

Full color Asynchronous controller HD-C1/HD-C3 (FAQ)

1. HUB problems for HD-C3

1) If using HUB75B(10Port): Click Setting-Hardware setting – Select “Using 20 Group Model”

The screenshot shows the hardware configuration interface. Under the 'Expansion Function' section, the checkbox for 'Use 20 Group Model' is checked and circled in red. Other settings include 'Using the Extended Board' (unchecked), 'Extended Height Method 2' (unchecked), and 'A Group of Cable RGB Goup Number' set to 1. The 'Screen Information' section shows 'Data Polarity' as Low Valid, 'OE Polarity' as High Valid, 'Decoder 138' as Used, and 'The Lamp Board Chip' as Universal Chip. The 'Screen Type' is Full-Color, 'Screen Size' is 128*128, and 'Scan Type' is Static Scan. The 'Color Channel' is set to Red, Green, Blue, and Black. Buttons at the bottom include SmartSet, Import, Send, Save as, and Quit.

2) If using HUB75(16Port): Click Setting-Hardware setting – Select “Using the Extended Board”

The screenshot shows the hardware configuration interface. Under the 'Expansion Function' section, the checkbox for 'Using the Extended Board' is checked and circled in red. The checkbox for 'Use 20 Group Model' is unchecked. Other settings are the same as in the previous screenshot. Buttons at the bottom include SmartSet, Import, Send, Save as, and Quit.

3) If using HUB75(20Port): Click Setting-Hardware setting – Select “Using the Extended Board”+ “Using 20 Group Model”

The screenshot shows the hardware configuration interface. Under the 'Expansion Function' section, both the checkbox for 'Using the Extended Board' and the checkbox for 'Use 20 Group Model' are checked and circled in red. Other settings are the same as in the previous screenshots. Buttons at the bottom include SmartSet, Import, Send, Save as, and Quit.

2. Showing Problems

1) If display 4 lines bright ,4 lines not bright, please check with customer” what HUB used” and whether select “Using the Extended Board”

This is a close-up of the 'Expansion Function' section from the hardware settings interface. The checkbox for 'Using the Extended Board' is checked and circled in red. The checkbox for 'Use 20 Group Model' is unchecked. Below these are input fields for 'A Group of Cable RGB Goup Number' (set to 1) and 'Series Connection Multiple' (set to 1). Buttons for '5042/5050 Chip Set Parameters' and 'Advanced Parameters' are also visible.

2) If display 8lines bright, 8 lines not bright ,please check with customer whether the led module is 16 Scan, it should use HUB75B (Because indoor 16 scan using HUB75B,not HUB75)

3) In setting –Hardware-setting –Smart setting ,in this step of Color Channel, if the display showing different colors strip in display ,please check” **what HUB used** “and **whether Select “Using 20 Group Model”**



4) For 16Scan and 4Scan led module, no 138 decoder, can not use “**use the Extended board**, include HUB75(16 Port) and HUB75(20 port)

2. The control range of HD-C1/HD-C3

For HD-C1

1) HD-C1 Can not “**use the Extended board** “and **Using 20 Group Model”**

If HUB75, it support 8Height

If HUB75B, it support 8Height

If HUB40, it support 8Height

If HUB08, it support 16Height

If HUB12, it support 32Height

Note: C1 of the Height just support 128 Pixel, If HUB08 led module 32*32 ,it just support 4 height (ways : $128 \div 32 = 4$)

2) HD-C1 : Pixel 384Width * 128Height (we suggest)

But the Width can be 640Pixel largest

For example : Customer want support display 516W,so the Height just 84H.

The ways : $384 * 128 = 49152, 49152 \div 576 = 85.3 = 84$ (Because the led module pixel it is even number)

For HD-C3

1) For HD-C3 Pixel 384 Width * 256Height (we suggest)

But the height can be 512Pixel largest, the Width can be 896Pixel largest

Note: it can support 896W*512H (it can play Picture and Text);

If Width more than 640Pixel, for moving text, it is not very fluently

2) For HD-C3 Can use “**use the Extended board** “and **Using 20 Group Model”**

If HUB75, It support 20 Height

If HUB75B, It support 10 Height

If HUB40, It support 16 Height

If HUB08, It support 32 Height

If HUB12, It support 64 Height

Note: The height not more than 512 Pixel, if HUB08 led module 32*32,it just support 16 Height

(Ways: $512 * 32 = 16$), if HUB08 led module of 5Scan of 20*10, it can support 32 Height(ways : $32 * 10 = 320$ Pixel, not exceed the control range of 512Pixel)