

指令集B（新协议）的LED控制命令 0x0024（CMD_SLED_CTRL）

- [功能]
 - 选择LED（红、绿、蓝）并定义显示状态（亮/灭、渐开/渐灭、呼吸、快/慢闪）。
- [工作过程]
 - 主机发送CMD_SLED_CTRL指令，则返回ERR_SUCCESS。
- [命令及响应]

PREFIX	0xAA55
SID	Source Device ID
DID	Destination Device ID
CMD	0x0024
LEN	2/4 2：标准控制（蓝灯亮/灭）；4：红绿蓝三色灯特需控制
DATA	选择LED并定义LED状态
PREFIX	0x55AA
SID	Source Device ID
DID	Destination Device ID
RCM	0x0024
LEN	2
RET	ERR_SUCCESS
DATA	0

表1-指令CMD_SLED_CTR

LED选择（红、绿、蓝）及提示状态（亮/灭、渐开/渐灭、呼吸、快/慢闪）说明

DATA (2/4 Bytes)	Byte1	Byte 2	Byte 3	Byte 4	备注
标准控制	0：关 1：开	0	0	0	蓝色
红绿蓝三色 特需灯控制	显示状态	起始颜色 bit0=绿 bit1=红 bit2=蓝	结束颜色 bit0=绿 bit1=红 bit2=蓝	次数	交替，渐开/渐关等模式 Byte2,3设置红绿蓝为 单一颜色。
	1：呼吸 2：快闪 3：常开 4：常闭 5：渐开 6：渐关 7：慢闪	1：绿色 2：红色 4：蓝色	1：绿色 2：红色 4：蓝色	0：永久 N:呼吸，闪烁次数	

例子：

一、标准控制：

蓝灯亮：

55 aa 00 00 24 00 02 00 01 00 00 00 00 00 00 00 00 00 00 00 00 00 26 01

蓝灯灭：

55 aa 00 00 24 00 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 25 01

二、红绿蓝三色特需控制

2.1 亮/灭（常开：Byte1=0x03；常闭：Byte1=0x04）

A. 蓝灯亮：

55 AA 00 00 24 00 04 00 03 04 00 00 00 00 00 00 00 00 00 00 00 00 2E 01

B. 蓝灯灭：

55 AA 00 00 24 00 04 00 04 04 00 00 00 00 00 00 00 00 00 00 00 00 2F 01

C. 红灯亮：

55 AA 00 00 24 00 04 00 03 02 00 00 00 00 00 00 00 00 00 00 00 00 2C 01

D. 红灯灭：

55 AA 00 00 24 00 04 00 04 02 00 00 00 00 00 00 00 00 00 00 00 00 2D 01

E. 黄灯亮（红绿同时亮）：

55 AA 00 00 24 00 04 00 03 03 00 00 00 00 00 00 00 00 00 00 00 00 2D 01

F. 白灯亮（红绿蓝全亮）：

55 AA 00 00 24 00 04 00 03 07 00 00 00 00 00 00 00 00 00 00 00 00 31 01

2.2 呼吸（Byte1=0x01）

A. 蓝灯呼吸：

55 AA 00 00 24 00 04 00 01 04 00 00 00 00 00 00 00 00 00 00 00 00 2C 01

A. 黄灯呼吸：

55 AA 00 00 24 00 04 00 01 03 00 00 00 00 00 00 00 00 00 00 00 00 2B 01

A. 红蓝交替呼吸：

55 AA 00 00 24 00 04 00 01 02 04 00 00 00 00 00 00 00 00 00 00 00 2E 01

A. 红蓝交替呼吸9次：

55 AA 00 00 24 00 04 00 01 02 04 09 00 00 00 00 00 00 00 00 00 00 37 01

2.3 快闪（Byte1=0x02）

A. 红灯快闪：

55 AA 00 00 24 00 04 00 02 02 00 00 00 00 00 00 00 00 00 00 00 00 2B 01

B. 黄灯（红绿同时）快闪9次：

55 AA 00 00 24 00 04 00 02 03 00 09 00 00 00 00 00 00 00 00 00 00 35 01

C. 红蓝交替快闪：

55 AA 00 00 24 00 04 00 02 02 04 00 00 00 00 00 00 00 00 00 00 00 2F 01

2.4 渐开/渐灭（渐开：Byte=0x05；渐灭：Byte1=0x06）

A. 红蓝渐开：

55 AA 00 00 24 00 04 00 05 02 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 32 01

B. 红绿渐关：

55 AA 00 00 24 00 04 00 06 02 01 00 00 00 00 00 00 00 00 00 00 00 00 00 00 30 01

2.5 慢闪（Byte1=0x07）

A. 红灯慢闪

55 AA 00 00 24 00 04 00 07 02 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 30 01

B. 红蓝交替慢闪：

55 AA 00 00 24 00 04 00 07 02 04 00 00 00 00 00 00 00 00 00 00 00 00 00 00 00 34 01

C. 黄灯(红绿同时)慢闪9次：

55 AA 00 00 24 00 04 00 07 03 00 09 00 00 00 00 00 00 00 00 00 00 00 00 00 00 3A 01