



Synway SMG Series Wireless Gateway

SMSDemo Program

User Manual

Synway Information Engineering Co., Ltd

www.synway.net

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Chapter1 Overview

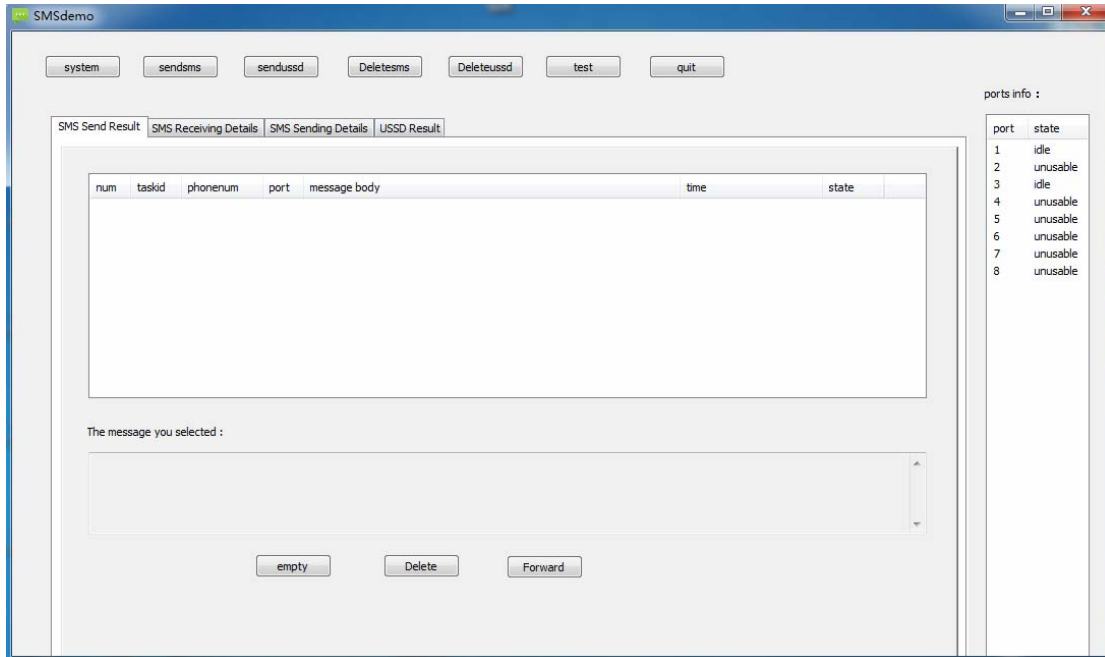
The 'SMSDemo' program sends the POST request to achieve such functions as gateway information inquiry and inquiry result sending, as well as SMS sending and receiving.

Example: The following codes are used to obtain the information about the gateway device.

```
.....  
// set url  
std::string strUrl = "";  
sprintf(szUrl, "http://%s/API/QueryInfo", g_smgip);  
std::wstring wtmp = MBytesToWString(szUrl);  
strUrl = WStringToUTF8(wtmp.c_str());  
  
// set event type  
std::string strPost = "";  
sprintf(szSendData, "\\\"event\\\":\\\"getportinfo\\\"");  
wtmp = MBytesToWString(szSendData);  
strPost = WStringToUTF8(wtmp.c_str());  
  
// invoke function to send the POST request, and the request information will be returned by  
strResponse  
std::string strResponse;  
nRtn=httpClient.PostWithJson(strUrl,strPost,strResponse);  
  
.....
```

