

一、刷新网关(查询是否在线)

1.1、发送 len:86,Data:hy/gw/get/02345678903

{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{}}

1.2、接收 len:274,Data:hy/gw/set/02345678903

{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2,"CSQ":99,99,"RSSI":-98,"SINR":13,"CCID":"89860025102250386087","GW_Ver":"V1.0","has_rst":0,"MBUS_mV":29392,"MBUS_mA":3,"GW_model":136,"main_meter_total":5,"copy_meter_total":96}}

网关信息		
• 网关编码	02345678903	2024-05-28 11:01
• 登录时间	2024-05-28 10:41:22	2024-05-28 11:01
• 更新时间	2024-05-28 11:01:51	2024-05-28 11:01
• 信号强度	99,99	2024-05-28 11:01
• 接收强度	-98	2024-05-28 11:01
• 信噪比	13	2024-05-28 11:01
• MBUS电压(mV)	29392	2024-05-28 11:01
• MBUS电流(mA)	3	2024-05-28 11:01
• 网关配置模式	EC20开启 MBUS开启	2024-05-28 11:01
• 程序版本	V1.0	2024-05-28 11:01
• 卡号	89860025102250386087	2024-05-28 11:01

MQTT客户端_v2.4(协议3.1.1)

参数信息

MQTT服务器IP地址: hysnartmetering.com

MQTT服务器端口号: 1883

MQTT客户端ID: XXXX

MQTT用户名: admin

MQTT登录密码: njhy1234

断开

hy/gw/#

订阅主题

发布主题格式: hy/gw/get/02345678903

发布的消息:

发布主题

提示信息

len:86,Data:hy/gw/get/02345678903{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{}}

len:274,Data: hy/gw/set/02345678903{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2,"CSQ":99,99,"RSSI":-98,"SINR":13,"CCID":"89860025102250386087","GW_Ver":"V1.0","has_rst":0,"MBUS_mV":29392,"MBUS_mA":3,"GW_model":136,"main_meter_total":5,"copy_meter_total":96}}

心跳包

清除数据

域名解析

关于软件

二、上传周期(主动上报)

2.1、发送 len:86,Data:hy/gw/get/02345678903
{ "gw":{"msg_id":2,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{}}

2.2、接收 len:237,Data:hy/gw/set/02345678903
{ "gw":{"msg_id":2,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2,"not_intimer_interval":1440,"heating_start":"20XX-09-01","heating_end":"20XX-05-01","main_interval":10,"copy_interval":60,"copy_statistics":1}}

上传周期			
• 网关编码	02345678903		2024-05-28 11:07
• 登录时间	2024-05-28 10:41:22		2024-05-28 11:07
• 更新时间	2024-05-28 11:07:32		2024-05-28 11:07
• 周期外抄表间隔	1440		2024-05-28 11:07
• 供暖周期始	20XX-09-01		2024-05-28 11:07
• 主表抄表间隔	10		2024-05-28 11:07
• 副表抄表间隔	60		2024-05-28 11:07
• 副表抄表周期内统计	1		2024-05-28 11:07
• 供暖周期末	20XX-05-01		2024-05-28 11:07

周期外抄表间隔：在非供暖期户用抄表周期 上传周期为 1 天/次

主表抄表间隔：楼宇(表+阀一体化)节能调控柜 上传周期为 10 分钟/次

主表抄表间隔：户用控制阀 上传周期为 60 分钟/次

MQTT客户端_v2.4(协议3.1.1)

参数信息

MQTT服务器IP地址: hysmartmetering.com

MQTT服务器端口号: 1883

MQTT客户端ID: XXXX

MQTT用户名: admin

MQTT登录密码: njhy1234

断开

hy/gw/#

订阅主题

发布主题格式: hy/gw/get/02345678903

发布的消息:

发布主题

提示信息

len:86,Data:hy/gw/get/02345678903{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{}}

len:274,Data: hy/gw/set/02345678903{"gw":{"msg_id":1,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2,"CSQ":99,99,"RSSI":-96,"SINR":13,"CCID":"89860025102250386087","GW_Ver":"V1.0","has_rst":0,"MBUS_mV":29392,"MBUS_mA":3,"GW_model":136,"main_meter_total":5,"copy_meter_total":96}}

☐ 心跳包

清除数据

域名解析

关于软件

三、 楼宇(表+阀一体化)节能调控柜定时上报(10 分钟一次)

