

환경센서 앱 API 문서

API 테스트 접속주소

- [링크](#)

daesung			^
GET	/api/deasung/device/	디바이스 조회	✓ 🔒
POST	/api/deasung/device/	디바이스 생성	✓ 🔒
GET	/api/deasung/plasma/	플라즈마 조회	✓ 🔒
POST	/api/deasung/plasma/	플라즈마 수정	✓ 🔒
GET	/api/deasung/sensor/	센서 조회	✓ 🔒
POST	/api/deasung/sensor/	센서 수정	✓ 🔒

API 설명

Base URL : <https://plasmaapi.smarthive.work/api/dasung/>

참고사항

P OST는 token을 같이 입력해 주셔야 합니다-

token은 메일에 있는 token 명을 그대로 사용하시면 됩니다

1. device (장치)

1-1. 디바이스 조회

URL : Base URL + device

METHOD : GET

params

- macAdd : string

response

- ok : boolean
- data : Device
- message: string

1-2. 디바이스 생성

URL : Base URL + device

METHOD : POST

params

- token : string
- macAdd : string
- ip : string
- farm : number(pk)
- username: string

response

- ok : boolean
- data : Device
- message: string

2. Plasma

2-1. 플라즈마 조회

URL : Base URL + plasma

METHOD : GET

params

- macAdd : string

response

- ok : boolean
- data : Plasma
- message: string

2-2. 플라즈마 수정

URL : Base URL + plasma

METHOD : POST

params

- token : string
- macAdd : string
- 수정할 키 : 값

response

- ok : boolean
- data : Plasma
- message: string

3. Sensor

3-1. 센서 조회

URL : Base URL + sensor

METHOD : GET

params

- macAdd : string

response

- ok : boolean
- data : Sensor
- message: string

3-2. 센서 수정

URL : Base URL + sensor

METHOD : POST

params

- token : string
- macAdd : string
- 수정할 키 : 값

response

- ok : boolean
- data : Sensor
- message: string

테스트 이미지

1. device (GET)

- request

The screenshot shows a REST client interface with a GET request to `/api/deasung/device/`. The parameter `macAdd` is set to `test`. The interface includes a 'Parameters' tab, a 'Cancel' button, and 'Execute' and 'Clear' buttons at the bottom.

Name	Description
macAdd required	맥 어드레스
string (query)	<input type="text" value="test"/>

- response

The screenshot shows the response of the GET request. The status code is 200. The response body is a JSON object containing device information. The response headers are also visible.

Responses

Curl

```
curl -X 'GET' \
  'https://plasmaapi.smarthive.work/api/deasung/device/?macAdd=test' \
  -H 'accept: application/json'
```

Request URL

```
https://plasmaapi.smarthive.work/api/deasung/device/?macAdd=test
```

Server response

Code 200 **Details**

Response body

```
{
  "ok": true,
  "data": {
    "id": 3,
    "farm": 1,
    "type": true,
    "macAdd": "test",
    "ip": "127.0.0.1",
    "created_at": "2022-08-23T14:42:44.058682",
    "updated_at": "2022-08-23T14:42:44.058669",
    "plasma": {
      "device": 3,
      "created_at": "2022-08-23T14:42:44.059642",
      "updated_at": "2022-08-23T14:43:52.216798",
      "STATUS_R": false,
      "STATUS_F": false,
      "STATUS_H": false,
      "A_S_H": 0,
      "A_S_M": 0,
      "A_E_H": 0,
      "A_E_M": 0,
      "P_S_H": 0,
      "P_S_M": 0,
      "P_E_H": 0,
      "P_E_M": 0
    }
  }
}
```

Response headers

```
allow: GET,POST,HEAD,OPTIONS
connection: keep-alive
content-length: 791
content-type: application/json
cross-origin-opener-policy: same-origin
date: Tue, 23 Aug 2022 06:24:01 GMT
referrer-policy: same-origin
server: nginx/1.15.8
vary: Accept,Origin,Cookie
x-content-type-options: nosniff
x-frame-options: DENY
```