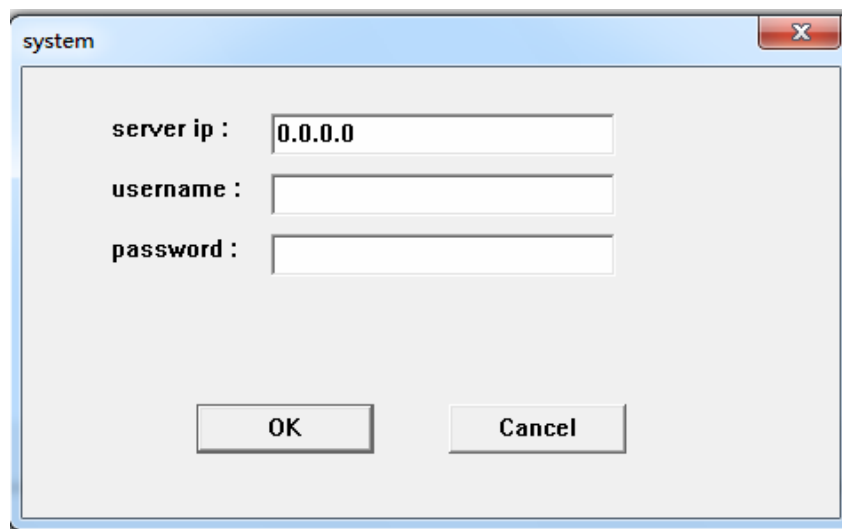
Chapter2 User Interface

2.1 Main Interface



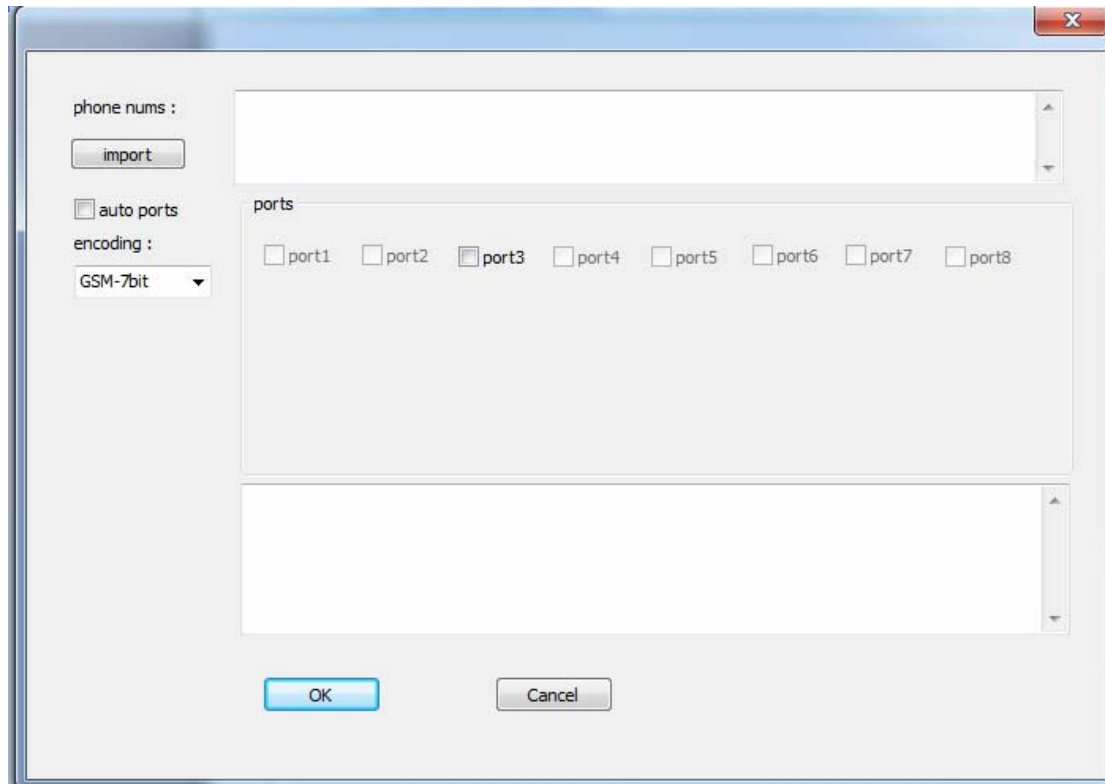
As shown above, the main interface contains many parts, like system, sendsms, sendussd, Deletesms, Deleteussd, test, SMS Send Result, SMS Receiving Details, SMS Sending Details, USSD Result, Ports Info, etc.. Here below we will give detailed explanations for each part.