在供暖期周期内

3.1、接收

len:277,Data:hy/gw/set/02345678903
{"gw":{"msg_id":20,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"meter_id":"27100583203400","meter_data":["685527100583001111813B901F0012235304050000000032785634002A872800932800000000005000000002C00000000FA00FA000000E803E8030000EA008185CB0123F7407316"]}}

网关编码: 02345678903

解析指令

清除

2024-05-28 15:29:41
√ 23227310 ["685323227310001111812D901F011073221201DC00DC0055640A28006F3300006401180119620105063005502000B42300212126052420407216"]
2024-05-28 15:29:18
√ 27100583 ["685527100583001111813B901F0012235304050000000032785634002A872800932800000000005000000002C00000000FA00FA000000E803E8030000EA000C85CB0123F740FE16"]
2024-05-28 15:24:52
√ 27100583 ["685527100583001111813B901F0012235304050000000032785634002A872800932800000000005000000002C00000000FA00FA000000E803E8030000EA008185CB0123F7407316"]
2024-05-28 14:50:34
√ 23227310 ["685323227310001111812D901F011073221201DC00DC0055640A28006F3300006401180119620105063005502000B42300412026052420408B16"]

四、 户用通断阀定时上报(1 小时一次)

在供暖期周期内

4.1、接收

len:249,Data:hy/gw/set/02345678903
{"gw":{"msg_id":20,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"meter_id":"23227310200800","meter_data":["685323227310001111812D901F011073221201DC00DC0055640A28006F3300006401230125620102353005502000B42300081926052420409416"]}}



五、 立即抄楼宇(表+阀一体化)节能调控柜

5.1、 发送 仪表表号 27100583 仪表协议为 2034 通讯端口为 00_MBUS 通道

len:148,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":18,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"main_immediately":1,"copy_immediately":0,"up_immediately":0}}
```

5.2、 接收

len:95,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":18,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

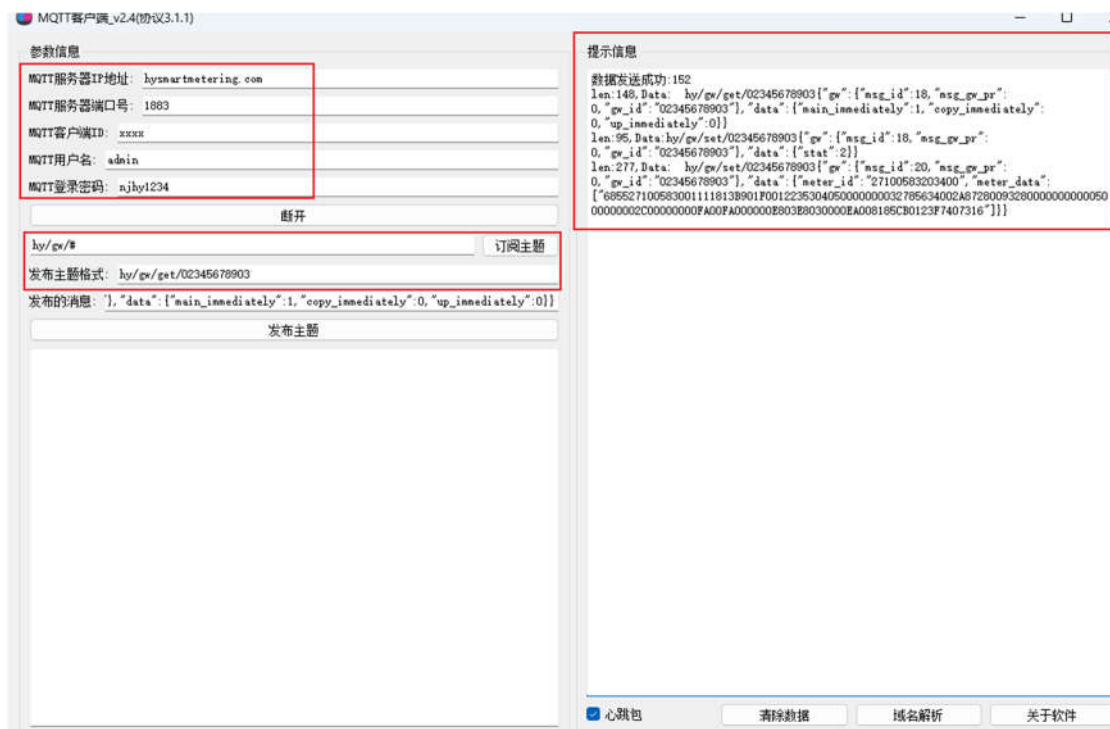
//stat:1 失败 stat:2 成功

5.3、 再次接收

len:277,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":20,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"meter_id":"27100583203400","meter_data":["685527100583001111813B901F0012235304050000000032785634002A8728009328000000000005000000002C00000000FA00FA000000E803E8030000EA008185CB0123F7407316"]}}
```