Responses

2. device (POST)

- request

POST /api/deasung/device/ 디바이스 생성

Parameters Cancel Reset

No parameters

Request body required application/json

```
{
  "token": "safemotion",
  "macAdd": "test",
  "ip": "127.0.0.1",
  "farm": 1,
  "username": "safemotion"
}
```

Execute

- response

Responses

Curl

```
curl -X 'POST' \
  'https://plasmaapi.smarthive.work/api/deasung/device/' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -H 'X-CSRFToken: 1JtMxnWnyThCLwbb50HKCCw4ed8NZMXFplrIDRczrbXezP5re1n7ipYPUVs8k2xU' \
  -d '{
    "token": "safemotion",
    "macAdd": "abe",
    "ip": "127.0.0.2",
    "farm": 1,
    "username": "safemotion"
  }'
```

Request URL

https://plasmaapi.smarthive.work/api/deasung/device/

Server response

Code	Details
201	Response body

201
Undocumented

```
{
  "ok": true,
  "data": {
    "id": 5,
    "farm": 1,
    "type": true,
    "macAdd": "abe",
    "ip": "10.0.0.4",
    "created_at": "2022-08-23T15:41:32.236306",
    "updated_at": "2022-08-23T15:41:32.236288",
    "plasma": {
      "device": 5,
      "created_at": "2022-08-23T15:41:32.240500",
      "updated_at": "2022-08-23T15:41:32.240514",
      "STATUS_R": true,
      "STATUS_F": false,
      "STATUS_H": false,
      "A_S_H": 0,
      "A_S_M": 0,
      "A_E_H": 0,
      "A_E_M": 0,
      "P_S_H": 0,
      "P_S_M": 0,
      "P_E_H": 0,
      "P_E_M": 0
    }
  }
}
```

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3. plasma (GET)

- request

GET

/api/deasung/plasma/ 플라즈마 조회

⌵ 🔒

Parameters

Cancel

Name	Description
macAdd required	맥 어드레스
string (query)	<input type="text" value="test"/>

Execute

Clear

- response

Responses

Curl

curl -X 'GET' \ 'https://plasmaapi.smarthive.work/api/deasung/plasma/?macAdd=test' \ -H 'accept: application/json'

Request URL

https://plasmaapi.smarthive.work/api/deasung/plasma/?macAdd=test

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "ok": true, "data": { "device": 3, "created_at": "2022-08-23T14:42:44.059642", "updated_at": "2022-08-23T14:43:52.216798", "STATUS_R": false, "STATUS_F": false, "STATUS_H": false, "A_S_H": 0, "A_S_M": 0, "A_E_H": 0, "A_E_M": 0, "P_S_H": 0, "P_S_M": 0, "P_E_H": 0, "P_E_M": 0, "T_ON": 0, "T_OFF": 0, "P_D": 0, "P_T": 0, "S_CO2": 0, "S_NH3": 0, "S_H2S": 0, "H_T": 0 } }</pre></div><div><div>Download</div></div></div>

Response headers

```
allow: GET,POST,HEAD,OPTIONS
connection: keep-alive
content-length: 412
content-type: application/json
cross-origin-opener-policy: same-origin
date: Tue, 23 Aug 2022 06:41:58 GMT
referrer-policy: same-origin
server: nginx/1.15.8
vary: Accept,Origin,Cookie
x-content-type-options: nosniff
x-frame-options: DENY
```


4. plasma (POST)

- request

POST

/api/deasung/plasma/ 플라즈마 수정

Cancel

Reset

Parameters

No parameters

Request body required

application/json

```
{  "token": "safemotion",  "macAdd": "test",  "H_T": 2}
```

Execute

Clear

- response

Responses

Curl

```
curl -X 'POST' \  'https://plasmaapi.smarthive.work/api/deasung/plasma/' \  -H 'accept: application/json' \  -H 'Content-Type: application/json' \  -H 'X-CSRFToken: 1JtMbnWnyThCLwbb50HKCCw4ed8NZMXFplrIDRczrbXezPSreIn7ipYPUVs8k2xU' \  -d '{  "token": "safemotion",  "macAdd": "test",  "H_T": 2  }'
```