2.2 system



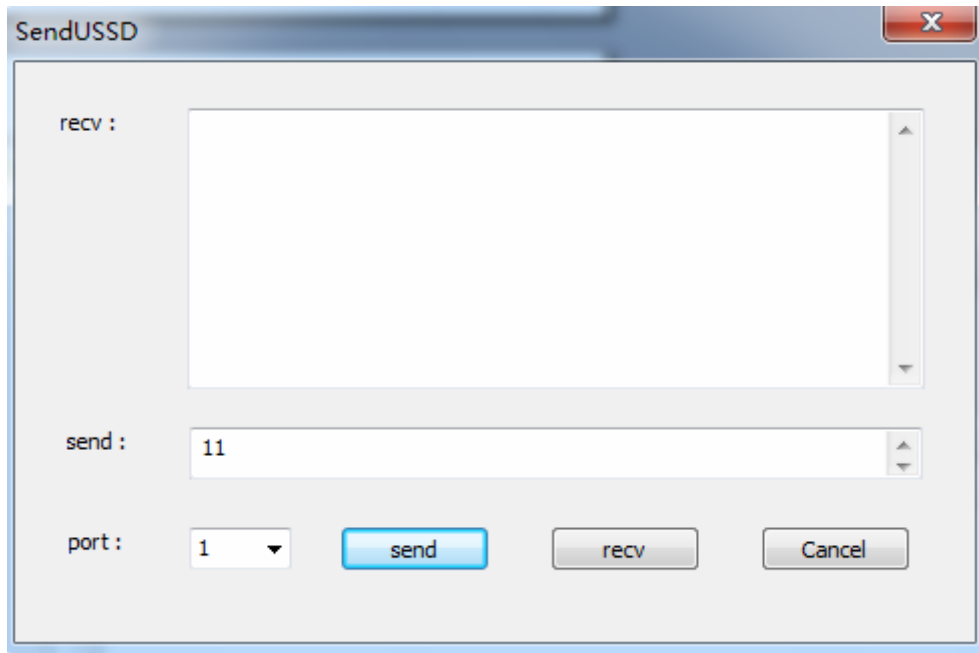
Enter the gateway's IP address, username and password on this interface to connect to it. Once the connection succeeds, the port information of the gateway will be obtained automatically and displayed in the Ports Info part of the main interface.

2.3 sendsms



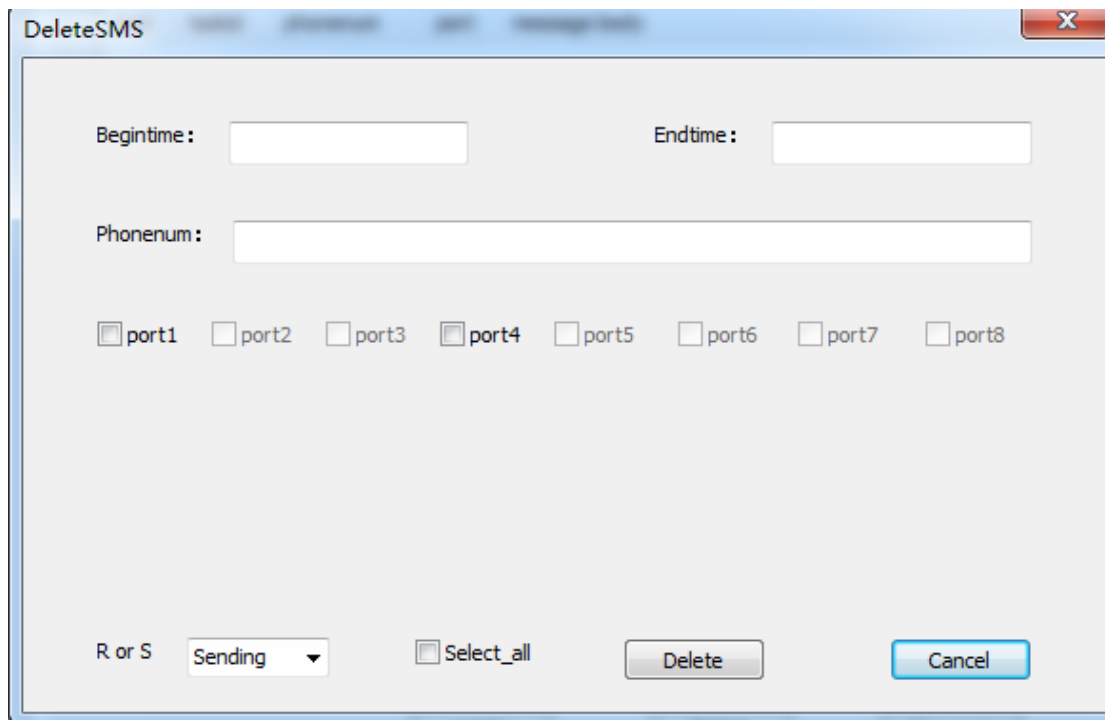
First, input the phone number or press the button 'import' to import the number file. Then select a port or tick the option 'auto port choose' to use the auto selected port. After that, select a correct encoding format and enter the content to be sent. Finally click the button 'send' to send the SMS.

