



```
C:\Windows\system32\cmd.exe
2010-05-06 18:01          278,528 Interface.dll
2012-06-18 16:13           45,056 power.exe
2012-06-18 16:42           56,997 使用方法.docx
          5 个文件          470,693 字节
          3 个目录 28,577,124,352 可用字节

F:\test>anycast.exe 192.168.9.71 1

anycast program page 1
anycast succeeded
return 1
F:\test>brightness 192.168.9.71 1

Adjust brightness 1
adjust brightness succeeded
return 1
F:\test>power 192.168.9.71 1
power on
power on succeeded
return 1
F:\test>power 192.168.9.71 0
power off
power off succeeded
return 1
F:\test>
```

Method 1: command line anycast program

How to use: anycast.exe -ip -iProgramIndex

iProgramIndex is program serial number, such like, 1 means the first program, 99 means the ninety-ninth program.

Example: anycast.exe 192.168.8.140 1

Return value: 1 means success; 0 means failed

Command line to adjust brightness

How to use: brightness.exe -ip -iBrightnessLevels

iBrightnessLevels: brightness level 1~8, 1 is darkest ; 8 is brightest

Example: brightness.exe 192.168.8.140 8

Return value: 1 means success; 0 means failed

Command line to turn on/off led sign

How to use: power.exe -ip -onoff



onoff: turn on/off value, 0: turn off led sign, 1 or other: turn on led sign

Example: power.exe 192.168.8.140 1

Return value: 1 means success; 0 means failed

NOTE: this function only can select and display the existing programs stored in controller.

Before call this function, should send the programs that need to be displayed to controller in advance.

Interior compiling method as following:

Method 2: Use socket programming

Adjust led sign brightness

Protocol head (3bytes)	Comm and type (1byte)	Destinatio n address(1b yte)	Source address(1b yte)	Control code1(1b yte)	Control code2(1b yte)	Main body lengt h (4byt es)	Main body brightn ess (4bytes)	Check out
0x7e0x7e0 x55	0x12	0x00	0x00	0x00	0x00			sum of bytes from comma nd type to the end of main body, then bitwise NOT, note :n o negativ e

**Response for adjusting led sign brightness**

Protocol head (3bytes)	Comm and type (1byte)	Destinatio n address(1b yte)	Source address(1b yte)	Control code1(1b yte)	Control code2(1b yte)	Main body lengt h (4byt es)	Main body (4byte s)	Check out
							Respo nse value	
0x7e0x7e0 x55	0x52						0: succes s 1: failed	

Turn on /off led sign

Protocol head (3bytes)	Comma nd type (1byte)	Destinatio n address(1b yte)	Source address(1b yte)	Control code1(1b yte)	Control code2(1b yte)	Main body length (4byt es)	Main body (4byt es)	Check out
0x7e0x7e0 x55	0x10	0x00	0x00	0x00	0x00		0: off 1: on	sum of bytes from comma nd type to the end of main body, then bitwise NOT, note :n o negativ e

**Response for turn on /off led sign**

Protocol head (3bytes)	Comm and type (1byte)	Destinatio n address(1 byte)	Source address(1 byte)	Control code1(1b yte)	Control code2(1b yte)	Main body lengt h (4byt es)	Main body		Check out
							Response value		
0x7e0x7e 0x55	0x50						0: of f	0 : succ ess	
							1: on	1 : faile d	

Anycast program

Protocol head (3bytes)	Comma nd type (1byte)	Destinatio n address(1b yte)	Source address(1b yte)	Control code1(1b yte)	Control code2(1b yte)	Main body length (4byt es)	Main body progr am numb er (4byte s)	Check out
0x7e0x7e0 x55	0x97	0x00	0x00	0x00	0x00			sum of bytes from comma nd type to the end of main body, then bitwise NOT, note :n o negativ e

**Response for anycast program**

Protocol head (3bytes)	Comm and type (1byte)	Destination address(1 byte)	Source address(1 byte)	Control code1(1 byte)	Control code2(1 byte)	Main body length (4bytes)	Main body	Check out
							Response value	
0x7e0x7e0x55	0xD7						“success”:success others : failed	

Method3 : Use DLL API function

```
//anycast program
```

```
extern "C" __declspec(dllexport) void __stdcall DLL_Net_Ancast(char *ip/*IP address*/,int iPort,int iProgramIndex/*program number*/,MY_SOCKET mySocket);
```

```
//turn on /off led sign
```

```
extern "C" __declspec(dllexport) void __stdcall DLL_Net_SwitchPanel(char *ip/*IP address */,int iPort,int iOnOffFlag/*0:off,1:on*/,MY_SOCKET mySocket);
```

```
//adjust led sign brightness
```

```
extern "C" __declspec(dllexport) void __stdcall DLL_Net_AdjustBrightness(char *ip/*IP address */,int iPort,int iBrightnessValue/*brightness level (0 ~ 8)*/,MY_SOCKET mySocket);
```

Please refer to dll_vc_demo code source code for how to use DLL.

Define #define MACRO_BUILD_ANYCAST_PROGRAM as anycast code

Define #define MACRO_BUILD_ADJUST_BRIGHT as code of adjust brightness

Define #define MACRO_POWER_ON_OFF as code of turn on/off led sign

No is the code of sending program, no need to read.

NOTE: there should be have declaration of callback function and binding of callback function in the application, or application could produce error.