Heatzy-Gizwits API

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This document is based on the Gizwits Open API, specifying the way to use it in order to control a Heatzy product

Informations about the user

Heatzy_Application_Id : c70a66ff039d41b4a220e198b0fcc8b3
Product_Key Heatzy_Pilote : 9420ae048da545c88fc6274d204dd25f
AppSecret / ProductSecret : 949b3239e6a04c8c99100c6a73422233

X-Gizwits-User-token is the token given when register. You can obtain it by using GET / user/login

X-Gizwits-Timestamp is the timestamp at the moment you are giving the order and should not be more than 5min different from the server timestamp.

X-Gizwits-Signature : the calculation method is lower (md5(product_secret + timestamp)), timestamp need to be the same that X-Gizwits-Timestamp

Binding management

POST /app/bind_mac
Bind the device according to the MAC address

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'
'X-Gizwits-Timestamp: **Timestamp**'
'X-Gizwits-Signature: **Gizwits-Signature**'

→ **Body**
{
 "product_key": "string",
 "mac": "string"
 }

→ **URL**
https://euapi.gizwits.com/app/bind_mac

→ **Curl Command**
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-Timestamp: **Timestamp**' --header 'X-Gizwits-Signature: **Gizwits-Signature**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' --header 'X-Gizwits-User-token: **User_Token**' -d '{"product_key": "string", "mac": "string"}' 'https://euapi.gizwits.com/app/bind_mac'

→ Example returned value
```
{
  "product_key": "string",
  "did": "string",
  "mac": "string",
  "is_online": true,
  "passcode": "string",
  "host": "string",
  "port": 0,
  "port_s": 0,
  "ws_port": 0,
  "wss_port": 0,
  "remark": "string",
  "is_disabled": true,
  "type": "string",
  "dev_alias": "string",
  "proto_ver": "01"
}
```

DELETE /app/bindings
Unbind a product

→ Header
'Accept: application/json'
'Content-Type: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ Body
```
{
  "devices": [
    {
      "did": "string"
    }
  ]
}
```

→ URL
https://euapi.gizwits.com/app/bindings

→ Curl Command
curl -X DELETE --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{ "devices": [{ "did": "string" }] }' 'https://euapi.gizwits.com/app/bindings'

→ **Example returned value**
```
{
  "success": [
    "string"
  ],
  "failed": [
    "string"
  ]
}
```

GET /app/bindings

Get the binding list

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **URL**
https://euapi.gizwits.com/app/bindings?limit=20&skip=0

→ **Curl Command**
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' 'https://euapi.gizwits.com/app/bindings?limit=20&skip=0'

→ **Example returned value**
```
{
  "devices": [
    {
      "product_key": "string",
      "did": "string",
      "mac": "string",
      "is_online": true,
      "passcode": "string",
      "host": "string",
      "port": 0,
      "port_s": 0,
      "ws_port": 0,
      "wss_port": 0,
      "remark": "string",
      "is_disabled": true,
      "type": "string",
      "dev_alias": "string",
      "proto_ver": "01"
    }
  ]
}
```

PUT /app/bindings/{did}
Modify the binding information

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **Body**
{
  "remark": "string",
  "dev_alias": "string"
}

→ **URL**
https://euapi.gizwits.com/app/bindings/**{did}**

→ **Curl Command**
curl -X PUT --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{ "remark": "string", "dev_alias": "string" }' 'https://euapi.gizwits.com/app/bindings/**{did}**'

Timing task management

GET /app/devices/{did}/scheduler
Get timing task

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **URL**
https://euapi.gizwits.com/app/devices/**{did}**/scheduler?limit=20&skip=0

→ **Curl Command**
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' 'https://euapi.gizwits.com/app/devices/**{did}**/scheduler?limit=20&skip=0'

→ **Example returned value**
```
[
  {
    "attrs": {},
    "date": "2017-03-08",
    "time": "string",
    "repeat": "string",
    "days": [
      0
    ],
    "start_date": "2017-03-08",
    "end_date": "2017-03-08",
    "enabled": true,
    "remark": "string",
    "id": "string",
    "created_at": "string"
  }
]
```

