
Authentication

In order to prevent malicious tampering during the interface call process, any interface call requires carrying an authentication field. The server verifies authentication based on the request parameters, and requests with illegal authentication will be rejected.

The authentication process is as follows:

Pass parameter fields AccessKey and AecretKey in interface headers

```
host: https://open.eye4.cn
{
  "AccessKey": "6pCrDUjkDscEGIPV",
  "SecretKey": "P1fyTVZU1yaDc9K9"
}
```

Obtain product list

Request syntax:

```
POST /product/list HTTP/1.1
host: https://open.eye4.cn
AccessKey: n0***TyY
SecretKey: 6J***Y9
Content-Type: application/json; charset=utf-8
Connection: close
Content-Length: 2

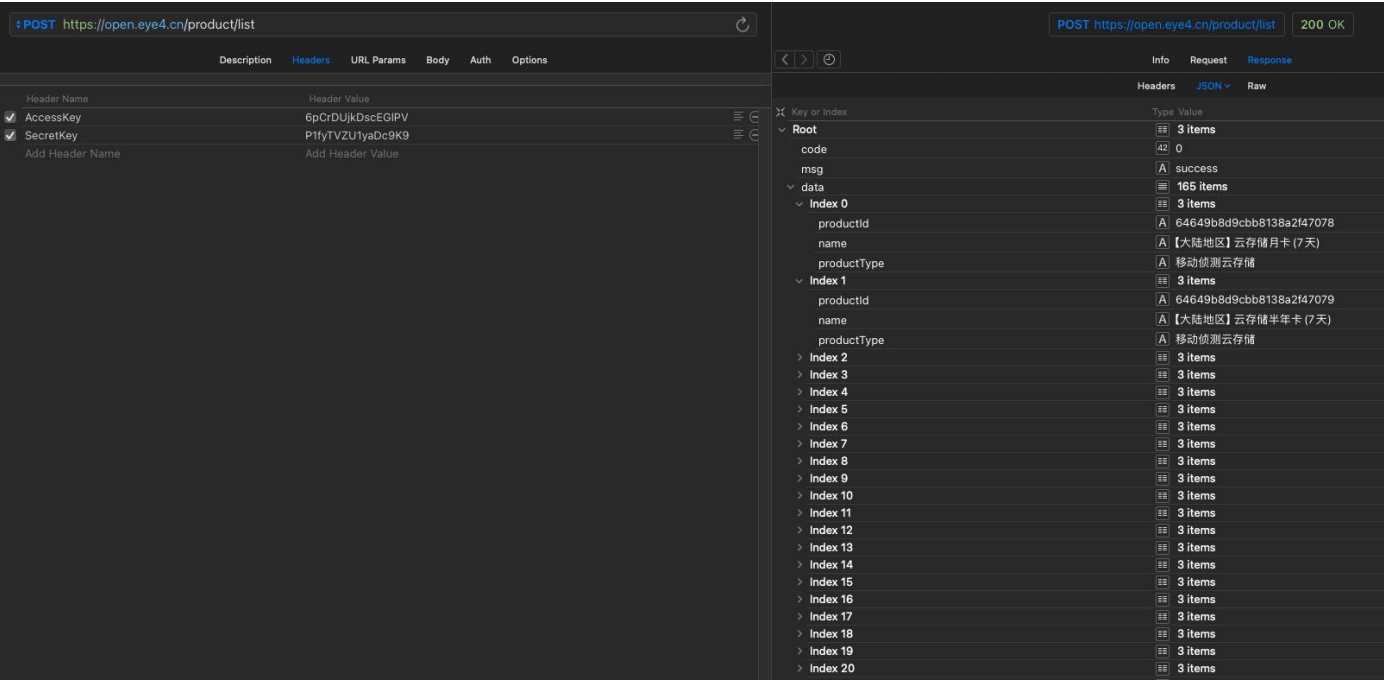
{}
```

If the request is successful, the http request status code is 200, and a JSON string containing the following content is returned.

```
{
  "code": 0,
  "data": [
    {
      "name": " 【Mainland China】 Cloud storage monthly card (Cycle storage for 7 days)",
      "productId": "64649b8d9cbb8138a2f47078",
      "productType": "Motion detection cloud storage"
    }
  ]
  "msg": "success"
}
```

Response field:

| Field name | Description |
|-------------|--|
| productId | Product ID |
| name | Product name |
| productType | Product type (currently divided into motion detection cloud storage and low-power cloud storage) |



