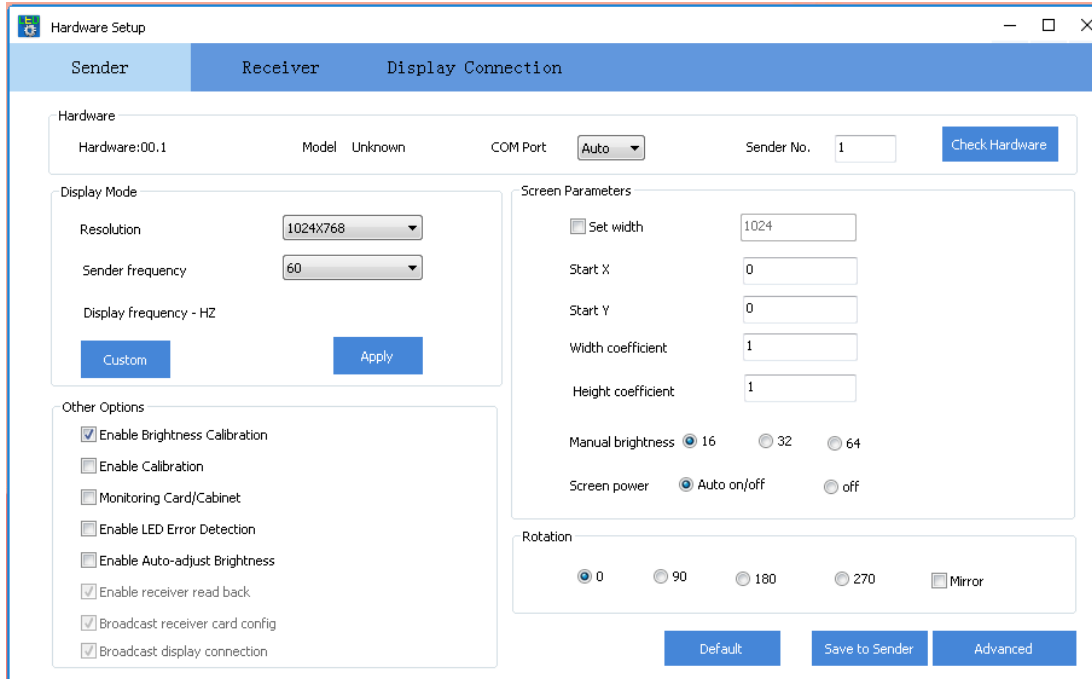
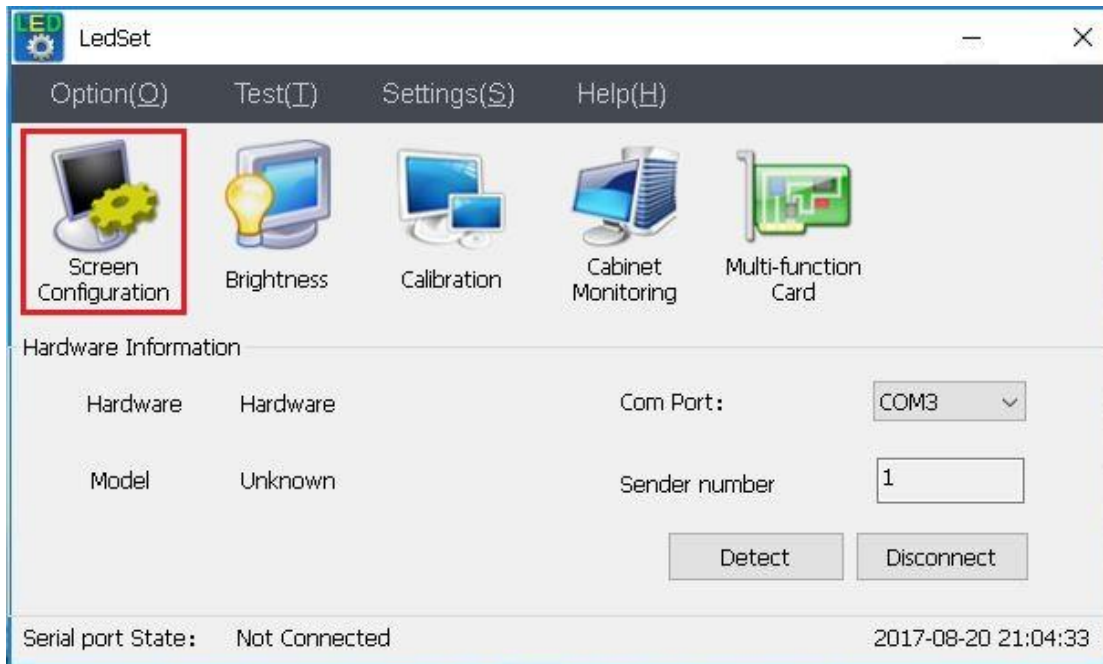


