



SMS-Http-API Doc

1. SMS Request

To send an SMS using the HTTP SMS API, you need to use the HTTP GET method, form an HTTP URL, and call this URL from your application. Contact your sales agent or agent to get your domain name.

Http Method : Get

Resource : order/sms/v1/req

Example : `http://{domain}/order/sms/v1/req?apiKey=Au-000015-1&secret=1dw3r3wf3ewf3ewf3kn5fewfewqwd5xn&sender=&effectiveTime=&destNum=886976036434&message=yourMessage`

1.1. SMS Request Params

Param	Required	Max Length	Type	Introduction	Example
apiKey	Y	12	String	A unique identifier used to authenticate a user.	Tes-000001-1
secret	Y	8	String	A unique secret password used to authenticate a user.	r3wf3ewf
sender	Y	100	String	Sender id, the name or number that identifies the sender of an SMS message, should be empty if not assigned.	qc54j
message	Y		String	Message content. (refer to 1.4 & 1.5)	Hello World

destNum	Y	50	String	Destination number, the phone number of the recipient you wish to send the message to. Format: country code (without "+") followed by the local number.	886900000001
effectiveTime	N	13	Long	Effective time, the amount of milliseconds that the message is valid. If effective time is empty, our system will set the default value (24 hours) for the effective time.	3600000

1.2. SMS Response Params

Content-Type : application/json

Param	Required	Max Length	Type	Introduction	Example
code	Y	5	int	Status code.	200. For more details, please see the list of request codes.
msg	Y	2000	String	Description.	The parameter of error description.
count	Y	2	int	Actual number of orders.	1
messageId	Y	19	long[]	The message ID.	

Success Response :

```
{
  "code": 200,
  "msg": "success",
  "count": 1,
  "messageld": [
    232
  ]
}
```

Failed Response :

```
{
  "code": 2005,
  "msg": "unable to get any routes for the request",
  "count": 0,
  "messageld": null
}
```

1.3. SMS Request Code

Code	Descr
200	success
500	system under maintenance
401	sending requests too frequently

1001	missing apiKey
1002	missing secret
1003	invalid format of sender
1004	invalid format of destNumber
1005	invalid format of message
1007	message content contains blocked keywords
1008	request is not allowed from this ip
1009	invalid format of scheduledDate
1010	set scheduledDate at least one hour from now
1011	invalid format of messageId
1012	invalid apiKey
1013	invalid format of effectiveTime
2001	the api key does not bind any routes
2002	senderId does not exist
2003	all routes are deactivated
2005	unable to get any routes for the request
2006	customer's balance is insufficient
2007	Balance issue! Please contact your agent.
2008	Balance issue! Please contact your agent.
2009	Balance issue! Please contact your agent.
2010	Balance issue! Please contact your agent.
2011	Balance issue! Please contact your agent.
2012	the route needs to bind a sender

2013	customer's balance is insufficient to send the message
2014	Balance issue! Please contact your agent.
2015	the destination number does not match any routes

1.4. Message Segment for Taiwan

GSM-7 / Non-GSM characters	Segment Quantity(s)
1 - 70 characters	1
71 - 134 characters	2
135 - 201 characters	3
202 - 268 characters	4
269 - 335 characters	5
336 - 402 characters	6
403 - 469 characters	7
470 - 536 characters	8
537 - 603 characters	9
604 - 670 characters	10

1.5. Message Segment

GSM-7	Segment Quantity(s)
1 - 160 characters	1
161 - 306 characters	2
307 - 459 characters	3
460 - 612 characters	4
613 - 765 characters	5
766 - 918 characters	6
919 - 1071 characters	7
1072 - 1224 characters	8
1225 - 1377 characters	9
1378 - 1530 characters	10

Non-GSM characters	Segment Quantity(s)
1 - 70 characters	1
71 - 134 characters	2
135 - 201 characters	3
202 - 268 characters	4
269 - 335 characters	5
336 - 402 characters	6

403 - 469 characters	7
470 - 536 characters	8
537 - 603 characters	9
604 - 670 characters	10

2. SMS DLR

When receiving the status of the message, we will push the delivery reports to your DLR Url. An **HTTP status code 200** is considered a successful response.

Please provide your DLR Url for your agent to set up.

Http Method : Get

Example : `http://{yourDomain}/receiveDLR?messageId=1&destNum=886999999999&status=PF_DELIVERED&errorCode=&networkCode=46601&price=0.01&realCount=1×tamp=1658903035886`

2.1. DLR Params

Param	Required	Max Length	Type	Introduction	Example
messageId	Y	19	String	Message ID.	
destNum	Y	50	String	Destination nu	

				member.	
status	Y	50	String	Message delivery status.	<p>LY_ACCEPTED_SUCCESS : The message has been accepted by Leyun.</p> <p>LY_ACCEPTED_FAIL : The message has not been accepted by Leyun.</p> <p>LY_EXPIRED : Delivery expired. The message has not yet been successfully delivered to the recipient's device.</p> <p>LY_WAIT : Waiting to be sent by Leyun.</p> <p>LY_TO_BE_CONFIRMED : To be confirmed. Please contact your agent for more details.</p> <p>PF_ACCEPTED_SUCCESS : The message has been accepted by the carrier.</p> <p>PF_ACCEPTED_FAIL : The message has not been accepted by the carrier.</p>

