

Title	Description	Type
Amount	the amount of the payment in cryptocurrency. Not mandatory parameter if sent by AmountUsd	Double
AmountUsd	payment amount in USD. Not mandatory parameter if sent by Amount	Double
So, choose a method of transferring your request that is convenient for you, in cryptocurrency or in dollars.		
Currency (Mandatory field)	currency of payment Values: BTC, BUSD, DAI, DASH, DOGE, ETH, HUSD, LTC, TUSD, USDC, USDT, USDT (OMNI), XRP, TRX, USDT (TRC20), HT (TRC20), HUSD (TRC20), ETH (TRC20), BNB, BUSD (BEP20), ETH (BEP20), DAI (BEP20), USDT (BEP20), ADA (BEP20), USDC (BEP20)	String
Email (Mandatory field)	payer's e-mail	String
Name	Payer's name	String
Lastname	Payer's last name	String
ClientId (Mandatory field)	Unique identifier of the user in the system from which the payment is made (e.g. customer's id on your website)	String

ShopId (Mandatory field)	Unique shop ID in the Cryptadium system. (Shop office -> Settings -> Shop Management)	String
Test	It indicates whether the payment will be a test payment. This parameter is optional and should only be used to perform tests. To use this option, you must be authenticated by the shop. If authentication is passed and the request is sent with Test=true, you will see three buttons on the payment form "Payment successful", "Payment cancelled", "Payment underpaid", clicking on which, there will be sent the corresponding callbacks to your CallbackUrl. The total number of attempts to send is 30, the interval between attempts is 15 seconds. Test payments are not displayed in your shop and are not counted.	Boolean
Recurrent	It indicates whether the payment will be recurrent. This parameter is optional.	Boolean
Period	It specifies the period in days for recurring billing. This parameter is mandatory if Recurrent=true.	Integer
Percent	It indicates how much interest to add to the recurrence payment amount. This parameter is optional.	Double

PaymentsAmount	It indicates the number of recurrent payments. Integer This parameter is optional. If PaymentsAmount = 0, the system will invoice indefinitely.	Integer
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CheckBilling	It indicates whether Email and BillingId verification is required. With value true, if a payment with these parameters is found in Cryptadium, a form for an already created payment will be returned. This parameter is optional.	Boolean
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Reply - in response to the above mandatory parameters sent to <https://dashboard.cryptadium.com/Payment>, a payment form will be generated and shown to the payer for making the payment

Example of a request:

```
&lt;form action="https://dashboard.cryptadium.com/Payment" method="post"&gt; &lt;input type="hidden" name="test" value="false" /&gt; &lt;input type="hidden" name="email" value="test@test.com" /&gt; &lt;input type="hidden" name="name" value="name" /&gt; &lt;input type="hidden" name="lastname" value="lastname" /&gt; &lt;input type="hidden" name="amountusd" value="115" /&gt; &lt;input type="hidden" name="currency" value="BTC" /&gt; &lt;input type="hidden" name="ShopId" value="Asv0232SSd" /&gt; &lt;input type="hidden" name="ClientId" value="1000" /&gt; &lt;input type="hidden" name="BillingId" value="13304" /&gt; &lt;button type="submit"&gt;Send&lt;/button&gt; &lt;/form&gt;
```

Webhook

Shop office -> Settings -> Shop management

ShopId - a unique shop identifier in the Cryptadium system

WebHook password is a password required to check the payment signature

WebHook URL is the address in the system from which the payment is made, payment status data will be sent to this address:

Response Type: JSON

Parameters

Title	Description	Type
PaymentId	Transaction ID in the Cryptadium system	int
ShopId	Shop Id in Cryptadium system	string
Amount	Payment amount in cryptocurrency	Double
AmountUsd	Payment amount in USD	Double
Currency	Currency of payment	String
Email	Payer's e-mail	String
Status	Payment status Possible values: Success - the payment was successful Canceled - payment was cancelled (check with Cryptadium technical support for the reason) Insufficient - payment is underpaid (the payment is considered underpaid if the payment window has expired and the payment has not been fully executed and the callback will contain AmountUSD and Amount corresponding to the real amount of funds received)	String
BillingID	Unique payment identifier in the system from which the payment is made	String

Signature	a checksum to verify the authenticity of the request (to ensure that the request came from Cryptadium)	String
Insufficient	If "Confirm underpayments" is set in the shop settings, the underpayments will automatically be confirmed as successfully made after the end of the payment validity period (window). You will then receive a second callback, which will give information about the amount actually received (underpaid). You need to process this callback on the payment generation side and modify the original payment to match the actual funds received.	Boolean
Test	It indicates whether the payment has been marked as a test payment	Boolean

Signature check:

1. A string of the following kind should be generated: "PaymentId": "ShopId": "Email": "Currency": "Password" (Without inverted commas with a colon)
2. Encrypt the resulting string using the MD5 algorithm
3. Compare the resulting string with the one that came in via Webhook
4. If the strings match, an HTTP Status 200 response should be returned (Mandatory)

Webhook JSON example:

```
{ "PaymentId":10453, "ShopId":"Asv0232SSd", "Amount":0.00264765, "Currency":"BTC", "Email":"test@test.com", "Status":"Success", "Signature":"a5510c8c3e657ffd8229813749cd20ec", "BillingID":"13304", "AmountUSD":115.0, "Insufficient":false, "Test":false }
```

Payment details by BillingId

Endpoint: <https://dashboard.cryptadium.com/Api/PaymentByBillingId/{id}>

The request must contain the APIKEY header with your Api key. The key can be generated in Shop office -> Settings -> Shop Management

Request Type: GET

Parameters

Title	Description	Type
id	BillingId. Id payment in your system.	String

Reply

Response Type: JSON

Parameters

Title	Description	Type
PaymentId	Transaction ID in the Cryptadium system	int
ShopId	Shop Id in Cryptadium system	string
Amount	Payment amount in cryptocurrency	Double
AmountUsd	Payment amount in USD	Double
Currency	Currency of payment	String
Email	Payer's e-mail	String

Status	Payment status Possible values: Success - the payment was successful Canceled - payment was cancelled (check with Cryptadium technical support for the reason) Insufficient - payment is underpaid (the payment is considered underpaid if the payment window has expired and the payment has not been fully executed and the callback will contain AmountUSD and Amount corresponding to the real amount of funds received)	String
BillingID	Unique payment identifier in the system from which the payment is made	String
Insufficient	If "Confirm underpayments" is set in the shop settings, the underpayments will automatically be confirmed as successfully made after the end of the payment validity period (window). You will then receive a second callback, which will give information about the amount actually received (underpaid). You need to process this callback on the payment generation side and modify the original payment to match the actual funds received.	Boolean
Test	It indicates whether the payment has been marked as a test payment	Boolean