2.4 Send USSD (test)



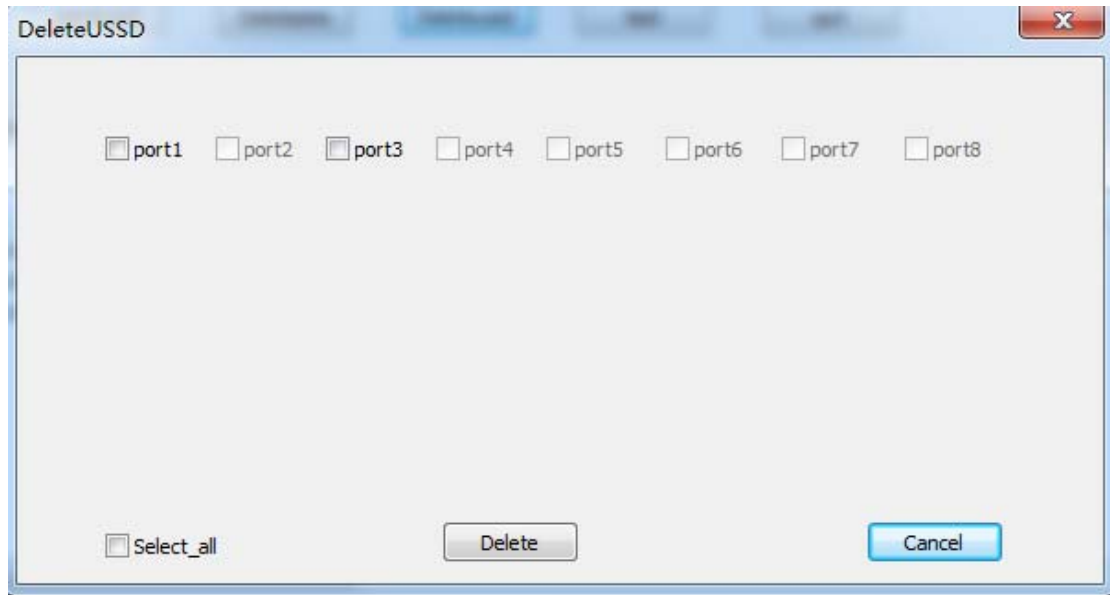
Select a port and input the content in the send dialog box, click send button to send it; Select a port, click rcv button to receive the content corresponding to the port.