数据发送成功:152



六、 立即抄户用通断阀

6.1、 **发送** 仪表表号 23227310 仪表协议为 2008 通讯端口为 00_MBUS 通道

len:148,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":18,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"main_immediately":0,"copy_immediately":1,"up_immediately":0}}
```

6.2、 **接收**

6.3、 len:95,Data:hy/gw/set/02345678903

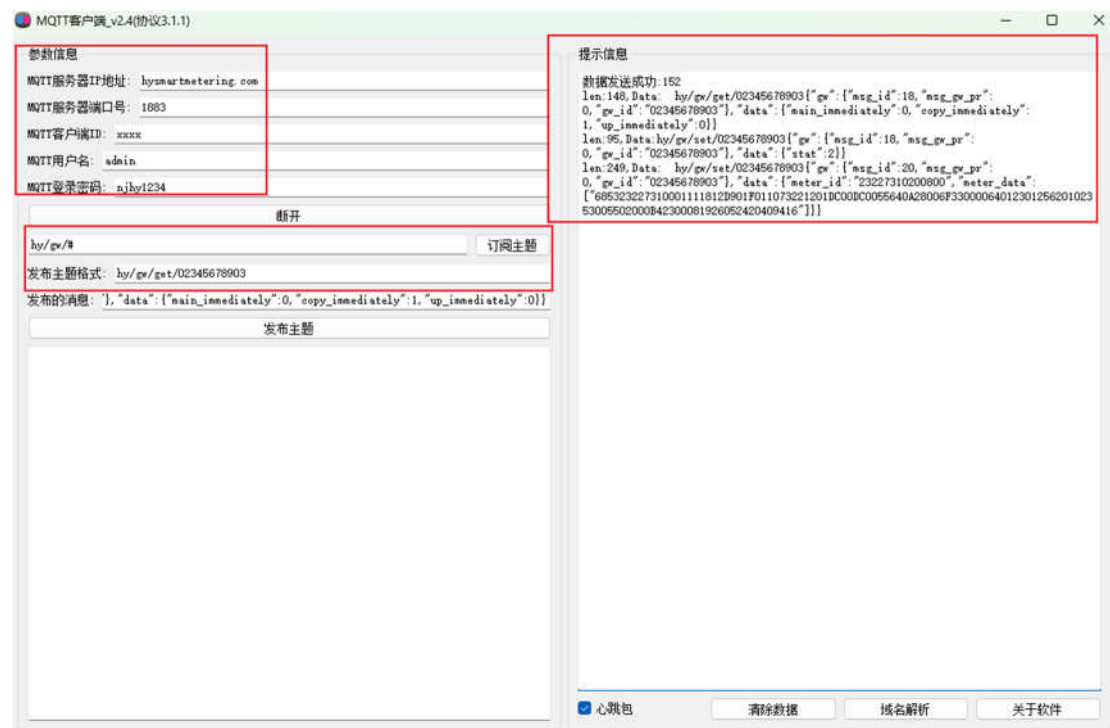
```
{"gw":{"msg_id":18,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

6.4、 **再次接收**

len:249,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":20,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"meter_id":"23227310200800","meter_data":["685323227310001111812D901F011073221201DC00DC0055640A28006F330006401230125620102353005502000B42300081926052420409416"]}}
```



七、 立即调节楼宇(表+阀一体化)节能调控柜

7.1、 全关

7.1.1、 发送 仪表表号 27100583 全关

len:189,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent":"FEFEFE685527100583001111605902F0100007916","transparent_count":5}}
```

