

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 lineedit;

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 <input type="radio"/>	<div>usercontrol;</div> <div>add pwm parameter at command last; such as capture1pwm01;</div>
Start Display Value	<div>clicked;</div> <div>send capture,get parameter command to serial port; if fiber x selected,display result on textbrowser and lineedit;</div>
select led analyser model	<div>textactivated;</div> <div>record selected parameter; operate related widgets;</div>
Select Fiber	<div>nousercontrol;</div> <div>fiber title;</div>
Wavelength	<div>nousercontrol;</div> <div>wavelength title;</div>
Intensity	<div>nousercontrol;</div> <div>Intensity title;</div>
Red/Green/Blue	<div>nousercontrol;</div> <div>red green blue title;</div>
<input checked="" type="checkbox"/> Fiber 1	<div>usercontrol;</div> <div>display current fiber value or not;</div>

## Version Logs

### <20220405 Version 1.02>

adapted to ubuntu kde x11 platform;

### <20220209 Version 1.01>

use supertab,supergroupbox api;

### <20211003 Version 1.00>

first release;