POST /app/devices/{did}/scheduler
Create a scheduler task

→ **Header**
'Accept: application/json'
'Content-Type: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **Body**
```
{
  "attrs": {},
  "date": "2017-03-10",
  "time": "string",
  "repeat": "string",
  "days": [
    0
  ],
  "start_date": "2017-03-10",
  "end_date": "2017-03-10",
  "enabled": true,
  "remark": "string"
}
```

→ **URL**
https://euapi.gizwits.com/app/devices/**{did}**/scheduler

→ Curl Command
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{ "attrs": {}, "date": "2017-03-08", "time": "string", "repeat": "string", "days": [0], "start_date": "2017-03-08", "end_date": "2017-03-08", "enabled": true, "remark": "string" }' 'https://euapi.gizwits.com/app/devices/**{did}**/scheduler'

→ Exemple returned value
```
{
  "id": "string"
}
```

DELETE /app/devices/{did}/scheduler/{id}

→ Header
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ URL
https://euapi.gizwits.com/app/devices/**{did}**/scheduler/**{id}**

→ Curl Command
curl -X DELETE --header 'Accept: application/json' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' --header 'X-Gizwits-User-token: **User_Token**' 'https://euapi.gizwits.com/app/devices/**{did}**/scheduler/**{id}**'

PUT /app/devices/{did}/scheduler/{id}

→ Header
'Accept: application/json'
'Content-Type: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ URL
'https://euapi.gizwits.com/app/devices/**{did}**/scheduler/**{id}**'

→ Curl Command
curl -X PUT --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' --header 'X-Gizwits-User-token: **User_Token**' -d '{ "attrs": {}, "date": "2017-03-10", "time": "string", "repeat": "string", "days": [0], "start_date": "2017-03-10", "end_date": "2017-03-10", "enabled": true, "remark": "string" }' 'https://euapi.gizwits.com/app/devices/**{did}**/scheduler/**{id}**'

Device Monitoring

GET /app/devdata/{did}/latest
Get the latest status of the device

→ Header
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'

→ URL
https://euapi.gizwits.com/app/devdata/**{did}**/latest'

→ Curl Command
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-Application-Id:
Heatzy_Application_Id' 'https://euapi.gizwits.com/app/devdata/**{did}**/latest'

→ Example returned value :
```
{
  "did": "string",
  "updated_at": "string",
  "attr": {}
}
```

GET /app/datapoint
Get the product data point definition

→ Header
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'

→ URL
https://euapi.gizwits.com/app/datapoint?product_key=**Product_Key**

→ Curl Command
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-Application-Id:
Heatzy_Application_Id' 'https://euapi.gizwits.com/app/datapoint?
product_key=**Product_Key**'

→ Example returned value :
```
{
  "name": "string",
  "entities": [
    {
      "id": 0,
      "name": "string",
      "display_name": "string",
```

```
    "attrs": [
      {
        "id": 0,
        "name": "string",
        "display_name": "string",
        "desc": "string",
        "type": "W",
        "data_type": "bool",
        "uint_spec:": {
         "min": 0,
         "max": 0,
         "ratio": 0,
         "addition": 0
        },
        "enum": [
         "string"
        ],
        "position": {
         "bit_offset": 0,
         "len": 0,
         "unit": "bit",
         "byte_offset": 0
        }
      }
    ]
  }
],
"protocolType": "string",
"product_key": "string",
"packetVersion": "string",
"ui": {
  "object": {
   "version": 0,
   "showEditButton": true
  },
  "sections": [
    {
     "elements": [
       {
        "title": "string",
        "key": "string",
        "type": "QBooleanElement",
        "keyboardType": "NumbersAndPunctuation",
        "maxLength": 0,
        "items": [
          "string"
        ],
        "boolValue": true,
        "bind": "string",
        "maximumValue": 0,
```

```
      "minimumValue": 0,
       "value": 0,
        "object": {
         "action": "string",
          "bind": [
           "string"
          ],
          "perm": "W",
          "unit_spec": {
           "max": 0,
            "step": 0,
            "min": 0
          }
        }
      }
     ]
    }
   ]
  }
}
```