					<p>PF_UNREACHABLE : The carrier is currently unreachable. Please contact your agent for more details.</p> <p>PF_DELIVERED : Message delivered.</p> <p>PF_REJECTED : The message has been rejected by the carrier due to some reasons.</p> <p>PF_EXPIRED : Delivery expired.</p> <p>PF_WAIT : Waiting to be sent by the carrier.</p> <p>PF_SEND_FAIL : Delivery failed due to some reasons.</p> <p>PF_TO_BE_CONFIRMED : To be confirmed. Please contact your agent for more details.</p>
errorCode	Y	50	String	Error code.	<p>DEST_DEVICE : Recipient device problems. Delivery failed.</p> <p>NUM_ERROR : Invalid destination number.</p> <p>DEST_REJECT : The destination number is blocked from receiving the message.</p>

					<p>PLATFORM_REJECT : The message delivery has been rejected by the carrier.</p> <p>DELETE_PF : The carrier deleted the message without delivery.</p> <p>SENDER_ID_ERROR : Invalid sender ID.</p> <p>EXPIRED : Delivery expired.</p> <p>BLACK_KEYWORD : Blocked keywords.</p> <p>NETWORK_ERROR : Network error.</p> <p>OTHER_ERROR : Other error.</p>
networkCode	Y	10	String	Network code, the unique identifier of the destination network. If it is empty, then there is no relevant information available.	41201
unitPrice	Y	(12,4)	double	Unit price (USD).	0.01
realCount	Y	2	int	Real counts.	1
timestamp	Y	13	long	DLR timestamp.	1659596138814

3. SMS Query

Http Method : Get

Resource : order/sms/v1/query

Example : <http://{domain}/order/sms/v1/query?apiKey=Au-000015-1&secret=1dw3r3wf3ewf3ewf3kn5fewfewqwd5xn&messageId=235>

3.1. Request Params

Param	Required	Max Length	Type	Introduction	Example
apiKey	Y	12	String	A unique identifier used to authenticate a user.	Tes-000001-1
secret	Y	8	String	A unique secret password used to authenticate a user.	r3wf3ewf
messageId	Y	19	long	Message ID.	235

3.2. Request Response

Content-Type : application/json

Param	Required	Max Length	Type	Introduction	Example
code	Y	5	int	Status code.	200. For more details, please see the list of request codes.
msg	Y	2000	String	Description.	The parameter of error description.
data	Y		Detail []	Detail of message status.	

Data 内容

Param	Required	Max Length	Type	Introduction	Example
messageId	Y	19	String	Message ID.	
destNum	Y	50	String	Destination number.	
status	Y	50	String	Message delivery status.	LY_ACCEPTED_SUCCESS : The message has been accepted by Leyun.

					<p>LY_ACCEPTED_FAIL : The message has not been accepted by Leyun.</p> <p>LY_EXPIRED : Delivery expired. The message has not yet been successfully delivered to the recipient's device.</p> <p>LY_WAIT : Waiting to be sent by Leyun.</p> <p>LY_TO_BE_CONFIRMED : To be confirmed. Please contact your agent for more details.</p> <p>PF_ACCEPTED_SUCCESS : The message has been accepted by the carrier.</p> <p>PF_ACCEPTED_FAIL : The message has not been accepted by the carrier.</p> <p>PF_UNREACHABLE : The carrier is currently unreachable. Please contact your agent for more details.</p> <p>PF_DELIVERED : Message delivered.</p> <p>PF_REJECTED : The message has been rejected by the carrier due to some reasons.</p>
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					<p>PF_EXPIRED : Delivery expired.</p> <p>PF_WAIT : Waiting to be sent by the carrier.</p> <p>PF_SEND_FAIL : Delivery failed due to some reasons.</p> <p>PF_TO_BE_CONFIRMED : To be confirmed. Please contact your agent for more details.</p>
errorCode	Y	50	String	Error code.	<p>DEST_DEVICE : Recipient device problems. Delivery failed.</p> <p>NUM_ERROR : Invalid destination number.</p> <p>DEST_REJECT : The destination number is blocked from receiving the message.</p> <p>PLATFORM_REJECT : The message delivery has been rejected by the carrier.</p> <p>DELETE_PF : The carrier deleted the message without delivery.</p> <p>SENDER_ID_ERROR : Invalid sender ID.</p> <p>EXPIRED : Delivery expired.</p> <p>BLACK_KEYWORD : Blocked keyword</p>

					ds. NETWORK_ERROR : Network error. OTHER_ERROR : Other error.
networkCode	Y	10	String	Network code, the unique identifier of the destination network. If it is empty, then there is no relevant information available.	41201
unitPrice	Y	(12,4)	double	Unit price (USD).	0.01
realCount	Y	2	int	Real counts.	1
timestamp	Y	13	long	DLR timestamp.	1659596138814

Success :

```
{
  "code": 200,
  "msg": "success",
  "timestamp": 1659668680698,
  "data": [
    {
      "messageId": 357,
      "destNum": "886905585553",
      "status": "LY_ACCEPTED_SUCCESS",
      "errorCode": null,
      "networkCode": null,

```



```
        "unitPrice": 1.0,  
        "realCount": 2  
    }  
]  
}
```

Fail :

```
{  
  "code": 1011,  
  "msg": "invalid format of messageId",  
  "timestamp": 1659668829444,  
  "data": null  
}
```