

category	content
Key words	Circular progress bar
Summary	Circular progress bar refers to adjusting the progress bar is circular in shape, can be used for temperature, humidity And other image parameters of presentation.



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## Sales and Service

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## 1. Scope

Documentation for IOT Series Serial screen products.

## 2. Development Environment version

1 , VisualTFT Software version: V3.0.0.893 And above;

View version: 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](http://www.gz-dc.com) Download



2 , Serial screen hardware version: V3.0.223.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

Circular progress bar is in the shape of a circular, allowing users to adjust the progress bar. Circular image progress bar and the temperature, humidity, and other parameters are displayed visually, by the starting angle and ending angle image will show up parameters.

## 4. Technical realization

### 4.1 Properties window

#### 4.1.1. Basic

The basic attribute refers to the name and number of the control is provided, as 4-1 Fig.

基本	
名称	CircleProgress1
编号	1

Map 4-1 The basic properties

1. Name: The name of the circular progress bar control, the default is CircleProgress1.

2. ID: Round progress bar control ID .

#### 4.1.2 position

It refers to a location attribute and coordinate attributes control the size of the display, as shown in 4-2 Fig.

位置	
x坐标	157
y坐标	38
宽度	184
高度	184

Map 4-2 Property location

1.x Coordinates: Controls the upper left x coordinate.

2.y Coordinates: Controls the upper left y coordinate.

3. Width: the control interface display.

4. The height of the interface display controls: height.

### 4.2 Circular progress bar

Refers to the property of the progress bar is circular Configuration color of the bars, the thickness, the start / end angle, the sliding operation mode and the like, as shown in 4-3 Fig.

圆形进度条	
颜色	 255; 255; 0
厚度	10
起始角度	0
结束角度	360
滑动调节	起始角度
通知方式	松开时
滑块图标	Images\an.png

Map 4-3 Circular progress bar

1. Color: circular progress bar foreground.

2. Thickness: definition of the progress bar thickness value, i.e., the thickness of the progress bar.

3. Starting angle: Starting point of view of the progress bar.



4. End angle: the angle of the end of the progress bar.

5. Slide adjuster: Select "Disable", "start angle", "end angle", "two angles";

A ) Disabled: the adjustment operation is not allowed on the screen, you can send instructions to operate;

B ) Starting angle: Starting from the starting angle adjusting circular progress bar, i.e. clockwise adjustment;

C ) End angle: Start adjusting the angle of the end of the circular progress bar, i.e. counter-clockwise;

D ) Two angles: a round starting angle can be achieved or the end of the progress bar angle adjustment, i.e. cis / counter-clockwise;

6. Notified: "When you release", "slides";

A ) Is released: the progress bar when released, will trigger the screen to send a notification;

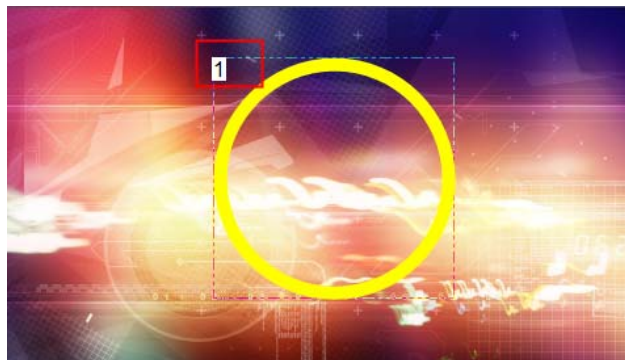
B ) Slide: namely when the progress bar to slide, the screen will trigger a notification is sent;

7. Slider icon: adjust the slider style, material can be inserted to replace the picture; Note: If

you do not, leave it blank.

### 4.3 Routine Operation

1. A new interface, the progress bar is inserted in a circular interface as 4-4 Fig.



Map 4-4 Inserted into the circular progress bar

2. Circular progress bar property, the starting angle → 0 , End angle → 360 , Slide adjuster → Start angle notification mode → When released, FIG. 4-5 Fig.

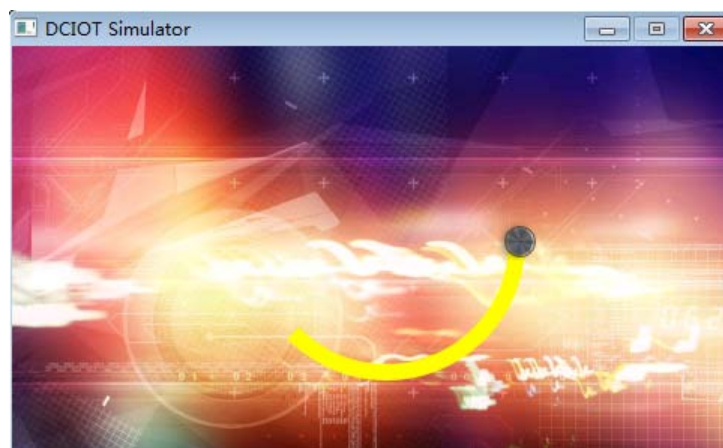
圆形进度条	
颜色	 255; 255; 0
厚度	10
起始角度	0
结束角度	360
滑动调节	起始角度
通知方式	松开时
滑块图标	Images\an.png

Map 4-5 Set the properties window

3. After compiling correct, run the virtual screen test results. Instruction can be operated circular progress bar, as shown in 4-6 Shown; may also adjust the size of the circular progress bar value directly on the screen, as shown in 4-7 Shown;



Map 4-6 Command control



Map 4-7 Screen operation