



UPI Gateway API Documentation (One QR REST Format)

Welcome to the **UPI Gateway Developer Documentation**. This gateway supports both **GET and POST REST HTTP API endpoints** for 1-click integration with any website, CRM, or mobile app, as well as **Native HMAC Signed Endpoints**.

Base Server URL: `http://YOUR_SERVER_IP:3001`

1. ⚡ One QR REST HTTP API (GET & POST Supported)

Both **GET** (query parameters) and **POST** (JSON / form-urlencoded) HTTP methods are supported on all endpoints.

A. Create Order API

Generate a payment order and retrieve checkout link + UPI intent URL.

- **URL:** `/api/create-order` (or `/api/create_order`)
- **HTTP Methods:** **GET** **POST**
- **Content-Type:** `application/json` | `application/x-www-form-urlencoded` |
URL Query Params

Request Parameters Table:

Parameter	Type	Required	Description
<code>key</code>	String	Yes	Your API Key / User Token
<code>amount</code>	String/Number	Yes	Amount in INR (e.g. <code>100.00</code>)
<code>order_id</code> / <code>client_txn_id</code>	String	Optional	Unique reference ID from your CRM/App
<code>customer_name</code>	String	Optional	Customer's full name
<code>customer_email</code>	String	Optional	Customer's email address

Parameter	Type	Required	Description
<code>customer_mobile</code>	String	Optional	Customer's 10-digit mobile number
<code>redirect_url</code>	String	Optional	URL to redirect customer after payment
<code>p_info</code>	String	Optional	Product or service description
<code>remark</code>	String	Optional	Transaction note / description
<code>udf1</code> / <code>udf2</code> / <code>udf3</code>	String	Optional	Custom user-defined fields

Example JSON Response:

```
{
  "status": true,
  "msg": "Order Created Successfully",
  "result": {
    "order_id": "TXN_8F91A2B3",
    "client_txn_id": "ORDER_12345",
    "amount": "100.00",
    "payment_url": "http://localhost:3001/checkout.html?orderId=TXN_8F91A2B3",
    "upi_intent": "upi://pay?pa=paytm.s2sj9j@pty&pn=UPI%20Merchant&am=100.00&tr=TXN_8F91A2B3",
    "status": "PENDING",
    "created_at": "2026-08-03T05:04:00.000Z"
  }
}
```

B. Check Order Status API

Query the real-time status of any order.

- **URL:** `/api/check-order-status` (or `/api/check_status`)
- **HTTP Methods:** GET POST

Parameter	Type	Required	Description
<code>key</code>	String	Yes	Your API Key / User Token
<code>order_id</code> / <code>client_txn_id</code>	String	Yes	Gateway Order ID (<code>TXN_...</code>) or your <code>client_txn_id</code>

2. 🛎 Webhook / IPN Notification Callback

When a transaction is reconciled or updated, your gateway automatically sends an HTTP POST request to your Webhook URL in `application/x-www-form-urlencoded` format.

HTTP Header: `Content-Type: application/x-www-form-urlencoded`

Sample POST Payload:

```
amount=100.00
client_txn_id=ORDER_12345
createdAt=2026-08-03T05:14:30.647Z
customer_email=alice@example.com
customer_mobile=9876543210
customer_name=Alice Smith
customer_vpa=alice@upi
id=TXN_7F1A8C
p_info=Invoice #9088
redirect_url=https://yourwebsite.com/callback
remark=UPI Payment Verified
status=success
txnAt=2026-08-03
udf1=custom_val_1
udf2=custom_val_2
udf3=custom_val_3
upi_txn_id=123456789012
```

Webhook Parameter Definitions:

Parameter	Description
<code>amount</code>	Order amount passed in create request (e.g. 100.00)
<code>client_txn_id</code>	Your application reference ID
<code>createdAt</code>	ISO 8601 timestamp of order creation
<code>customer_email</code>	Customer email address
<code>customer_mobile</code>	Customer 10-digit mobile number
<code>customer_name</code>	Customer full name

Parameter	Description
<code>customer_vpa</code>	Payer VPA / UPI ID (if available)
<code>id</code>	Gateway Order ID
<code>p_info</code>	Product / Payment description info
<code>redirect_url</code>	Customer redirect return URL
<code>remark</code>	Auto-generated or updated status note
<code>status</code>	Transaction status: <code>success</code> or <code>failure</code>
<code>txnAt</code>	Date of transaction formatted YYYY-MM-DD
<code>udf1 / udf2 / udf3</code>	Custom user-defined metadata fields
<code>upi_txn_id</code>	Bank UTR / Transaction Reference Number

3. Code Integration Examples

PHP Integration Example

```
<?php
$apiKey = "YOUR_API_KEY";
$url = "http://localhost:3001/api/create-order";

$data = [
    "key" => $apiKey,
    "amount" => "100.00",
    "order_id" => "ORDER_" . time(),
    "customer_name" => "John Doe",
    "customer_mobile" => "9876543210",
    "p_info" => "Plan Upgrade",
    "redirect_url" => "https://yourwebsite.com/callback"
];

$ch = curl_init($url);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
curl_setopt($ch, CURLOPT_POST, true);
curl_setopt($ch, CURLOPT_POSTFIELDS, json_encode($data));
curl_setopt($ch, CURLOPT_HTTPHEADER, ['Content-Type: application/json']);

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

$res = json_decode($response, true);
```

```
if ($res['status'] === true) {  
    header("Location: " . $res['result']['payment_url']);  
    exit();  
} else {  
    echo "Payment Error: " . $res['msg'];  
}  
?>
```