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# Ucotel HTTP SMS Gateway

## 3.0

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### **Http API Documentation.**

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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, destination MSISDN
- ❖ message text

A sample SMS message presents mandatory parameters:

```
http://btc.ucantextjm.com/Sendmessages/single?  
msisdn=18760000000&user=username&pass=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/Sendmessages/single?  
msisdn=18760000000&user=username&pass=password&text=Test  
+message
```

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Default encoding for messages sent via <http://www.ucantextjm.com/Sendmessages/single> 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(MSISDN)

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

<b>user</b>	Your username
<b>pass</b>	Your account password. If the password contains special characters (space,#,\$,+,%,=) it has to be URL encoded
<b>msisdn</b>	The number the message is sent to. It has to be in the international format without '+' or spaces. e.g. 18760000000.
<b>text</b>	The message body has to be url encoded
<b>sender</b>	Sender ID constructed from a combination of alpha (a-z, A-Z) and numeric (0-9) characters, as well as spaces, max character 11.
<b>type</b>	Message types: <ul style="list-style-type: none"><li>❖ SMS(default)</li><li>❖ FlashSMS</li><li>❖ LongSMS (concatenated messages up to 480 characters)</li></ul>

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## Server Response

For every message which has been sent via 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.

UC001	You are missing one or more parameter
UC002	Invalid Credentials
UC003	Invalid MSISDN
UC004	Invalid Message (Text too long or short)
UC005	Server Error, Failed to Save
UC006	Invalid Type
UC007	Invalid Source IP
UC008	Accepted for delivery
UC009	Sender ID missing/ Invalid

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## Contact Us

For further information please contact:

- ❖ our support team through real time live chat on Skype  
(support.ucantel)
- ❖ send an email to our Technical Support:  
[support@ucantelcommunications.com](mailto:support@ucantelcommunications.com)
- ❖ or contact our Sales Department at  
[info@ucantelcommunications.com](mailto:info@ucantelcommunications.com) for further information