



Dalian Good Display Co., Ltd.





Picture Production and Bitmap Conversion for GDEW0154Z17





Take Figure 1 for example, we will briefly introduce how to make picture and convert bitmap.

1. How to Make Picture

Separate the picture to be displayed into two 152*152 resolution pictures, one for the black part and one for the red part, and save them as BMP or JPG files (BMP is recommended).



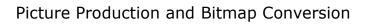
2. Bitmap Conversion

Open *Image2lcd.exe* in the RAR package. Parameter setting is shown in Figure 2 and 3:

- 2.1 Open the black picture and the red picture respectively;
- **2.2** "*Output file type*": Choose "*C array* (*.*c*)";
- 2.3 "Scan mode": Choose "Vertical Scan";
- **2.4** "*BitsPixel"*: Choose "*monochrome"*;
- 2.5 "Max Width and Height": Fill in "152" and "152", and click the arrow to confirm;



- 2.7 "Reverse color": Tick if you don't want to reverse color;
- **2.8** Click "*Save*" to save the array as a file of ".c";
- **2.9** Replace the corresponding array in the program with the array of ".c" file.





| Image2Lcd v3.2 | |
|--|---|
| 🗳 🖬 🗊 Open Save Batch | Image: Weight of the second |
| C array(*.c) Vertical Scan Monochrome 152 152 • | 1.54 inch Black WIM2 Good Display |
| Include head data Antitone pixel in byte Scan Right to Left Scan Bottom to Top MSB First | Default Image: Reverse color Normal Brightness: |
| Input image : 152x152 | 1.bmp (152,152) Output image : (152,152) |

Figure 2

| Image2Lcd v3.2 | |
|--|---|
| 🖒 🖬 🗊 Open Save Batch | Set Reload Up Next Help About |
| | 10:00 00:01 |
| C array(*.c) | Three Color Red 152x152 |
| ☐ Include head data ☐ Antitone pixel in byte ☑ Scan Right to Left ☐ Scan Bottom to Top ☐ MSB First | Default I✓ Reverse color Normal Brightness: |
| Input image : 152x152 | 1.bmp (152,152) Output image : (152,152) |

Figure 3