Picture Production and Bitmap Conversion



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Picture Production and Bitmap Conversion for GDEY0213Z98



Figure 1

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 250*122 resolution pictures, one for the black part(the content to be displayed is black) and one for the red part(the content to be displayed is black), and save them as BMP or JPG files(BMP is recommended).



2. Bitmap Conversion

Open *Image2lcd.exe* in the RAR package. The black and white picture Parameter setting is shown in Figure 2,The red picture mode Parameter setting is shown Figure 3 :

2.1 Open the picture;

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 "250" and "122" and click the arrow to confirm;

2.6 Include head data Antitone pixel in byte Scan Right to Left Scan Bottom to Top MSB First

- 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	603 121 Set Reload Up Next Help About	
C array(*.c) Vertical Scan Monochrome 250 122	GOODISPLAY \$23.85 Resolution: 250×122 Black, White and Red	
 Include head data Antitone pixel in byte Scan Right to Left Scan Bottom to Top MSB First 	Adjust 256 Color 4096 Color 16-bit-Color 18-bit-Color 24-bit-Color 32-bit-Color Register	
Input image : 250x122 GDEH0213Z98-1.bmp (250,122) Output image : (250,122)		

Figure 2

Image2Lcd v3.2		
ා ම ම Open Save Batch	603 12L Set Reload Up Next Help About	
C array(*.c)	2.13 INCH E-PAPER DISPLAY	
250 122 Include head data Antitone pixel in byte Scan Right to Left Scan Bottom to Top MSB First	Brightness: Contrast Adjust 256 Color 16-bit-Color 18-bit-Color 24-bit-Color 32-bit-Color Register	
Input image : 250x122 GDEH0213Z98-2.bmp (250,122) Output image : (250,122)		