

ADVANCE MESSAGING
SYSTEM SMS
SMS API DOCUMENT

e-bulksms.com

Introduction

This document provides HTTP specification including connection to advance messaging systems server, bind options and specification for sending SMS over HTTP. This HTTP API used to sending SMS, collecting delivery reports along.

HTTP API

The Hypertext Transfer Protocol (HTTP) is an application-level protocol for distributed, collaborative, hypermedia information systems. This is the foundation for data communication for the World Wide Web (i.e. internet)

HTTP is a generic and stateless protocol which can be used for other purposes as well using extensions of its request methods, error codes, and headers. This document provides developers with instructions for integrating SMS messaging services into various solutions using HTTP API.

This HTTP API can be used in sending SMS, collecting delivery reports along with HTTP API specification.

You can send upto 16 numbers on each request . you can use both GET and POST methods to send sms.

Users can Use Following Services via HTTP API:

- i. Message Submission
- ii. Multiple Messages Submission
- iii. Get Delivery Report
- iv. Get Balance

1. Message Submission

<https://e-bulksms.com/sendsms/sendsms?username=xxxx&password=xxxx&type=x&mn=44897373644&sid=xxx&message=xxxxx>

2. Multiple Messages Submission

<https://e-bulksms.com/sendsms/sendsms?username=xxxx&password=xxxx&type=x&mn=44897373644,44897373644,44897373644,44897373644&sid=xxx&message=xxxxx>

Parameters:

Parameter Name	Description
username	username
password	password
type	1 , 2
mno	mobile numbers separated by comma(,) (Destination Number or Comma separated Destination Numbers (Including Country Code without 00 or +))
sid (numeric/alpha)	sender ID or sender name
message	Text Message

Message Type:

Type	Description	Length
1	Normal text message (English)	160 Characters
2	Unicode Message (1001D00E00)	70 Characters

Message:

For message type 1:

<https://e-bulksms.com/sendsms/sendsms?username=xxxx&password=xxxx&type=1&mn=123456789&sid=Test&message=Hello Dear>

For message type 2: (unicode)

<https://e-bulksms.com/sendsms/sendsms?username=xxxx&password=xxxx&type=2&mn=123456789&sid=Test&message=他們賦有理性和良心>

Note : Need to convert the Unicode to Hex16 or UTF16 format in order to send sms via API.

On success you will get message ID:

Response : 2dd48d6a-08d2-446f-9d85-e3683d9b276a

Message ID : which is used to get delivery report later

Errors Codes:

Error Description	Error Code
Invalid Message Type	5551
Numeric sender less than 18 char	5552
Alphanumeric sender less than 12 char	5553
Invalid Parameters	5554
To Many Numbers	5555
Not Authorized	5556
Invalid Values	5557
Internal Error	5559
Invalid Credits	5558
Invalid login Details	6000
Invalid Mobile Number	5560
Unknow Error	5561

3.Get Delivery Report

<https://e-bulksms.com/sendsms/dlr?smcid=d4248487-9d91-454a-a138-63467ceded82>

input parameter name = smcid

message id = d4248487-9d91-454a-a138-63467ceded82

Output:

status : DELIVRD status

: status code 4 status :

UNDELIV

status : SUBMITTED

3. Get Balance:

<https://e-bulksms.com/sendsms/user?userid=541560>

input : user ID

balance : 110000