

CryptoDiggers eshop API call specification

Our payment gateway can be implemented as iframe to any HTML page. To do so it is required to make two api calls:

1. Background call to create iframe id. This call is done with your API key and can not be visible on the page
2. The second call is to show the iframe on the page. In case the iframe is called multiple times it returns either:
 - a. If timeout was not reached it counts to end of the timeout
 - b. If timeout was reached it strat the countdown again and recalculate the amount according the current exchange rate when it it called.
 - c. In case the payment was received the api will return a screen „Payment processed.“

To implement callback funtionalty you need to follow this steps:

1. Create a callback page on your web site
2. Specify the web site in the API – done by Cryptodiggers in API backend. We will require from you only the url path, which need to be called with callback
3. Callback return codes and parameters are send in POST attributes. The attributes are:
 - a. cdp_hash -> this attribute contain your security key and wallet TransactionID for the callback hashed with sha512.
 - b. txn_id -> this contain the wallet TransactionID. It is highly recommended to check the sha512 value of your key and this value with the cdp_hash value.
 - c. amount - > the real amount of cryptocurrency
 - d. status -> status of processing
 - i. 1 – payment received but not confirmed
 - ii. 2 – payment received and confirmed
 - iii. 3 – payment received but with wrong amount
 - e. order_id -> your internal order id from the order. You must ensure that this order id is always unique for every order.

1. CREATE IFRAME WITH PAYMENT DETAILS

Request:

https://www.cryptodiggers.eu/api/api.php?apikey=YOUR_API_KEY&a=new_address&timeout=30&order_id=TestOrder1&amount=0.01¤cy=1¤cy_crypto=7&wait=0

Response:

```
{"error":0,"error_msg":"","iframe_id":"a52169ed-9b2f-11e4-b228-00155d006403"}
```

- timeout – allowed values from 10 to 30, only integer
- order_id – Customer order id from eshop – can contain only (a-z,0-9,-,_) case insensitive, up to 20 chars
- amount – Fiat amount, decimal separator must be “.”
- currency – Fiat currency allowed values (1,2,3,9,13) – EUR=1, USD=2, GBP=3, JPY=9, CNY=13
- currency_crypto – Crypto currency allowed values (6,7,8) – 6=BTC, 7=WDC, 8=LTC
- wait – wait for confirmations – allowed values (0,1) – 0=No, 1=Yes

2. SHOW QR CODE and PAYMENT DETAILS IN IFRAME

Request:

https://www.cryptodiggers.eu/api/api.php?iframe=17a2307c-0fd2-11e6-b5de-00155d000116&a=eshop_payment_v2&amount=0.01

Response:



WDC address: WaTbrTtLPavYBgrGkH5kWy7gFAjHwfC14T
Price in WDC: 252.50703412
Time remaining: 09:22

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- iframe – UUID generated by function “apikey=YOUR_API_KEY&a=eshop_payment_v2”
- amount – Fiat amount, decimal separator must be “.”

If there is a need to change any other parameter except the amount the user is required to call again the „1. Create iframe with payment details“ in this manual

3. Check payment status by iframe id

Request:

http://www.cryptodiggerstest.eu/api/api.php?iframe=17a2307c-0fd2-11e6-b5de-00155d000116&a=get_iframe_status

Response:

In case the payment was received:

```
{"error":0,"error_msg":"","status_msg":"Payment processed, please finish your order.,"status_id":1}
```

Customer sent incorrect amount to address, payment must be reviewed by eshop:

```
{"error":0,"error_msg":"","status_msg":" You have sent incorrect amount of virtual coins to the generated address. Please contact eshop for more information.,"status_id":2}
```

Payment not yet received, countdown still active:

```
{"error":0,"error_msg":"","status_msg":"Waiting for payment.,"status_id":4}
```

Payment not received to iframe id:

```
{"error":0,"error_msg":"","status_msg":"Payment not received.,"status_id":5}
```

Iframe id does not exist, please can the api function „Create iframe with payment details“:

```
{"error":0,"error_msg":"","status_msg":"Iframe id does not exist !","status_id":6}
```