

SMSKenya API Integration Documentation

Production Domain:	api.smskenya.biz	Last Updated:	July 2026
Protocol Version:	v1.2 (Secure POST Spec)	Authentication:	Token-based (POST body)

1. System Architecture & Security

To ensure complete transport security and prevent the exposure of sensitive authorization tokens and customer mobile numbers within system logs, the gateway utilizes a strict **POST-only specification**. Any standard **GET** requests will be rejected natively at the webserver layer to enforce payload encryption via transit SSL/TLS (HTTPS).

Strict Enforcement: Any non-POST request to either endpoint will return a **405 Method Not Allowed** HTTP response code paired with a failure JSON payload.

2. API Endpoint Specifications

Endpoint A: Send One-Time Password (OTP)

Injects a designated numeric code into a standard output template and schedules delivery to both Airtel and non-Airtel cellular networks.

Property	Value / Details
Endpoint Path	/index.php
HTTP Method	POST
Content-Type	application/x-www-form-urlencoded or multipart/form-data

Required POST Parameters

Parameter	Type	Requirement	Description
<code>token</code>	String	REQUIRED	Your secure API authentication key.
<code>phone</code>	String	REQUIRED	Recipient's phone number. Accepted formats include: local format <code>07xxxxxxxx</code> , <code>7xxxxxxxx</code> , or international prefix <code>2547xxxxxxxx</code> .
<code>msg</code>	Numeric	REQUIRED	Pure numeric OTP code. This digits-only sequence will replace <code>[[code]]</code> in the system's template.

Message Format Notice: The raw `msg` input must contain exclusively numbers. The gateway formats this internally into:

"Your OTP Code is: `[[code]]`. This code is valid for 10 minutes"

JSON Success Response (200 OK)

```
{
  "success": 1,
  "id": "987654321_msg_id",
  "msg": "Message sent successfully",
  "status": {
    "msgId": "987654321_msg_id",
    "statusText": "DeliveredToTerminal"
  }
}
```

JSON Error Response (e.g., Missing Parameter)

```
{
  "success": 0,
  "id": null,
  "msg": "Missing parameters"
}
```

Endpoint B: Check Credit Balance

Retrieves remaining SMS message credits assigned to your API token. This endpoint references current allocations subtracted by the recorded dispatch log counts.

Property	Value / Details
Endpoint Path	/balance/index.php
HTTP Method	POST
Content-Type	application/x-www-form-urlencoded

Required POST Parameters

Parameter	Type	Requirement	Description
token	String	REQUIRED	Your secure API authentication key.

JSON Success Response (200 OK)

```
{
  "success": 1,
  "msg": "189"
}
```

JSON Error Response (e.g., Invalid Token)

```
{
  "success": 0,
  "msg": "Invalid token"
}
```

3. Integration Code Examples

Curl Command Line (Testing)

```
# Send a test SMS OTP
curl -X POST \
  -d "token=your_token_here" \
  -d "phone=0712345678" \
  -d "msg=12345" \
  https://api.smskenya.biz/index.php

# Query Account Balance
curl -X POST \
  -d "token=your_token_here" \
  https://api.smskenya.biz/balance/index.php
```

PHP Integration Snippet

```
<?php
$url = 'https://api.smskenya.biz/index.php';
$postData = [
    'token' => 'your_token_here',
    'phone' => '0712345678',
    'msg'    => '58291'
];

$ch = curl_init($url);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($postData));

$response = curl_exec($ch);
curl_close($ch);

$result = json_decode($response, true);
if ($result && $result['success'] == 1) {
    echo "OTP Sent Successfully! Message ID: " . $result['id'];
} else {
    echo "Delivery Failed: " . ($result['msg'] ?? 'Unknown Error');
}
?>
```