

**Synway SMG Series Wireless Gateway** 

**SMSDemo Program** 

# **User Manual**

Synway Information Engineering Co., Ltd

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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

SMS Send Result SMS Receiving Details	SMS Sending Details USSD Result			port 1	state idle
num taskid phonenum	port message body	time	state	3 4 5 6 7 8	idle unusabi unusabi unusabi unusabi
The message you selected :			×. 		

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

system	
server ip	0.0.0.0
username	:
password	:
	OK Cancel



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

phone nums : import		*
auto ports encoding : GSM-7bit 🗸	ports port1 port2 port3 port4 port5 port6 port7 port8	
		*
		-

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)

SendUSSD		×
recv :		*
send :	11	×
		Ŧ
port :	1  send recv Cancel	

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

#### 2.5 Delete SMS

DeleteSMS	-	-		×
Begintime :			Endtime :	
Phonenum:				
port1	port2port3	port4 port5	port6	port7 port8
R or S Se	nding 🔻	Select_all	Delete	Cancel

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

Delete	USSD	1.000	<b>1</b> 2 9	(METALON)	1.00				x
	port1	port2	port3	port4	port5	port6	port7	port8	
	Select	all		Delet	æ		(	Cancel	

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

syster SMS Se	m	ult SMS I	dsms Receiving Details	sendussi s SMS S	ending Details USSD Resu	Deleteussd	test	quit			ports in	fo : sta
	num O	taskid O	phonenum 10086	port 1	message body 11			time 2016-07-29 10:52:20	state succeed		1 2 3 4 5 6 7 8	idle unu unu unu unu
T	he mes Send S Port:	sage you : MS to	selected :							*		

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

Send Result SMS Receiving Box SMS Sending Box	USSD Box		[]	port state 1 idle
num phonenum port message body		tme		3 unusable 4 idle 5 unusable 6 unusable 7 unusable 8 unusable
The message you selected :			×.	
empty	delete forward	reply recv		

#### 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

end Result SMS Re	ceiving Box	SMS Sending Box USS	) Box				port	state idle
num phonenum 0 10086 1 10086 2 10086 3 10086	port 1 4 1 4	message body 11 11 11 11 11			tme 2016-08-04 10:22:13 2016-08-04 10:13:29 2016-08-04 10:13:15 2016-08-04 10:13:11	from WEB WEB WEB API	2 3 4 5 6 7 8	unusable unusable idle unusable unusable unusable unusable
4								
he message you sel	ected :							
Recv SMS from 100 Port: 4 2016-08-0 11	86 4 10:13:29					*		
		[t. ]				*		
		empty	delete	ward reply	recv			

#### 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

end Resu	t SMS Receiving	Box SMS Sending Box US	SD Box				port 1	state
Jm The mess	port	time :	send body	state	recv body		2 3 4 5 6 7 8	unusable idle unusable unusable unusable unusable
						*		

#### 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

Test	
curl:	http://192.168.1.10/API/QueryInfo
event:	{"event":"getportinfo"}
	OK Cancel

We allow users to desginate curl and event on this interface to send the post request to the gateway, which facilates 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.

#### **Headquarters**

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