2.5 Delete SMS



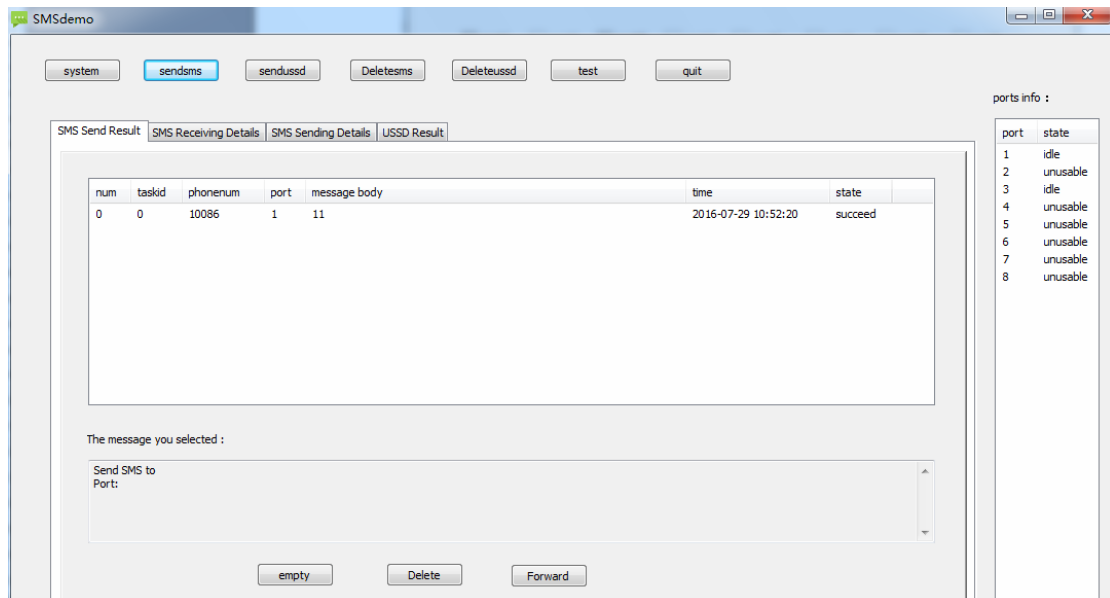
The Delete SMS interface includes below items: Begintime, Endtime, Phonenum, port, Receive or send etc., click the Delete button to delete the received/sent SMS related to the Phonenum of the selected during Begintime and Endtime.

2.6 Delete USSD



Select a port, click Delete button to delete all the USSD information of the selected port. Select_all mean to select all the ports.

2.7 SMS Send Result



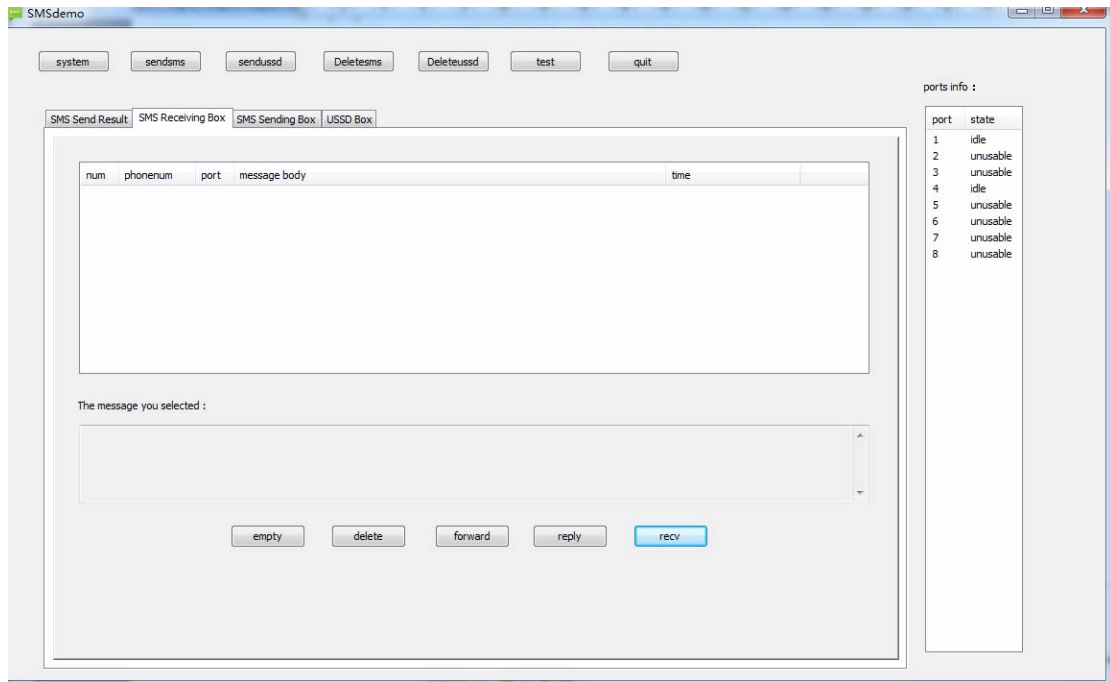
Display the SMS sending status of this demo:

empty: clear the interface.

