

Control method through the USB_Imaging Tech Innovation

Please install the driver for the PC from the following site.
CP210x USB to UART Bridge VCP Drivers

Web: <https://www.silabs.com/products/mcu/Pages/USBtoUARTBridgeVCPDrivers.aspx>

If you connect a USB cable, COM COMPORT is generated.

*** SERIAL PORT settings

19200 bps

8 bit data bits

parity non

1 stop bit

If you connect a USB cable, COM COMPORT is generated.

After the above setting is completed, you can enter LED Box communication protocol in two

You can make choice between the two user-friendly method.

Method 1)

data format ascii

If initialization of equipment ends, 45k22 V0.92 + (0x0d) come out.

After this, it can receive order command.

End message is 0x0d.

There are two kinds of ack signals

command success return message

ok(0x0d)

command fail return message

nok(0x0d)

Command Format

1. Control quantity of light

Bright:dddd + (0x0d)[enter]

dddd is 0~2000

exam> 4 -> Bright:0004 + (0x0d)[enter]

exam> 34 -> Bright:0034 + (0x0d)[enter]

2. Color temperature control

31K + (0x0d)[enter]

51K + (0x0d)[enter]

3. Control integration

ITlall:31K:dddd + (0x0d)[enter]

ITlall:51K:dddd + (0x0d)[enter]

dddd is brightness value.

4. View the current setting information

ITlinfo + (0x0d)[enter]

return masage

ITlinfo:31K:dddd + (0x0d)

Method 2)

Format is ASCII

[POWER:1][ColorTemp:4][Dimming:4][CR:1]

"([<item>:<the number of bytes>]"

Ex> POWER OFF

30 30303030 30303030 0D : HEX

00000000[ENTER] : ASCII

Color temperature 3200K Brightness 1004

132001004[ENTER]: ASCII POWER ON

032001004[ENTER]: ASCII POWER OFF

Color temperature 5200K Brightness 54

152000054[ENTER] : ASCII POWER ON

052000054[ENTER] : ASCII POWER OFF



IMAGING TECH INNOVATION