

Record/Sensor/JSON API

Request

HTTP request

```
POST https://iot.fenri.com.tw/api/v1/Record/Sensor/JSON
```

Request body

Parameter	Value	Description
device_uuid	string	device UUID
		RFC3339
start_time	string	ex. "2021-09-21T02:19:00+04:00","2023-11-21T02:19:00Z"
		WARNING should not exceed 90 days
		RFC3339
end_time	string	ex. "2021-09-21T02:19:00+04:00","2023-11-21T02:19:00Z"
		WARNING should not exceed 90 days
time_zone	string	ex. "+00:00","+04:00","+08:00","-07:00"

Response

Parameter	Value	Description
success	bool	Indicates whether the request was successful
message	string	Message or error information
data	objects (JSON)	records
record		
Parameter	Value	Description
device_id	string	device ID
		RFC3339
datetime	string	ex. "2021-09-21T02:19:00+08:00","2023-11-21T02:19:00Z"

record		
Parameter	Value	Description
pH	string	pH data value after calibration
		"10": "normal"
pH_status	string	"11": "alarm"
		"20": "maintain"
EC	string	EC data value after calibration
		"10": "normal"
EC_status	string	"11": "alarm"
		"20": "maintain"
COD	string	COD data value after calibration
		"10": "normal"
COD_status	string	"11": "alarm"
		"20": "maintain"
turbidity	string	Turbidity data value after calibration
		"10": "normal"
turbidity_status	string	"11": "alarm"
		"20": "maintain"
temp	string	temp data value after calibration
		"10": "normal"
temp_status	string	"11": "alarm"
		"20": "maintain"

example

Status 200

Request body

```
{
  "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
```

```
"start_time": "2024-05-09T00:00:00+04:00",
"end_time": "2024-05-10T15:00:00+04:00",
"time_zone": "+04:00"
}
```

Response

```
{
  "data": [
    {
      "COD": "9.560000",
      "COD_status": "10",
      "EC": "842.540000",
      "EC_status": "10",
      "datetime": "2024-05-09T06:12:35+04:00",
      "device_id": "FCM_113002",
      "pH": "7.730000",
      "pH_status": "20",
      "temp": "31.010000",
      "temp_status": "10",
      "turbidity": "55.640000",
      "turbidity_status": "10",
    },
    {
      "COD": "9.420000",
      "COD_status": "10",
      "EC": "843.290000",
      "EC_status": "10",
      "datetime": "2024-05-09T06:17:22+04:00",
      "device_id": "FCM_113002",
      "pH": "7.700000",
      "pH_status": "20",
      "temp": "31.040000",
      "temp_status": "10",
      "turbidity": "59.960000",
      "turbidity_status": "10",
    },
    {
      "COD": "9.220000",
      "COD_status": "10",
      "EC": "841.440000",
      "EC_status": "10",
      "datetime": "2024-05-09T06:22:09+04:00",
      "device_id": "FCM_113002",
      "pH": "7.710000",
      "pH_status": "20",
      "temp": "31.050000",
      "temp_status": "10",
      "turbidity": "57.340000",
      "turbidity_status": "10",
    },
    ...
  ]
}
```

```
],  
  "message": "success",  
  "success": true  
}
```

Status 400

```
{  
  "data": null,  
  "message": "param error",  
  "success": false  
}
```

Status 503

```
{  
  "data": null,  
  "message": "query fail",  
  "success": false  
}
```