

## Picture Production and Bitmap Conversion







## Picture Production and Bitmap Conversion for GDEW080T5



Figure 1

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

## 1. How to Make Picture

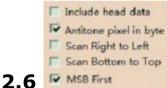
This screen supports gray scale and partial refresh, Make a 4-gray or 16-gray picture of 1024\*768 resolution , and save it as a BMP or JPG file (BMP is recommended).



## 2. Bitmap Conversion

Open *Image2lcd.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" or "16 Gray";
- **2.5** "*Max Width and Height"*: Fill in "1024" and "768", and click the arrow to confirm;



Tick the second and the fifth 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.



Izl Image2Lcd v3.2	
🗳 🖬 🗊 Open Save Batch	SetReloadUpNextHelpAbout
C array(*.c) • Horizon Scan • 4 Gray • 1024 768 •	E GOOD DISPLAY
<ul> <li>☐ Include head data</li> <li>☑ Antitone pixel in byte</li> <li>☐ Scan Right to Left</li> <li>☐ Scan Bottom to Top</li> <li>☑ MSB First</li> <li>Input image : 1024x768</li> </ul>	Default     Image: Reverse color     Normal       Brightness:

Figure 2