Delete: delete a single record on the interface (the SMS in the Outbox won't be deleted).

Forward: forward the SMS.

2.8 SMS Inbox



SMS Inbox:

recv: display the SMS in the Inbox.

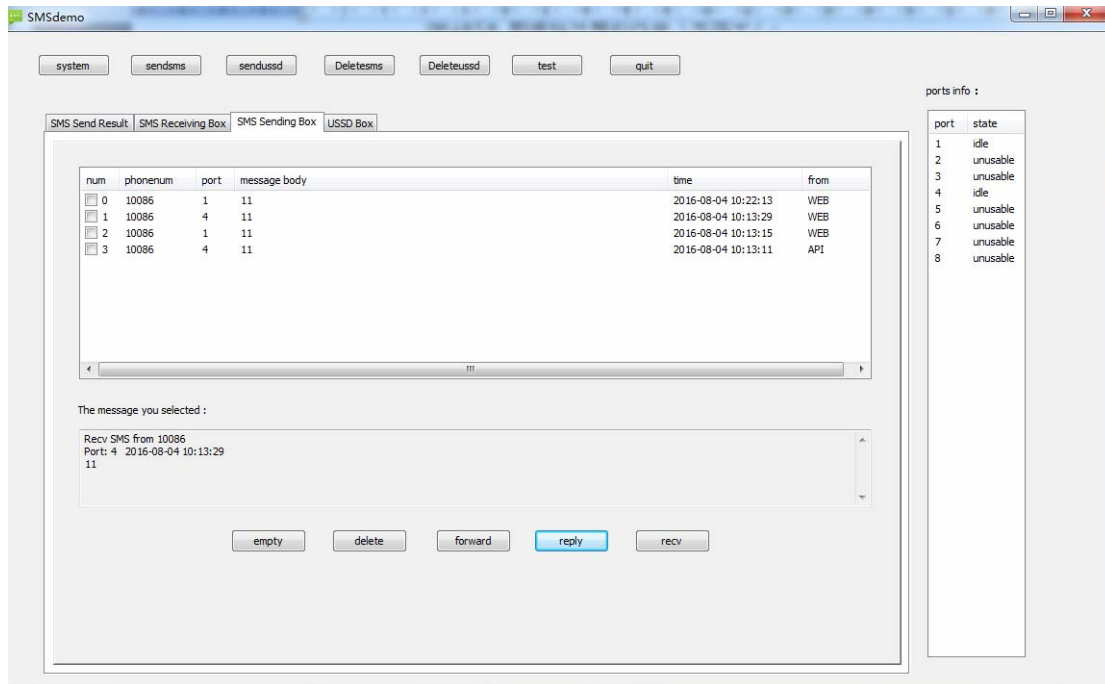
delete: delete the SMS in the Inbox (Select the SMS first).

empty: clear the interface.

forward: forward the SMS

reply: reply SMS according to the Phone number.

2.9 SMS Outbox



SMS Outbox

recv: display the SMS in the Outbox.