7.1.2、 接收

len:95,Data:hy/gw/set/02345678903

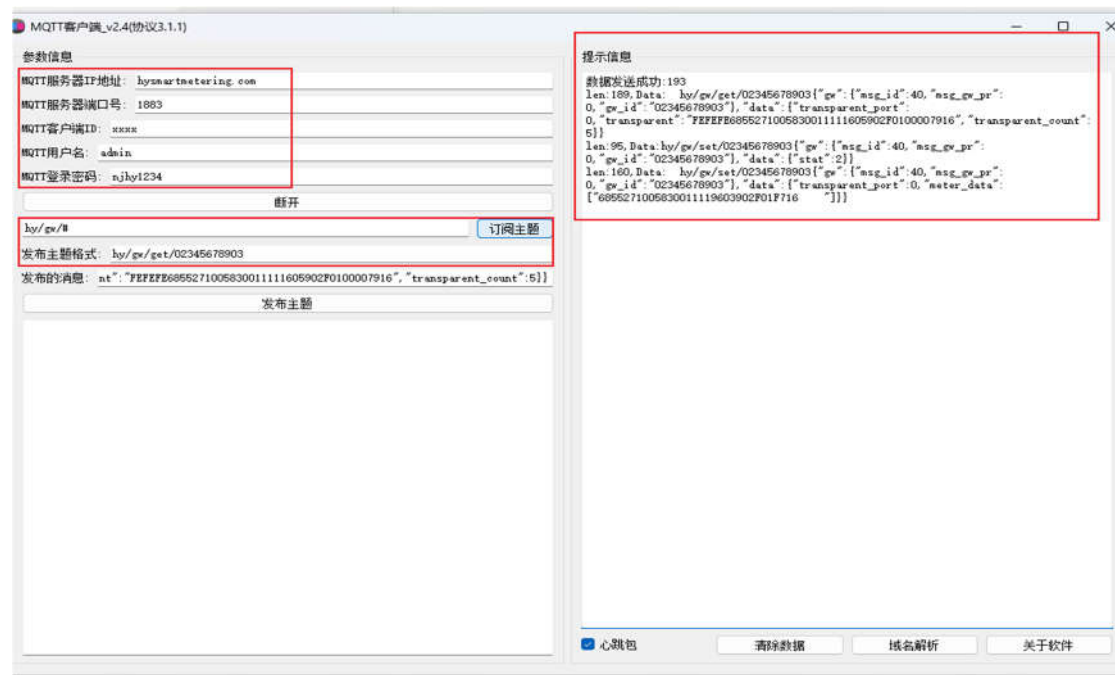
```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

7.1.3、 再次接收

len:160,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":["6855271005830011119603902F01F716"]}}
```



7.2、 开 50%

7.2.1、 发送 仪表表号 27100583 开 50%

len:190,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent":"FEFEFE685527100583001111605902F01F4016E16","transparent_count":5}}
```

7.2.2、 接收

len:95,Data:hy/gw/set/02345678903

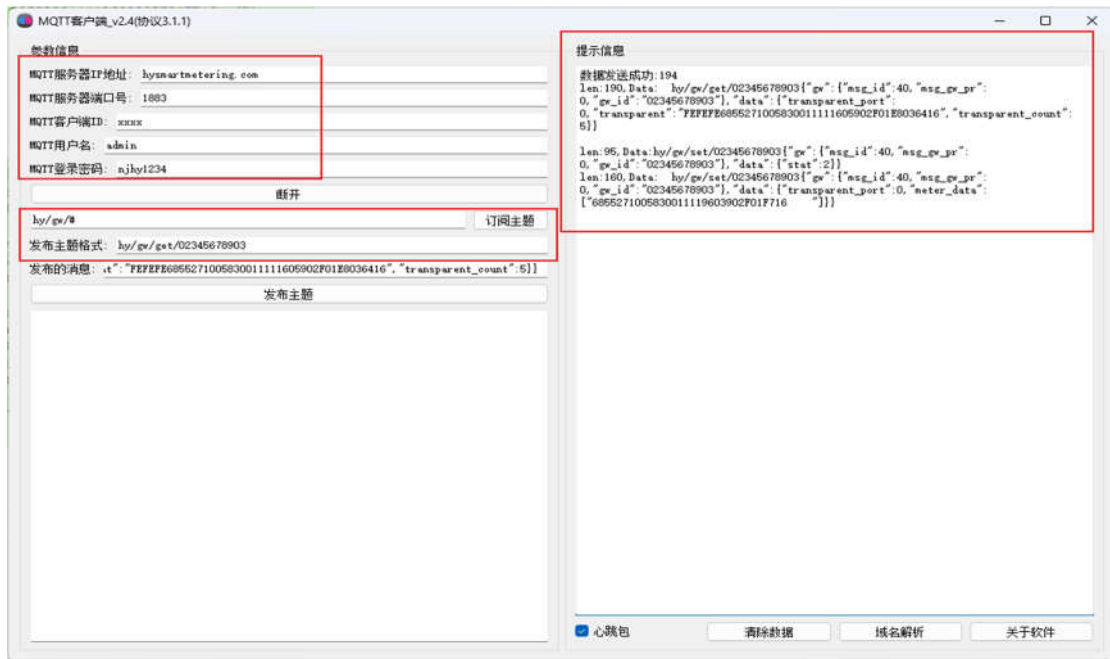
```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