## Manual brightness correction

1. Open Ledset -- Screen configuration -- Setup hardware parameters -- Sender -- Tick “Enable Brightness Calibration”  
-- Save to sender



## 2.Display connection

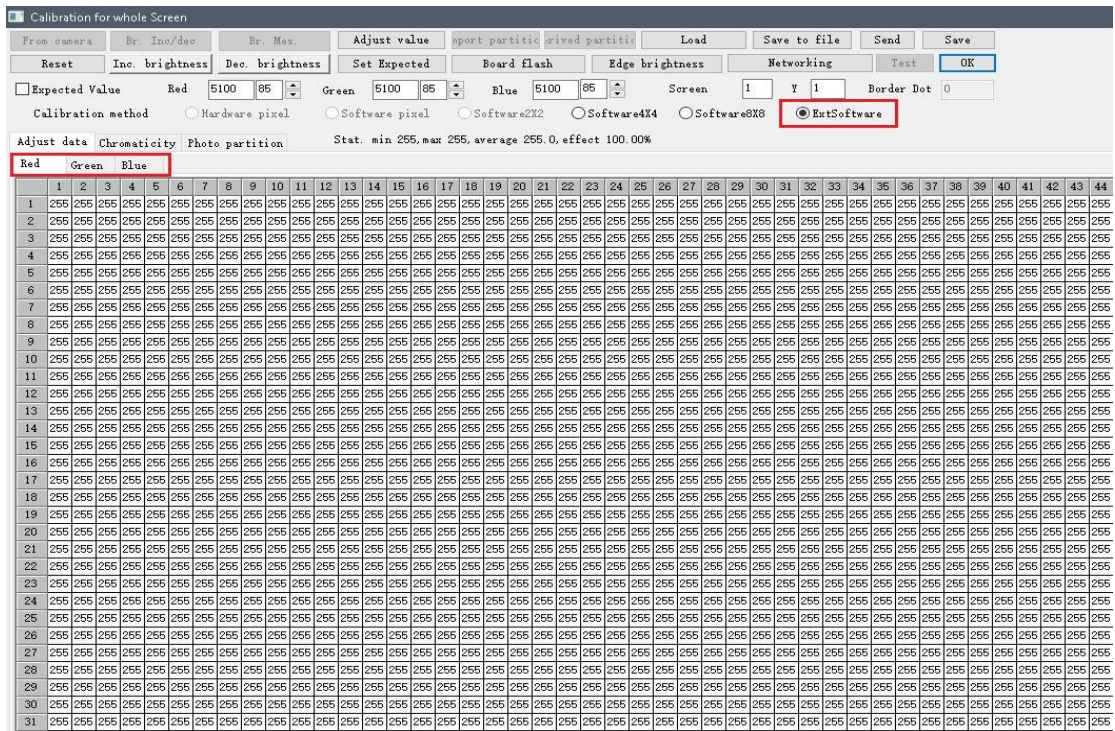
After sending and saving the **Correct CON** file to the receiver cards, click “calibration”

The screenshot shows the 'Hardware Setup' software interface with the 'Display Connection' tab selected. The interface includes a top navigation bar with 'Sender', 'Receiver', and 'Display Connection' tabs. Below the navigation bar, there are settings for 'Setting Mode' (SOM Card, Normal, Complex) and 'Display QTY' (1). The main area is divided into several sections: 'Receiver No.' (Horizontal card 2, Vertical card 1), 'Sender No.' (1), 'Network port' (1(U), 2(D)), and 'Selected Card information' (Extension cable 1, Order No. 0, Width 64, Height 32, Offset 0). A table displays card details for two receiver cards:

	1	2
No. : 1-U-1	No. : 1-U-1	No. : 1-U-1
Order No. : 0	Order No. : 0	Order No. : 0
Width: 0	Width: 0	Width: 0
Height: 0	Height: 0	Height: 0
Offset: 0	Offset: 0	Offset: 0

At the bottom, there is a 'Calibration' button highlighted in red, along with other buttons like 'Panel FLASH', 'Send color calibration data', 'Save color calibration data', 'Load Data', 'Param readback', 'Load from file', 'Save to file', 'Send to receiver', and 'Save to receiver'. A 'Compatible old program' checkbox is also present.