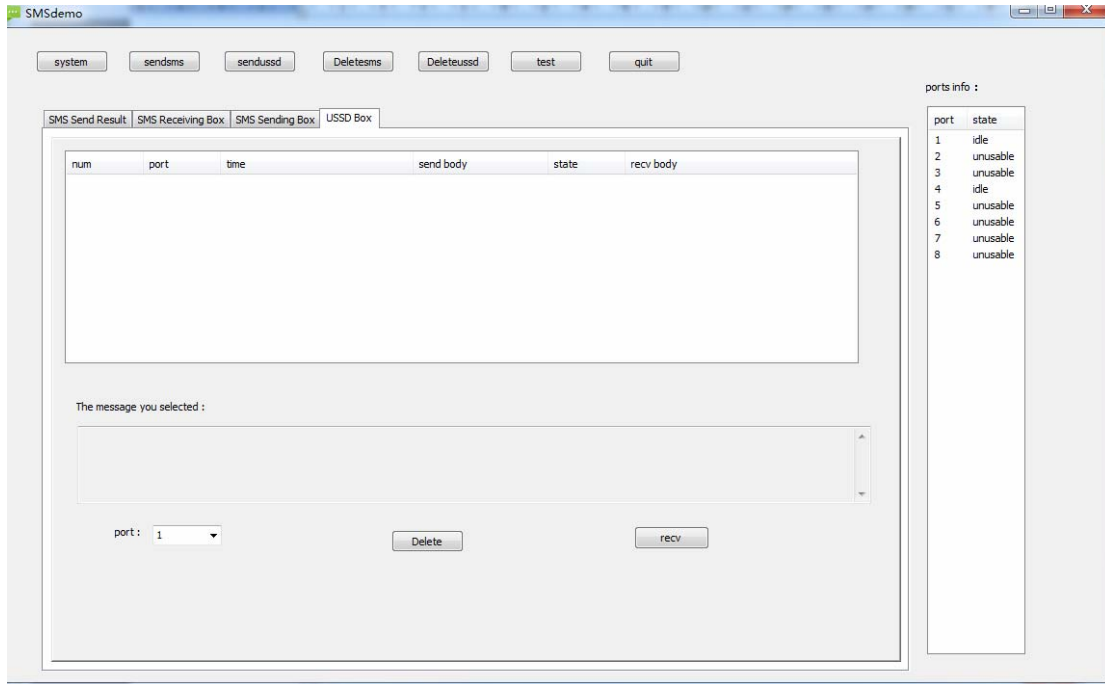
delete: delete the SMS in the Outbox (Select the SMS first).

empty: clear the interface.

forward: forward the SMS.

reply: reply SMS according to the Phone number.

2.10 USSD Box



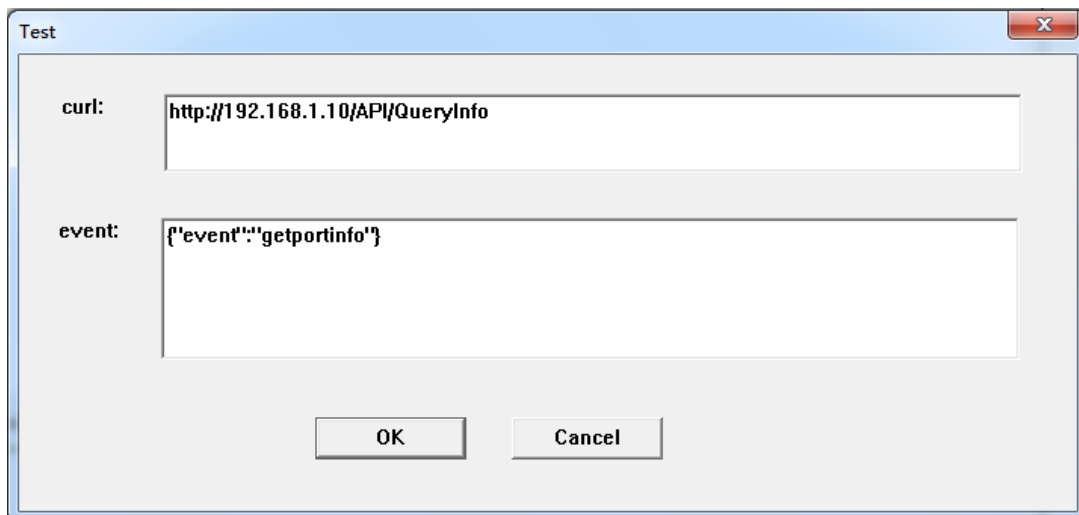
USSD Box:

recv: receive the SMS in the USSD.

Delete: delete the content of USSD (Select an USSD first)

port: select a port.

2.11 test



We allow users to designate curl and event on this interface to send the post request to the gateway, which facilitates function debugging. For the exact format of curl and event, please refer to the file *SMG Wireless Gateway API.doc*.

Appendix A Technical/sales Support

Thank you for choosing Synway. Please contact us should you have any inquiry regarding our products. We shall do our best to help you.

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