How to customize font V1.0

category	content
Key words was linked F Series custom font	
Summary	And was linked F Screen series is the use of vector fonts, you need to generate the appropriate font file with the crop tool vector fonts, create font software to achieve the call.

revise history

version	date	the reason	prepared by	Examine
V1.0	2018/07/13	Create documents	Xie upheld as	

Sales and Service

Guangzhou color Optoelectronics Technology Co., Ltd.

phone: 020-82186683

fax: 020-82187676

Email : hmi@gz-dc.com (Public Service) website: www.gz-dc.com

Ground Address: Guangzhou High-tech Industrial Development Zone, Yushu Industrial Park, Beverly West 8 number

C Building 303 Housing official website Taobao retail shop: https://gz-dc.taobao.com

table of Contents

1. Scope

Documentation for the new object linking, F Series Serial screen products.

2. Development environment

1 , VisualTFT Software version: V3.0.0.959 And above; versions View: Open VisualTFT Click Help -> About VisualTFT You can view the

current software version number; the latest version can be found at www.gz-dc.com Download

2 , Serial screen hardware version:

     Things type: V3.0.301.XXX And above;

     F series: V4.1.65.XXX And above. View version :(1) Check the

version number sticker on the back screen.

          (2) VisualTFT After the success of the online screen, the version number displayed in the lower right corner.

3. Functional Overview

And was linked F Series screen which comes with the system font, if the customer wants to use a custom font, for example: bold, Microsoft elegant

black font, the screen fonts using vector fonts, unlike basic, business type, etc. font display, vector fonts show better results, anti-aliasing, mellow.

Customization of fonts vector fonts are also not the same with other models.

4. Technical realization

4.1 Operating tool

use True Type Font cutting tools to generate custom font, the user interface in FIG. 4-1 Fig.

Map 4-1 User interface

4.2 Generate font files

Character font files generated by the cutting tool, as follows:

1. Select the system font

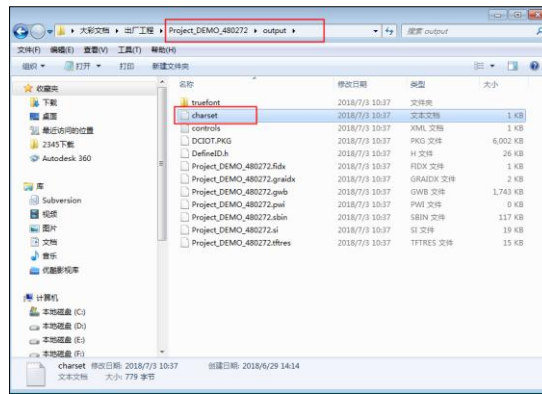The user can select the appropriate font in accordance with the respective requirements as 4-2 Fig.

Map 4-2 Select the font

2. Import characters

Users will need to use characters are added to the contents inside the character, so that the corresponding characters can be displayed. With "Import from a folder character" is added in the project directory " Output "File inside the" charset "File that contains all the characters there are projects which need to be displayed, as 4-3 Fig. After the user according to the above-described operation, a project which uses the character are added to the data bases, if a subsequent user need additional characters need to add their own corresponding character to the character content as 4-4 Fig.
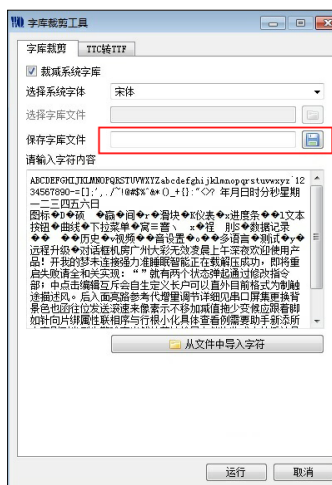
Map 4-3 Import characters

Map 4-4 Adding other characters

3. Save the font file

After completion of the above step, then select the path to save font file, the file name is preferably set to English, as shown in
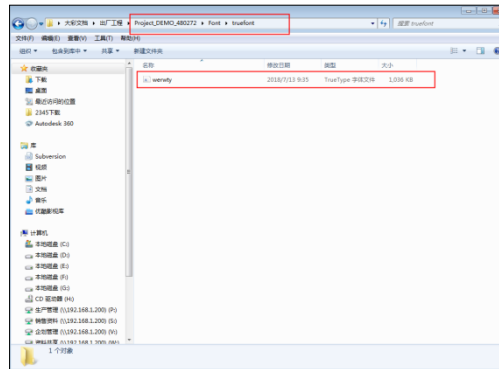
4-5 Fig.