7.2.3、再次接收

len:160,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":["6855271005830011119603902F01F716"]}}
```



7.3、开 100%

7.3.1、发送 仪表表号 27100583 开 100%

len:190,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent_count":5}}
```

7.3.1、接收

len:95,Data:hy/gw/set/02345678903

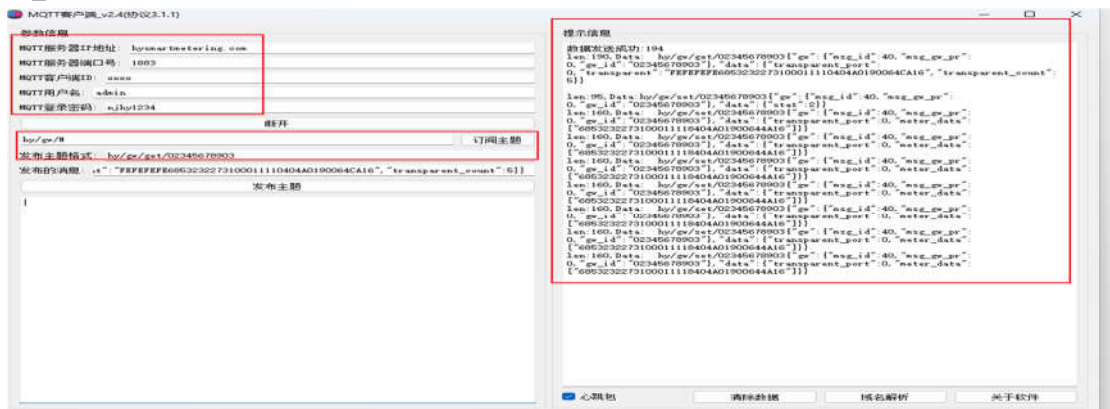
```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

7.3.2、再次接收

len:160,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":["6853232273100011118404A01900644A16"]}}
```



八、 立即调节户用通断阀

8.1、 全关

8.1.1、 发送 仪表表号 23227310 全关

len:190,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent":"FEFEFEFE6853232273100011110404A01900006616","transparent_count":5}}
```

8.1.2、 接收

len:95,Data:hy/gw/set/02345678903

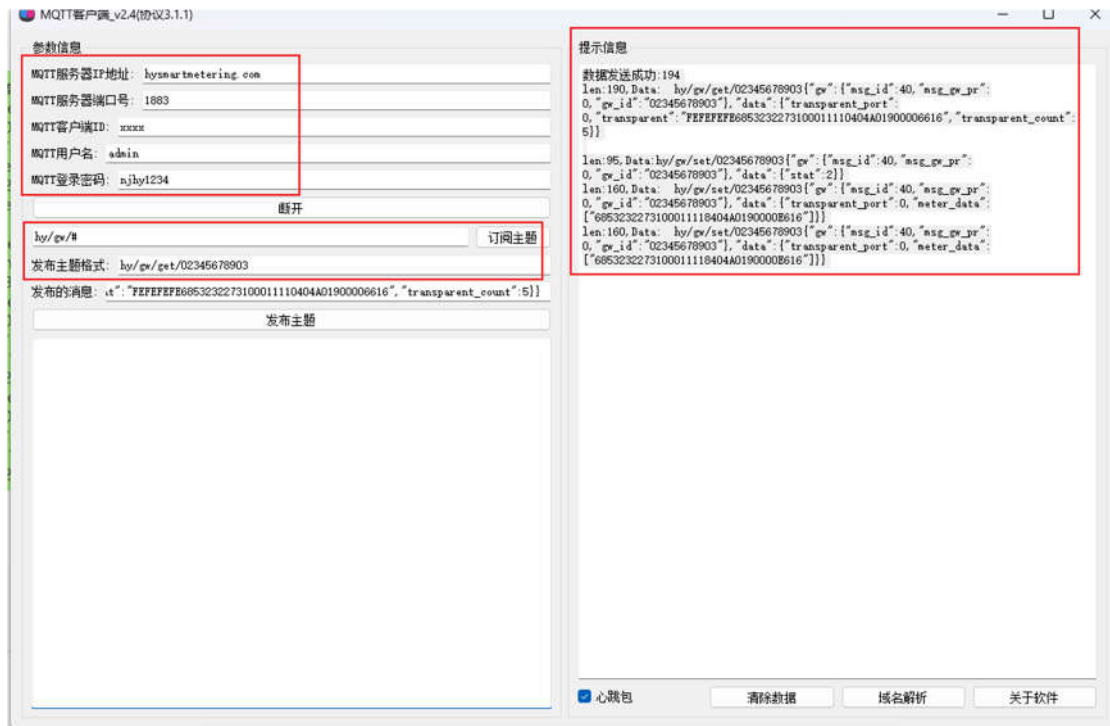
```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

