

Standard Operating Procedure

<UsingLibrary>

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

public;
    ledanalyserbox public superapi::supertab;
```

<LedAnalyserBox>

USB Serial Port COM61

textactivated;

change serial port name;

57600

nousercontrol;

display led analyser' baudrate;

select led analyser range

textactivated;

select led analyser range,before display value;

select pwm level

textactivated;

select pwm level;

select led command

textactivated;

select led system command;

include help(some model return error),version,hardware,serialnumber;

Get Led Port

clicked;

add system serial port to combobox;

operate related widgets;

Connect Led Port

clicked;

use current setting connect serial port;

operate related widgets;

Scan Led Port

clicked;

send getHW,capture5pwm01 to system serial ports;

if return model,OK,record and display serial port name on textbrowser and linedit;

Disconnect Led Port

clicked;

disconnect serial port;

operate related widgets;

String: ☒

nousercontrol;

string command;

add /r;

add /n;

Option: ☐

nousercontrol;

no function;

Disable Pwm ☐

usercontrol;

cancel pwm parameter at command last;

such as capture1;

Enable Pwm ☒

usercontrol;

add pwm parameter at command last;

such as capture1pwm01;

Start Display Value	clicked;	send capture,get parameter command to serial port; if fiber x selected,display result on textbrowser and lineedit;
select led analyser model	textactivated;	record selected parameter; operate related widgets;
Select Fiber	nousercontrol;	fiber title;
Wavelength	nousercontrol;	wavelength title;
Intensity	nousercontrol;	Intensity title;
Red/Green/Blue	nousercontrol;	red green blue title;
<input checked="" type="checkbox"/> Fiber 1	usercontrol;	display current fiber value or not;

Version Logs

- <20220209 Version 1.01>
use supertab,supergroupbox api;
- <20211003 Version 1.00>
first release;