

操作说明

1. 版本说明

版本	描述	日期	作者
V1.0	第一个版本	2023.05.08	joy
V1.1	新增 23 个函数接口	2023.08.18	zzz
V1.2	添加查看更多菜单功能	2024.04.18	Gao

2. 扫码器参数设置

通信方式设置为 USB HID POS



HID-POS

3. Demo 工程编译

进入 demo 目录,make 进行编译

```
root@joy:~/tx_linux_hidpos/release/demo# pwd
/root/tx_linux_hidpos/release/demo
root@joy:~/tx_linux_hidpos/release/demo# make
gcc -c demo.c -o demo.o
gcc -o demo demo.o ./libTxScanHidpos.so
root@joy:~/tx_linux_hidpos/release/demo#
```

4. Demo 工程测试

进入 demo 目录,运行./demo

```

root@too:/mnt/hgfs/vm_share/tx_linux_hidpos/release/demo# ./demo
linux c/c++ usb hidpos demo ver:1.0.2[0]
*****
a:start decode
b:stop decode
c:no time decode start
d:get version info
e:get product info
f:set trigger mode; 0:LEVEL,1:PULSE,2:CONTINUOUS,3:AUTOSENS; save:0:no,1:yes.(eg:f01)
g:get trigger mode
h:set light LED; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:h01)
i:get light LED
?/m:more menu
q:quit
*****

```

连接设备,确保设备的通信方式是 USB HID POS(如果不确定按照<1.扫码器参数设置>进行操作)

scanner comm state:1 表示设备连接

scanner comm state:0 表示设备断开连接

```

linux c/c++ usb hidpos demo ver:1.0.2[0]
*****
a:start decode
b:stop decode
c:no time decode start
d:get version info
e:get product info
f:set trigger mode; 0:LEVEL,1:PULSE,2:CONTINUOUS,3:AUTOSENS; save:0:no,1:yes.(eg:f01)
g:get trigger mode
h:set light LED; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:h01)
i:get light LED
?/m:more menu
q:quit
*****
scanner comm state:1

```

输入 a 回车,开始扫描

```

a:start decode
b:stop decode
c:no time decode start
d:get version info
e:get product info
f:set trigger mode; 0:LEVEL,1:PULSE,2:CONTINUOUS,3:AUTOSENS; save:0:no,1:yes.(eg:f01)
g:get trigger mode
h:set light LED; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:h01)
i:get light LED
?/m:more menu
q:quit
*****
scanner comm state:1
a
start

```

扫描成功数据

[001]:表示扫描成功的次数

[01]:扫描成功码的类型

len:扫描数据的长度

data:扫描数据

```
a:start decode
b:stop decode
c:no time decode start
d:get version info
e:get product info
f:set trigger mode; 0:LEVEL,1:PULSE,2:CONTINUOUS,3:AUTOSENS; save:0:no,1:yes.(eg:f01)
g:get trigger mode
h:set light LED; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:h01)
i:get light LED
?/m:more menu
q:quit
*****
scanner comm state:1
a
start
[001][61]len:15,data:ABC12345678901
```

获取版本信息

输入 d 回车

```
d
V1.3.41[200.7.1]-Aug 16 2023
```

设置照明灯临时常亮

输入 h20 回车

```
h20
2,0
```

设置照明灯永久常亮

输入 h21 回车

```
h21
2,1
```

查看更多功能菜单

输入 m 或者?

```

M
*****MENU*****
a:start decode
b:stop decode
c:no time decode start
d:get version info
e:get product info
f:set trigger mode; 0:LEVEL,1:PULSE,2:CONTINUOUS,3:AUTOSENS; save:0:no,1:yes.(eg:f01)
g:get trigger mode
h:set light LED; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:h01)
i:get light LED
j:set focus state; 0:working light,1:always off,2:always on; save:0:no,1:yes.(eg:j01)
k:get fucus state
l:set en prefix; 0:OFF,1:ON; save:0:no,1:yes.(eg:l01)
n:get en prefix
o:set prefix; save:0:no,1:yes.(eg:o0)
p:get prefix length
r:set en suffix; 0:OFF,1:ON; save:0:no,1:yes.(eg:r01)
s:get en suffix
t:set suffix; save:0:no,1:yes.(eg:t0)
u:get suffix length
v:set once scan time(0-65536); save:0:no,1:yes.(eg:v01)
w:get once scan time
x:set beep volume(0-100); save:0:no,1:yes.(eg:x01)
y:get beep volume
z:set heartbeat type; 0:BAN,1:NO ACK,2:ACK; save:0:no,1:yes.(eg:z01)
0:get heartbeat type
1:set heartbeat gap time(0-2147483648); save:0:no,1:yes.(eg:101)
2:get heartbeat gap time
3:set heartbeat wait ack time(0-2147483648); save:0:no,1:yes.(eg:301)
4:get heartbeat wait ack time
5:reset
6:set scan sw; 0:unable,1:able
7:set setcode sw; 0:unable,1:able; save:0:no,1:yes.(eg:71)
?/m:more menu
q:quit
*****

```

设置前缀临时使能

```

l10
1,0

```

获取前缀使能状态

```

n
tx_scanner_get_prefix_function_state:1

```

设置前缀内容,不超过 10 个字符(o0 表示临时使能;1 表示永久)

```

o0
[001][61]len:15,data:ABC12345678901

```

获取前缀内容所在缓存区的长度

```

p
tx_scanner_get_prefix_length:3

```

设置单次扫码时长(0-65536)并获取单次扫码时长

```
V
Please enter the duration of a single scan(0-65536)
5000
0
5000,0

W
tx_scanner_get_once_scan_time:5000
```

复位

```
5
tx_scanner_reset:0
scanner comm state:0
scanner comm state:1
```

扫码开关临时有效(0 表示不允许;1 表示允许)

```
60
0
61
1
```