Map 4-5 Select the save path

Note: the ultimate user-generated font file must be saved to the project directory " font "inside" truefont "

Folder, as 4-6 Fig. If the file " font "There can not be found." truefont "Folder, you can create a self, then add the font file into the directory.
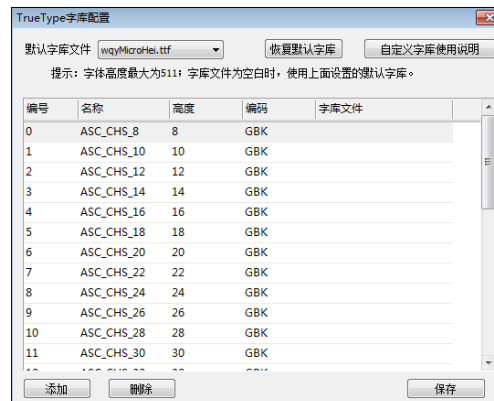

Map 4-6 save route

4. run

The final step, select "Run", the corresponding font file has been generated, as 4-7 Fig.
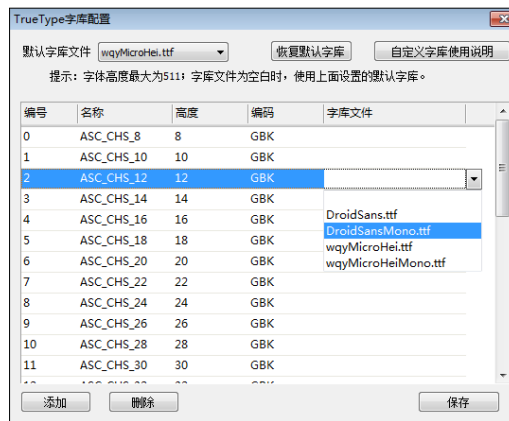

Map 4-7 run

4.3 Font configuration

Vector font encoding methods are GBK , UNICODE , UTF8 , The user may need to select, if the user needs the fonts are changed, then the entire interface, can modify the default font file, as shown in 4-8 Fig.

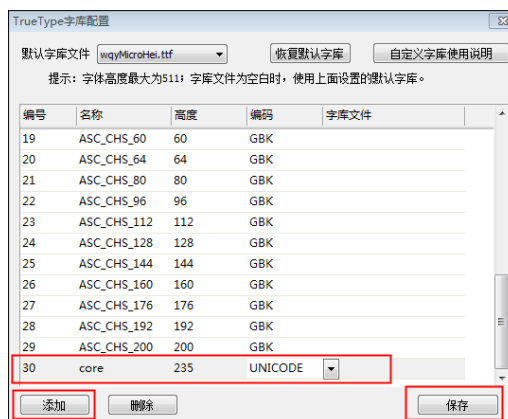

Map 4-8 All font configuration

If the user needs to change the style of font part, other fonts displayed in the default font, as shown in 4-9 Fig.
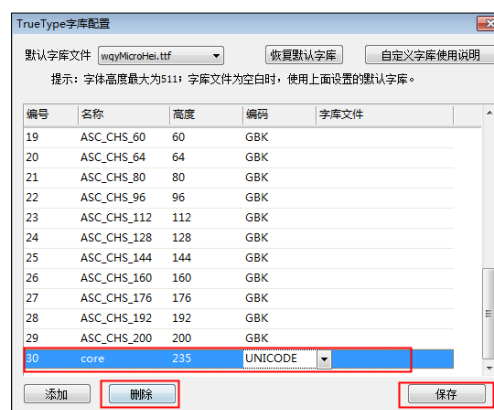

Map 4-9 Font configuration section

Users can add a font in the font, the "Add" font configuration interface can add a new font, you can modify the font name, height

(maximum font height 511), Select the encoding mode, there is GBK , UNICODE with UTF-8

Are three corresponding can also choose to change the font to use a specific font file, and finally click "Save", as 4-10 Fig.

Map 4-10 Add Fonts

If the user wants to delete the font, first select the font, click "Delete", then "Save", as 4-11 Fig.
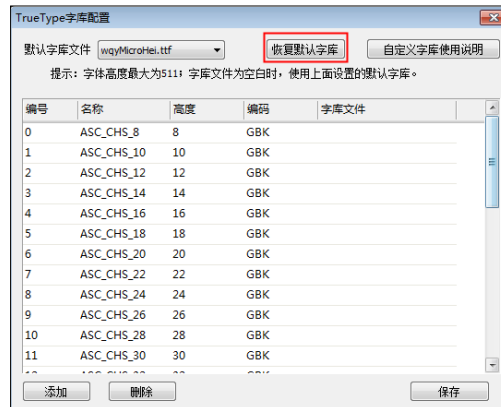

Map 4-11 To remove a font

If the user wants to restore to the default font, click on the upper right corner of "Restore default font", such as   Map 4-12

Fig.

Map 4-12 To restore the default font