

# Create Shipment API Documentation

HK Logistics Group

Seamlessly integrate shipment creation with the HK Logistics Group API. For

more information, visit <https://www.hklogisticsgroup.com>  
or contact us at [support@hklogisticsgroup.com](mailto:support@hklogisticsgroup.com)

# Contents

<b>1</b>	<b>Introduction</b>	<b>2</b>
<b>2</b>	<b>Authentication</b>	<b>2</b>
<b>3</b>	<b>Endpoint Details</b>	<b>2</b>
<b>4</b>	<b>Request Parameters</b>	<b>2</b>
4.1	package_details Object . . . . .	2
<b>5</b>	<b>Response Format</b>	<b>2</b>
<b>6</b>	<b>Status Codes</b>	<b>3</b>
<b>7</b>	<b>Examples</b>	<b>3</b>
7.1	Successful Request . . . . .	3
7.2	Error Response . . . . .	3

## 1 Introduction

This endpoint allows you to create a new shipment in the HK Logistics Group system. By providing details such as origin, destination, and package information, you can initiate the shipping process and receive a tracking number for monitoring.

## 2 Authentication

All API requests require authentication using an API key. Include your API key in the `Authorization` header:

`Authorization: Bearer YOUR_API_KEY`

Contact our support team at [support@hklogisticsgroup.com](mailto:support@hklogisticsgroup.com) to obtain your API credentials.

## 3 Endpoint Details

- **Method:** POST
- **URL:** `https://api.hklogisticsgroup.com/v1/shipments`
- **Description:** Creates a new shipment.

## 4 Request Parameters

The following parameters are required in the request body:

Parameter	Type	Required	Description
<code>origin</code>	string	Yes	The shipment's origin address.
<code>destination</code>	string	Yes	The shipment's destination address.
<code>package_details</code>	object	Yes	Details of the package, including weight and dimensions.
<code>carrier</code>	string	No	Preferred carrier for the shipment.

### 4.1 `package_details` Object

- **weight:** number (required) - Weight of the package in kilograms.
- **dimensions:** object (optional) - Dimensions of the package.
  - **length:** number
  - **width:** number
  - **height:** number
- **contents:** string (optional) - Description of the package contents.

## 5 Response Format

Upon successful creation, the API returns a JSON object with the shipment details:

```
{  
  "shipment_id": "string",  
  "tracking_number": "string",
```

```
    "status": "string",
    "estimated_delivery": "string (YYYY-MM-DD)"
}
```

## 6 Status Codes

- **201 Created:** The shipment was successfully created.
- **400 Bad Request:** Invalid or missing parameters.
- **401 Unauthorized:** Invalid API key.
- **500 Internal Server Error:** An error occurred on the server.

## 7 Examples

### 7.1 Successful Request

#### Request:

```
POST /v1/shipments HTTP/1.1
Host: api.hklogisticsgroup.com
Authorization: Bearer YOUR_API_KEY
Content-Type: application/json
```

```
{
  "origin": "Hong Kong",
  "destination": "Los Angeles",
  "package_details": {
    "weight": 10,
    "dimensions": {"length": 20, "width": 15, "height": 10},
    "contents": "Electronics"
  },
  "carrier": "FedEx"
}
```

#### Response:

```
HTTP/1.1 201 Created
Content-Type: application/json
```

```
{
  "shipment_id": "12345",
  "tracking_number": "TR123456789",
  "status": "created",
  "estimated_delivery": "2019-05-25"
}
```

### 7.2 Error Response

#### Request:

```
POST /v1/shipments HTTP/1.1
Host: api.hklogisticsgroup.com
Authorization: Bearer YOUR_API_KEY
```

Content-Type: application/json

```
{
  "origin": "Hong Kong",
  "package_details": {
    "weight": 10
  }
}
```

**Response:**

HTTP/1.1 400 Bad Request

Content-Type: application/json

```
{
  "error": "Invalid parameters",
  "details": "Missing required field: destination"
}
```