

User Guide HTTP – (GET – POST)

HTTP Connectivity

This document covers the HTTP method of connectivity. This is one of the simpler server-based forms of communication to with our gateway. It can be used either in the form of a HTTP POST or as an URL. We recommend POST for larger data transfer, due to the size limitation of GET. Communication to our API can be done via HTTP on port 80. All calls to the API must be URL-encoded. The beauty and add-on advantage of http connectivity is that you can check or access the gateway even on web based applications. The parameter names are case-sensitive, so it is important to read entire document prior to seeking assistance from 07sms.

1- HTTP - GET

HTTP URLs - Unicode:

URL for Single SMS

<http://www.07sms.com/httpSmsProvider.aspx?username=user&password=pass&mobile=966500000000&unicode=U&message=06390628062F002006270644063306450640639&sender=07sms>

URL for Multiple SMS

<http://www.07sms.com/httpSmsProvider.aspx?username=user&password=pass&mobile=966500000000,966500000001&unicode=U&message=06390628062F002006270644063306450640639&sender=07sms>

In this URL for sending on multiple mobile you have to separate with comma(,)

HTTP URLs - English:

URL for Single SMS

<http://www.07sms.com/httpSmsProvider.aspx?username=user&password=pass&mobile=966500000000&unicode=E&message=hi&sender=07sms>

URL for Multiple SMS

<http://www.07sms.com/httpSmsProvider.aspx?username=user&password=pass&mobile=966500000000,966500000001&unicode=E&message=test&sender=07sms>

In this URL for sending on multiple mobile you have to separate with comma(,)

HTTP Parameters

Username: This is your account username given by 07sms Password: this is password of your account

Mobile: This is recipient mobile number. Format should be like 966500000000
Unicode: This is the code which represents type of message. The values will be E for English, U for Unicode.

Message: Actual message. If this English it will be English. For sending Unicode, you need to convert into hexacode.

Sender: This is sender address. This can be only in English and only up to 11characters.

2-HTTP – POST

```
Dim username As String = ""
Dim password As String = ""
Dim result As String = ""
Dim strPost As String = ""
Dim strbuld As New StringBuilder
strbuld.Append("username=" & username & "&password=" & password & "&mobile=")
strbuld.Append(numbers)
' the unicode parameter is equal to 'e' for english and 'u' for arabic
strbuld.Append("&unicode=e&message=")
' the messageText is unicoded for arabic if not its plain text
strbuld.Append(messageText)
strbuld.Append("&sender=" & sender)
strPost = strbuld.ToString
Dim myWriter As StreamWriter = Nothing
Dim url As String = "http://www.07sms.com/HttpSMSProvider.aspx"
Dim objRequest As HttpWebRequest = WebRequest.Create(url)
objRequest.Method = "POST"
objRequest.ContentLength = strPost.Length
objRequest.ContentType = "application/x-www-form-urlencoded"
Try
myWriter = New StreamWriter(objRequest.GetRequestStream())
myWriter.Write(strPost)
Catch x As Exception
```

```
Finally
If myWriter IsNot Nothing Then
myWriter.Close()
End If
End Try
Dim objResponse As HttpWebResponse = objRequest.GetResponse()
Dim sr As StreamReader
sr = New StreamReader(objResponse.GetResponseStream())
result = sr.ReadToEnd()
sr.Close()
```

Error Codes

0 : Success
101 : Parameter are missing
104 : either user name or password are missing or your Account is on hold
105 : Credit are not available
106 : wrong Unicode
107 : blocked sender name
108 : missing sender name
109 : Forbidden word
1010 : Wrong SMS content format or URL format is not correct or Mobile number is blocked
1011 : Username is missing
1012 : Password is missing
1013 : Mobile number is missing
1014 : Unicode type is missing
1015 : SMS content is empty
1016 : Sender name is empty

History

This part of URL deals with the messages history and that includes the messages delivered and outstanding. The beauty and add-on advantage of http connectivity is that you can check or access the gateway even on web based applications. Login to <http://www.07sms.com> to history. You can check whether messages are delivered or outstanding.

SMS Specifications

Unicode:

Single Message: A message in Unicode format can contain up to 70 characters

Multiple Messages: Once the message exceeds more than 70 characters it would be sent in multiples with 67 characters in each message.

English:

Single Message: A message in English format can contain up to 160 characters.

Multiple Messages: Once the message exceeds more than 160 characters it would be sent in multiples with 134 characters in each message.

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