8.1.3、 再次接收

len:160,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":["6853232273100011118404A0190000E616"]}}
```



8.2、 开 50%

8.2.1、 发送 仪表表号 23227310 开 50%

len:188,Data:hy/gw/get/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent":"FEFEFE6853232273100011110404A01900329816","transparent_count":5}}
```

8.2.2、 接收

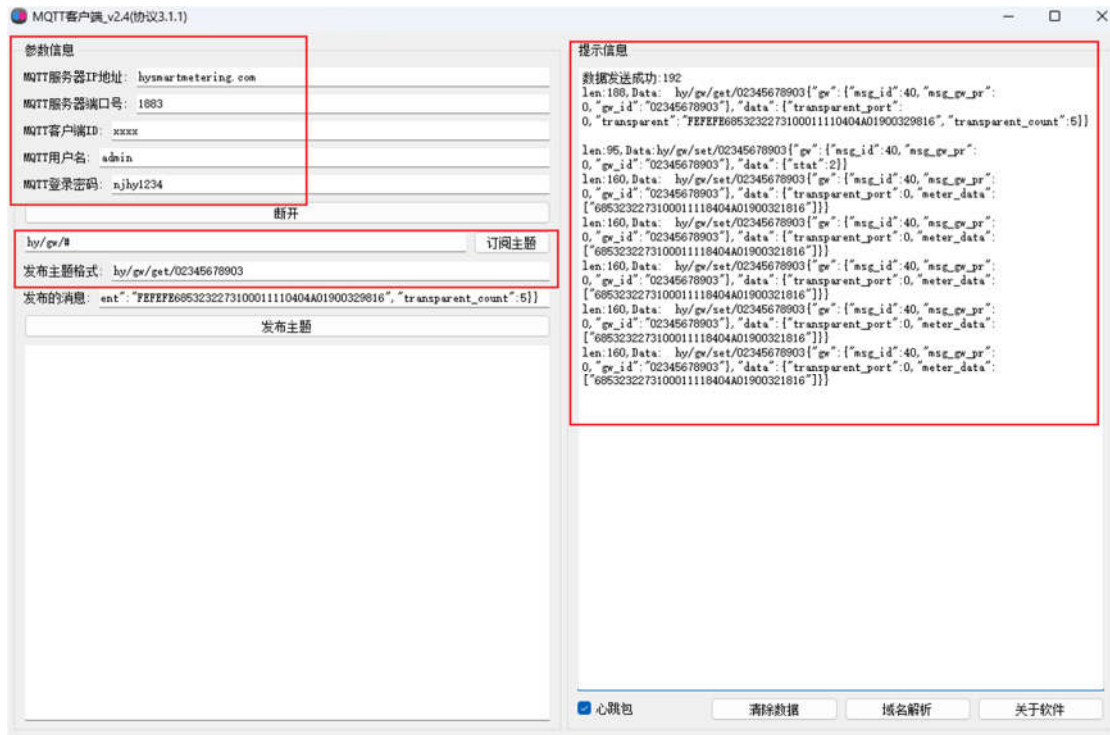
len:95,Data:hy/gw/set/02345678903

```
{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}
```

//stat:1 失败 stat:2 成功

8.2.3、再次接收

len:160,Data:hy/gw/set/02345678903{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":{"6853232273100011118404A01900321816"}}



8.3、开 100%

8.3.1、发送 仪表表号 23227310 开 100%

len:190,Data:hy/gw/get/02345678903

{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"transparent":"FEFEFEFE6853232273100011110404A0190064CA16","transparent_count":5}}

接收

len:95,Data:hy/gw/set/02345678903

{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"stat":2}}

//stat:1 失败 stat:2 成功

8.3.2、再次接收

len:160,Data:hy/gw/set/02345678903

{"gw":{"msg_id":40,"msg_gw_pr":0,"gw_id":"02345678903"},"data":{"transparent_port":0,"meter_data":{"6853232273100011118404A01900644A16"}}