GET /app/devices/{did}
*G**et device details*

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **URL**
https://euapi.gizwits.com/app/devices/**{did}**

→ **Curl Command**
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-User-token:
User_Token' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' 'https://
euapi.gizwits.com/app/devices/**{did}**'

→ **Example returned value**
```
{
  "product_key": "string",
  "did": "string",
  "mac": "string",
  "is_online": true,
  "passcode": "string",
  "host": "string",
  "port": 0,
  "port_s": 0,
  "ws_port": 0,
  "wss_port": 0,
```

```
  "remark": "string",
  "is_disabled": true,
  "type": "string",
  "dev_alias": "string",
  "proto_ver": "01"
}
```

POST /app/control/{did}
Control the device status

→ **Header**
'Accept: application/json'
'Content-Type: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **Body**
```
{
  "raw": [mode]
}
```

The value for "raw" are :
• "raw": [1,1,0]→ Comfort Mode
• "raw": [1,1,1] → ECO mode
• "raw": [1,1,2] → Anti-Freeze mode
• "raw": [1,1,3] → OFF mode

→ **URL**
https://euapi.gizwits.com/app/control/{did}

→ **Curl Command**
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json'
--header 'X-Gizwits-User-token: **User_Token**' --header 'X-Gizwits-Application-Id:
Heatzy_Application_Id' -d '{"raw": [1,1,0]} ' 'https://euapi.gizwits.com/app/control/**{did}**'

User Management

GET /app/users
Get user information

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **URL**
https://euapi.gizwits.com/app/users

→ **Curl Command**
curl -X GET --header 'Accept: application/json' --header 'X-Gizwits-Application-Id:
Heatzy_Application_Id' --header 'X-Gizwits-User-token: **User_Token**' 'https://
euapi.gizwits.com/app/users'

POST /app/users
Create new user

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'

→ **Body**
{
  "username": "string",
  "password": "string",
  "lang": "en",
}

→ **URL**
https://euapi.gizwits.com/app/users

→ **Curl Command**
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json'
--header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{"username": "string",
"password": "string", "lang": "en",}' 'https://euapi.gizwits.com/app/users'

→ **Example returned value**
{
  "uid": "string",
  "token": "string",
  "expire_at": 0
}

PUT /app/users
Change Password: Enter old_pwd, new_pwd

→ **Header**
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'
'X-Gizwits-User-token: **User_Token**'

→ **Body**
{
  "username": "string",
  "password": "string",
  "old_pwd": "string",

```
   "new_pwd": "string",
   "lang": "en",
}
```

→ **URL**
https://euapi.gizwits.com/app/users

→ **Curl Command**
curl -X PUT --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' --header 'X-Gizwits-User-token: **User_Token**' -d '{ "username": "string", "password": "string", "old_pwd": "string", "new_pwd": "string", "lang": "en"}' 'https://euapi.gizwits.com/app/users'

POST /app/login
User login

→ **Header**
'Content-Type: application/json'
'Accept: application/json'
'X-Gizwits-Application-Id: **Heatzy_Application_Id**'

→ **Body**
```
{
   "username": "string",
   "password": "string",
   "lang": "en"
}
```

→ **URL**
https://euapi.gizwits.com/app/login

→ **Curl Command**
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json' --header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{ "username": "string", "password": "string", "lang": "en" }' 'https://euapi.gizwits.com/app/login'

→ **Example returned value**
```
{
   "uid": "string",
   "token": "string",
   "expire_at": 0
}
```

POST /app/reset_password
Send an email or a phone message to reset the user password

→ **Header**
'Content-Type: application/json'
'Accept: application/json'

'X-Gizwits-Application-Id: **Heatzy_Application_Id**'

→ **Body**
```
{
  "email": "string",
  "new_pwd": "string",
}
```

→ **URL**
https://euapi.gizwits.com/app/reset_password

→ **Curl Command**
curl -X POST --header 'Content-Type: application/json' --header 'Accept: application/json'
--header 'X-Gizwits-Application-Id: **Heatzy_Application_Id**' -d '{"email": "string",
"new_pwd": "string"}' 'https://euapi.gizwits.com/app/reset_password'