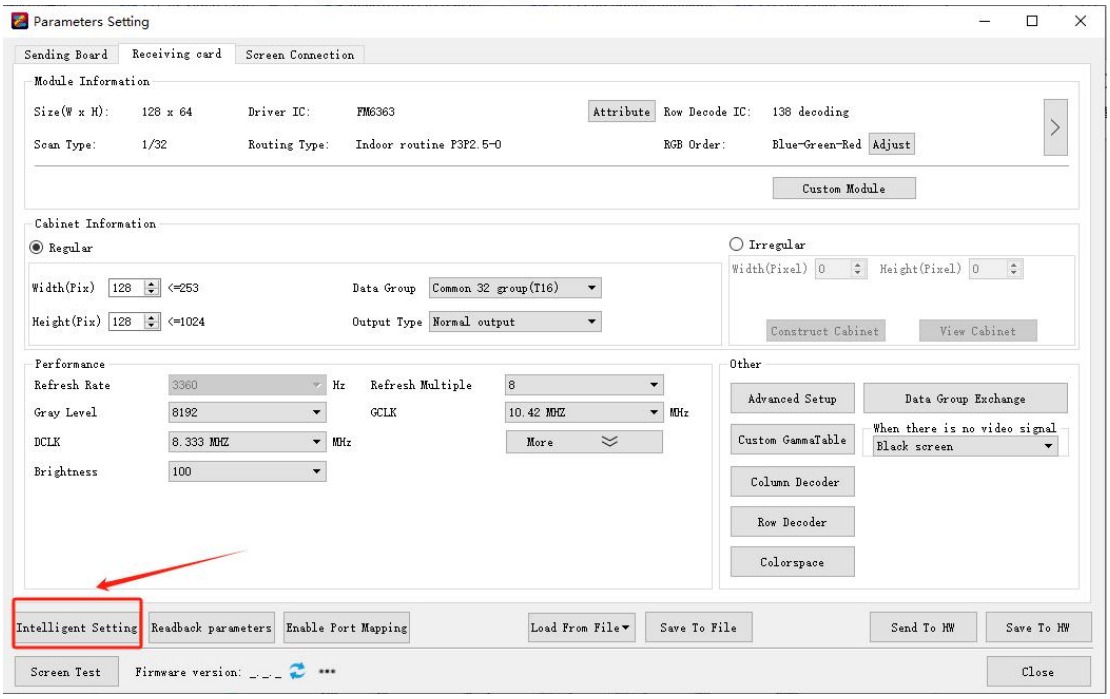


6. Click "Receiving Card" to enter its interface. If the unit board information is known, you can

directly click "Load from File" --- "Preset Parameters" (Ctrl+F) to debug, then set its "Height" and "Width", click "Send to Hardware" and "Save to Hardware". (Also you can also use "Intelligent Settings" to debug)

Note: The preset parameter needs to be obtained by the computer link with internet, or it can be used after downloading the offline file in advance.





7. Click "Screen Connection" to enter its interface --- choose “Receiving Card Count”--- set the number of “columns” and “Row” of the card. Select the corresponding "Netport number" to connect

the receiving card in right order. Then set each receiving card in "width" and "height", after the configuration is completed, click "Send to the HW", after the screen is displayed normally click"Save to the HW" to complete the debugging.

(When connecting the receiving card, the LED display and the computer screen both in the same direction on the front side, just distinguish between up and down, left and right is ok).