



# Picture Production and Bitmap Conversion



**GDEW0371Z80**

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# Picture Production and Bitmap Conversion for GDEW0371Z80



**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 416\*240 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 *Image2/cd.exe* in the RAR package. Parameter setting is shown in Figure 2 and 3:

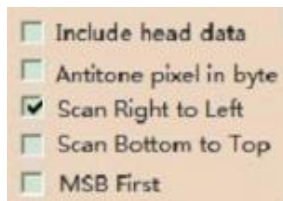
**2.1** Open the black picture and the red picture respectively;

**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 "416" and "240", and click the arrow to confirm;



**2.6** Tick the third one;

**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.



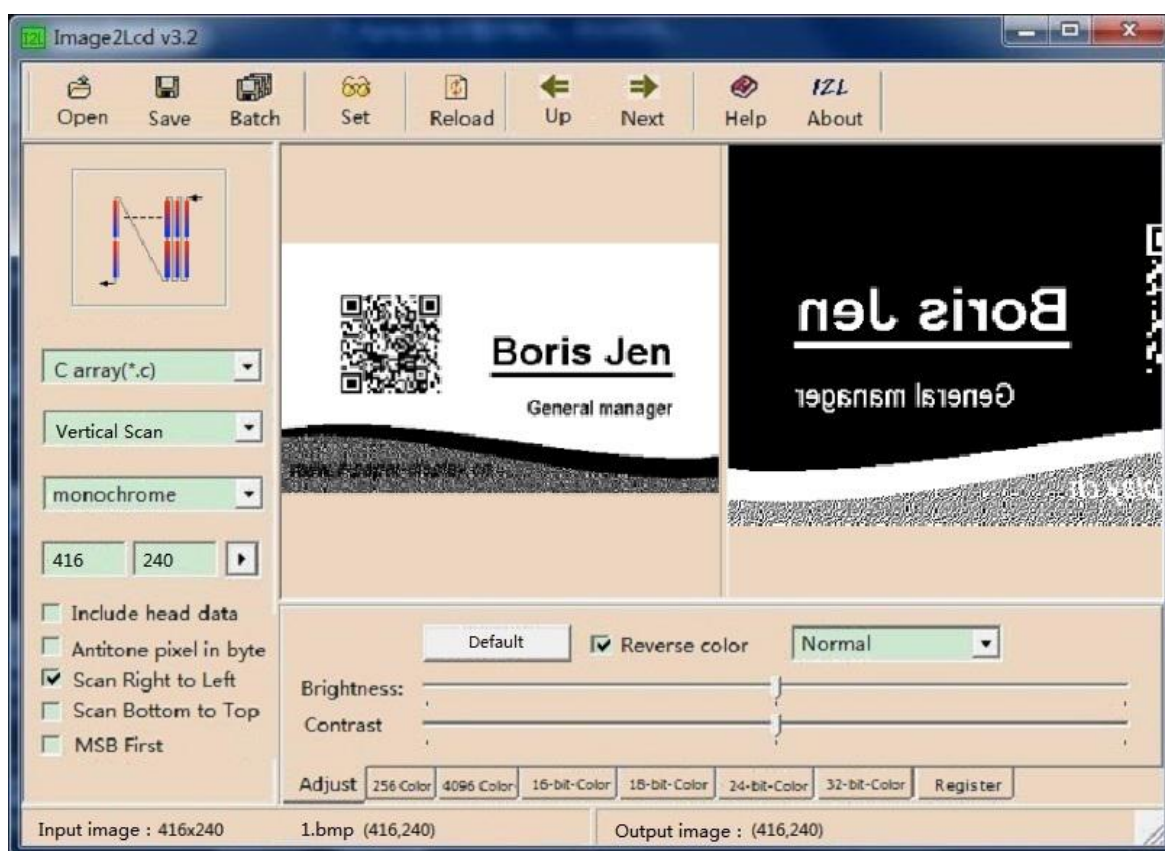


Figure 2

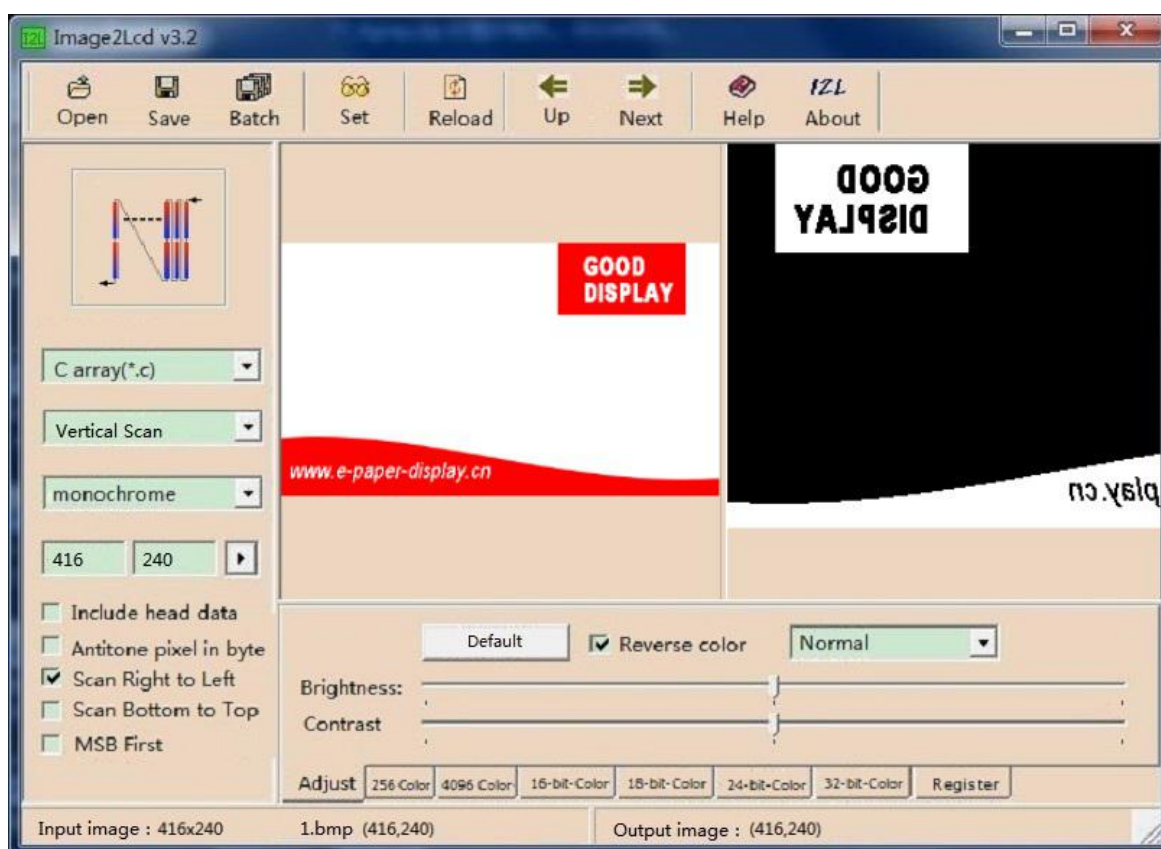


Figure 3