Request URL

```
https://plasmaapi.smarthive.work/api/deasung/plasma/
```

Server response

Code

Details

206

undocumented

Response body

```
{  "ok": true,  "data": {    "device": 3,    "created_at": "2022-08-23T14:42:44.059642",    "updated_at": "2022-08-23T15:42:54.170627",    "STATUS_R": false,    "STATUS_F": false,    "STATUS_H": false,    "A_S_H": 0,    "A_S_M": 0,    "A_E_H": 0,    "A_E_M": 0,    "P_S_H": 0,    "P_S_M": 0,    "P_E_H": 0,    "P_E_M": 0,    "T_ON": 0,    "T_OFF": 0,    "P_D": 0,    "P_T": 0,    "S_CO2": 0,    "S_NH3": 0,    "S_H2S": 0,    "H_T": 2  }}
```

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5. sensor (GET)

- request

GET

/api/deasung/sensor/ 센서 조회

Parameters

Cancel

Name	Description
macAdd <small>required</small>	맥 어드레스
string (query)	<input type="text" value="test"/>

Execute

Clear

- response

Responses

Curl

```
curl -X 'GET' \
  'https://plasmaapi.smarthive.work/api/deasung/sensor/?macAdd=test' \
  -H 'accept: application/json'
```

Request URL

```
https://plasmaapi.smarthive.work/api/deasung/sensor/?macAdd=test
```

Server response

Code	Details
200	<div><div>Response body</div><div><pre>{ "ok": true, "data": { "device": 3, "created_at": "2022-08-23T14:58:12.927285", "updated_at": "2022-08-23T14:58:12.939274", "MD_ID": "", "MESURE_DT": "2022-08-23T14:44:22.148218", "TMPR": 5, "HMDT": 0, "CD": 0, "AMN": 0, "HYD_SLF": 0, "CO2": 0, "MTHN": 0, "VOCS": 0 }, "message": "센서 정보를 호출하였습니다" }</pre></div><div> <div>Download</div></div></div>

Response headers

```
allow: GET,POST,HEAD,OPTIONS
connection: keep-alive
content-length: 289
content-type: application/json
cross-origin-opener-policy: same-origin
date: Tue, 23 Aug 2022 06:43:17 GMT
referrer-policy: same-origin
server: nginx/1.15.8
vary: Accept,Origin,Cookie
x-content-type-options: nosniff
x-frame-options: DENY
```

6. sensor (POST)

- request

POST /api/deasung/sensor/ 센서 수정

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{  "token": "safemotion",  "macAdd": "test",  "TMPR": 2}
```

Execute

Clear

- response

Responses

Curl

```
curl -X 'POST' \
  'https://plasmaapi.smarthive.work/api/deasung/sensor/' \
  -H 'accept: application/json' \
  -H 'Content-Type: application/json' \
  -H 'X-CSRFToken: 1JtMxnWnyThCLwbb50HKCCw4ed8NZMXFplrIDRczrbXezPSreIn7ipYPUVs8k2xU' \
  -d '{
    "token": "safemotion",
    "macAdd": "test",
    "TMPR": 2
  }'
```

Request URL

https://plasmaapi.smarthive.work/api/deasung/sensor/

Server response

Code

Details

206

Undocumented

Response body

```
{  "ok": true,  "data": {    "device": 3,    "created_at": "2022-08-23T14:58:12.927285",    "updated_at": "2022-08-23T15:43:59.974422",    "MD_ID": "",    "MEASURE_DT": "2022-08-23T15:43:59.974430",    "TMPR": 2,    "HMDT": 0,    "CD": 0,    "AMN": 0,    "HYD_SLF": 0,    "CO2": 0,    "MTHN": 0,    "VOCs": 0  },  "message": "센서 정보 수정 성공하였습니다"}
```

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