

## Picture Production and Bitmap Conversion

# Picture Production and Bitmap Conversion for **GDEW075Z09**



**Figure 1**

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

## **1. How to Make Picture**

Make a black/white/red or black/white/yellow picture of 640\*384 resolution (gray scale is not supported), and save it as a BMP or JPG file (BMP is recommended).

## 2. Bitmap Conversion

Open *Image2/cd.exe* in the RAR package. Parameter setting is shown in Figure 2:

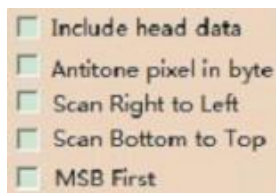
**2.1** Open the picture;

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

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

**2.4** "BitsPixel": Choose "4 Gray";

**2.5** "Max Width and Height": Fill in "640" and "384", and click the arrow to confirm;



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

**2.7** "Reverse color": Don't tick;

**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**