

Ucotel HTTP SMS Gateway

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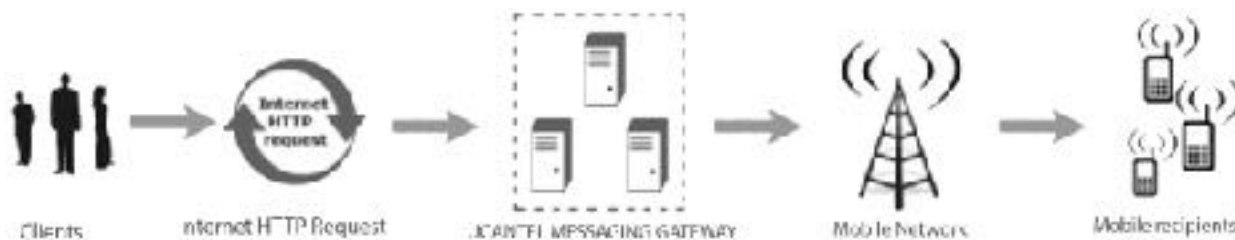


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Sending SMS through the HTTP protocol

This document will describe the procedure for sending an SMS message through the HTTP protocol.



Minimum requirements

The following are the minimum requirements for sending SMS through the HTTP protocol:

- registered account with Ucantel
- username, password, source(alias) and destination address
- message text

A sample SMS message presents mandatory parameters:

<http://www.ucantextjm.com/sendsms.aspx?>

`phonenummer=123456789&username=username&password=password&text=Test+message`

In order to send messages using HTTP connection, customers can use different approaches using a number of development languages such as PHP, ASP, PERL, C# and JAVA.

For a higher level of security, our customers can use an SSL connection for sending SMS content and receiving delivery reports. In this case, sample SMS message should look like

this: <https://www.ucantextjm.com/sendsms.aspx?>

`phonenummer=123456789&username=username&password=password&text=Test+message`

Default encoding for messages sent through <http://www.ucantextjm.com/sendsms.aspx> should be ISO-8859-1.

Connection Parameters

There are two types of parameters: mandatory and optional. The following are the mandatory parameters:

- username
- password
- message
- destination address

There are a number of optional parameters. The complete list of the parameters is listed below:

Parameter	Parameter Description
username	Your Ucantel client username
password	Your Ucantel account password. If the password contains special characters (space,#,\$,+,%,=) it has to be URL encoded
phonenumber	The number the message is sent to. It has to be in the internationalformat without '+' or spaces. e.g 441234567890.
alias	The number from the message appears to have been sent from – it can be numeric or alphanumeric (up to 11 characters)
text	The message body has to be url encoded
type	Message types: 1. SMS(default) 2. FlashSMS 3. LongSMS (concatenated messages up to 39015 characters)

Server Response

For every message which has been sent through the HTTP protocol, the customers will receive the response from our SMS gateway. There are two types of gateway responses:

- SMS received response - response from our SMS gateway when the message is submitted from client's side
- SMS sent response - response from our SMS gateway with the delivery report for the message that has been sent

SMS Received Response

The table below lists all possible responses from our SMS gateway when the message is submitted from the client's side.

Reply	Description
UC001	You are missing one or more parameter
UC002	Invalid Credentials
UC003	Invalid MSISDN
UC004	Exceed Balance
UC005	Message Sent
UC006	Invalid Type
UC007	Invalid Source IP
UC008	System Exception

Checking the Account balance

Our customers can check their current account balance by using the balance script. In order to use the script, the users have to provide their username and password at the following URL:

<https://www.ucantextjm.com/balance.aspx?username=username&password=password>

If the user credentials have been authenticated, the script will return the balance. If some of the details are incorrect, the script will return the error message accordingly.

The following are the error messages which can be returned by the script:

- auth_failed – invalid username or password
- sys_error – server side error

Contact Us

For further information please contact:

- our 24/7 support team through real time live chat on Skype ([support.ucantel](https://support.ucantel.com))
- send an email to our Technical Support: support@ucantelcommunications.com
- or contact our Sales Department at info@ucantelcommunications.com for further information about renting Long number