

# Standard Operating Procedure

## <UsingLibrary>

```
include;  
    superapi::supercore;  
    superapi::supergroupbox;  
    superapi::superlogger;  
    superapi::superserial;  
    superapi::supertab;  
  
public;  
    scannerbox public superapi::supertab;
```

## <ScannerBox>

USB Serial Port COM61

▼

textactivated;  
change serial port name;

115200

▼

textchanged;  
display scanner' baudrate;

Get Scanner Port

clicked;  
add system serial port to combobox;  
operate related widgets;

Connect Scanner Port

clicked;  
use current setting connect serial port;  
operate related widgets;

Scan Scanner Port

clicked;  
use 115200 baudrate connect all serial port;  
use scanner scan any qr;  
if one of serial port return qr value,record and display serial port name on textbrowser and lineedit;

Disconnect Scanner Port

clicked;  
disconnect serial port;  
operate related widgets;

Open Scanner

clicked;  
send 16540d to serial port;

Close Scanner

clicked;  
send 16550d to serial port;

16 54 0D

nousercontrol;  
display current command;

16 55 0D

nousercontrol;  
display current command;

waiting for command ...

nousercontrol;  
display last command sent;

select scanner

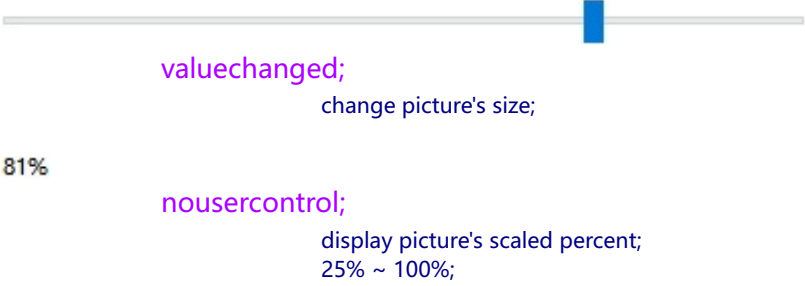
▼

textactivated;  
select scanner model;  
load this models' function,png files;

no scanner function

▼

textactivated;  
select scanner function;  
load function png files;



Version Logs

<20220209 Version 1.03>

use supertab,supergroupBox api;

<20211110 Version 1.02>

update scanner function display bugs;

<20211021 Version 1.01>

add slider function;  
add display picture's scale function;

<20211003 Version 1.00>

first release;