After the brightness correction window appears, click “ExtSoftware”



The table is corresponding to the actual LED screen. For example, if the LED screen is 128 x 64 pixel points, the corresponding table is 128 grids for width and 64 grids for height.

There are 3 colors (Red, Green and Blue) for correction, choose the needed color to change the brightness manually.

For example, the top left corner part (16 x 16 or one module size) needs brightness correction. So choose this part, and then click “Inc. brightness” to increase the brightness or click “Dec.brightness” to decrease the brightness. “Reset” is to make the brightness return to the original status. (Max value is 255)

Calibration for whole Screen

From camera Br. Inc/dec Br. Mas. Adjust value Sport partition Privid partition Load Save to file Send Save

Reset Inc. brightness Dec. brightness Set Expected Board flash Edge brightness Networking Test OK

Expected Value Red 5100 85 Green 5100 85 Blue 5100 85 Screen 1 Y 1 Border Dot 0

Calibration method Hardware pixel Software pixel Software2X2 Software4X4 Software8X8 **ExtSoftware**

Adjust data Chromaticity Photo partition Stat. min 255, max 255, average 255.0, effect 100.00%

Red	Green	Blue
1	255	255
2	255	255
3	255	255
4	255	255
5	255	255
6	255	255
7	255	255
8	255	255
9	255	255
10	255	255
11	255	255
12	255	255
13	255	255
14	255	255
15	255	255
16	255	255
17	255	255
18	255	255
19	255	255
20	255	255
21	255	255
22	255	255
23	255	255
24	255	255
25	255	255
26	255	255
27	255	255
28	255	255
29	255	255
30	255	255
31	255	255
32	255	255
33	255	255
34	255	255
35	255	255
36	255	255
37	255	255
38	255	255
39	255	255
40	255	255
41	255	255
42	255	255
43	255	255
44	255	255
45	255	255
46	255	255
47	255	255
48	255	255
49	255	255
50	255	255
51	255	255
52	255	255
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54	255	255
55	255	255
56	255	255
57	255	255
58	255	255
59	255	255
60	255	255
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62	255	255
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65	255	255
66	255	255
67	255	255
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69	255	255
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82	255	255
83	255	255
84	255	255
85	255	255
86	255	255
87	255	255
88	255	255
89	255	255
90	255	255
91	255	255
92	255	255
93	255	255
94	255	255
95	255	255
96	255	255
97	255	255
98	255	255
99	255	255
100	255	255

Calibration for whole Screen

From camera Br. Inc/dec Br. Mas. Adjust value Sport partition Privid partition Load Save to file Send **Save**

Reset Inc. brightness Dec. brightness Set Expected Board flash Edge brightness Networking Test OK

Expected Value Red 5100 85 Green 5100 85 Blue 5100 85 Screen 1 Y 1 Border Dot 0

Calibration method Hardware pixel Software pixel Software2X2 Software4X4 Software8X8 **ExtSoftware**

Adjust data Chromaticity Photo partition Stat. min 255, max 255, average 255.0, effect 100.00%

Red	Green	Blue
1	255	255
2	255	255
3	255	255
4	255	255
5	255	255
6	255	255
7	255	255
8	255	255
9	255	255
10	255	255
11	255	255
12	255	255
13	255	255
14	255	255
15	255	255
16	255	255
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33	255	255
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87	255	255
88	255	255
89	255	255
90	255	255
91	255	255
92	255	255
93	255	255
94	255	255
95	255	255
96	255	255
97	255	255
98	255	255
99	255	255
100	255	255

For green and blue, it is the same procedure.

After finishing the correction, click “Save” icon to save to the receiver cards.

End