

# Picture Production and Bitmap Conversion



**GDEW042Z15**

Dalian Good Display Co., Ltd.

# Picture Production and Bitmap Conversion for GDEW042Z15



**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 400\*300 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:

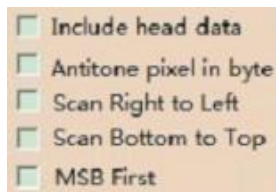
**2.1** Open the black picture and the red picture respectively;

**2.2** "Output file type": Choose "C array (\*.c)";

**2.3** "Scan mode": Choose "Horizon Scan";

**2.4** "BitsPixel": Choose "monochrome";

**2.5** "Max Width and Height": Fill in "400" and "300", and click the arrow to confirm;



**2.6** Don't tick these five items;

**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.

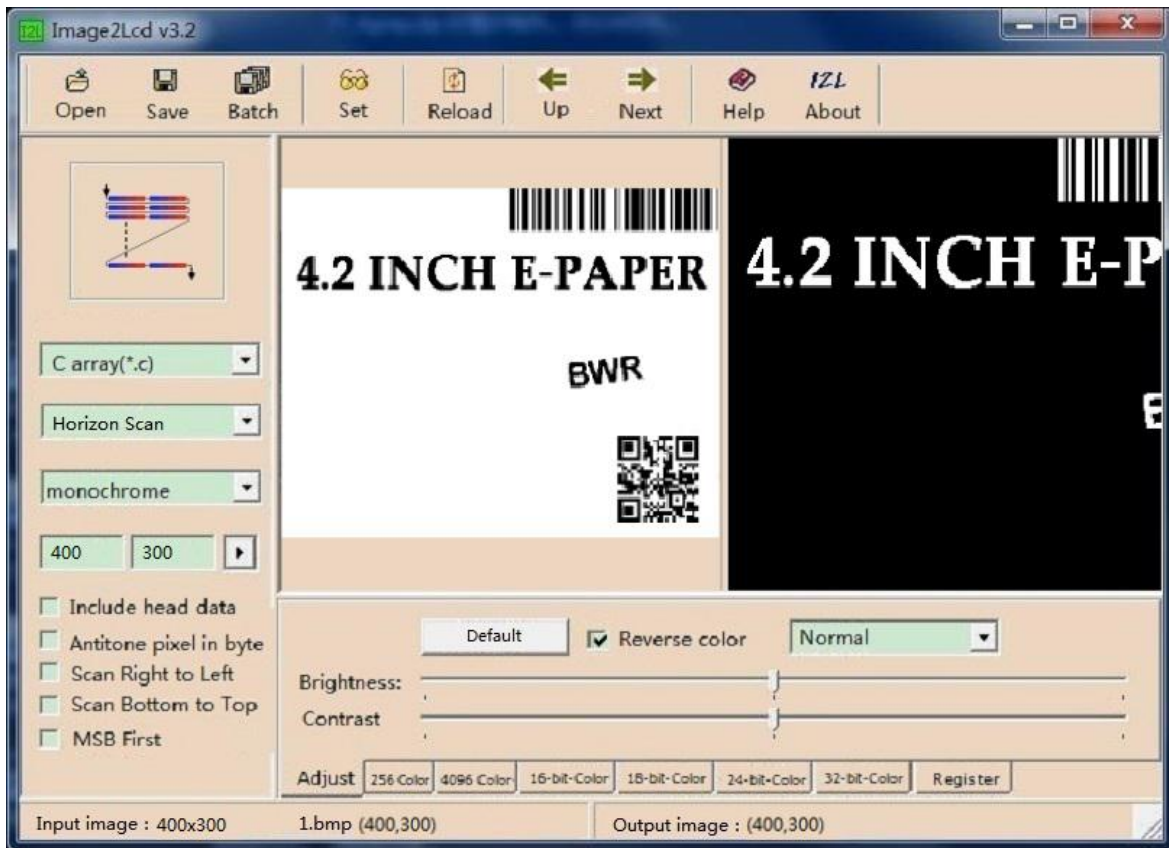


Figure 2



Figure 3