Includes low power consumption and long power supply

Activate service

Request syntax:

```
POST /service/open HTTP/1.1
AccessKey: n0***TyY
SecretKey: 6J***Y9
Content-Type: application/json; charset=utf-8
Connection: close
Content-Length: 2

{"target":"TEST123456ABCD","productId":"64649b8d9cbb8138a2f47078"}
```

Request field:

| Field name | Type | Description |
|------------|--------|---|
| target | string | Device ID, object of activating the service |
| productId | string | Product ID, obtain from product list |

If the request is successful, the http request status code is 200, and a JSON string containing the following content is returned:

```
{
  "code":0,
  "msg":"success"
}
```

POST https://open.eye4.cn/service/open

DescriptionHeadersURL ParamsBodyAuthOptions

TextJSONForm URL-EncodedMultipartFileGraphQLMessagePackgRPC

Key or Index

Root

AccessKey

SecretKey

target

productid

4 items

6pCrDUjKDscEGIPV

P1fyTVZU1yaDc9K9

VQ6666666666666666

64649b8d9cbb8138a2f47078

POST https://open.eye4.cn/service/open200 OK

InfoRequestResponse

HeadersJSONRaw

Key or Index

Root

code

msg

data

3 items

0

success

success

Query motion detection cloud storage activation information

Request syntax:

POST /service/D004/info HTTP/1.1
AccessKey: n0***TyY
SecretKey: 6J***Y9
Content-Type: application/json; charset=utf-8
Connection: close
Content-Length: 2

```
{"target": "TEST123456ABCD"}
```

Request field:

| Field name | Type | Description |
|------------|--------|---|
| target | string | Device ID, object of activating the service |

If the request is successful, the http request status code is 200, and a JSON string containing the following content is returned:

```
{
  "code": 0,
  "msg": "success",
  "data": {
    "isOpen": true,
    "msg": "Cloud storage activated",
    "region": "frankfurt",
    "action": true,
    "cycle": 7,
    "expirationTime": "2024-05-06"
  }
}
```

Field description:

| Field name | Type | Description |
|----------------|--------|---|
| isOpen | boole | Indicates whether to activate or not |
| msg | string | Explanation |
| region | string | Cloud storage area |
| cycle | int | Cycle period |
| action | boole | Whether it is activated or not. If the call is paused, the status is false. |
| expirationTime | string | Expiration time, this time is in days |

Obtain motion detection cloud storage authorization information

Request syntax:

```
POST /service/D004/license HTTP/1.1
AccessKey: n0***TyY
SecretKey: 6J***Y9
Content-Type: application/json; charset=utf-8
Connection: close
Content-Length: 2

{"target":"TEST123456ABCD"}
```

Request field:

| Field name | Type | Description |
|------------|--------|-------------|
| target | string | Device ID |

If the request is successful, the http request status code is 200, and a JSON string containing the following content is returned:

```
{
  "code": 0,
  "msg": "success",
  "data": {
    "license": "mHsZafq5pecuL***zLJoI09mWsN/LOagA==",
    "url": "***"
  }
}
```

Field description:

| Field name | Type | Description |
|------------|--------|--------------------------------|
| license | string | Authorization code |
| url | string | Cloud storage node API address |

Import these two parameters into the sdk to initialize the cloud storage playback business logic.

Query low-power cloud storage activation information

Request syntax:

```
POST /service/D015/info HTTP/1.1
AccessKey: n0***TyY
SecretKey: 6J***Y9
Content-Type: application/json; charset=utf-8
Connection: close
Content-Length: 2

{"target":"TEST123456ABCD"}
```

Request field:

| Field name | Type | Description |
|------------|--------|---|
| target | string | Device ID, object of activating the service |

If the request is successful, the http request status code is 200, and a JSON string containing the following content is returned:

```
{
  "code": 0,
  "msg": "success",
  "data": {
    "isOpen": true,
    "msg": "Cloud storage activated",
    "cycle": 30,
    "expirationTime": "2024-10-30"
  }
}
```

Field description:

| Field name | Type | Description |
|----------------|--------|--------------------------------------|
| isOpen | boole | Indicates whether to activate or not |
| msg | string | Explanation |
| cycle | int | Storage cycle of cloud storage |
| expirationTime | string | Cloud storage expiration time |