Record/Device/Sensor/JSON API

Request

HTTP request

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

Request body

Parameter	Value	Description
device_uuid	string	device UUID
start_time	string	RFC3339 ex. "2021-09-21T02:19:00+04:00","2023-11-21T02:19:00Z" **WARNING** should not exceed 90 days
end_time	string	RFC3339 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
station_id	string	station ID
station_latitude	string	latitude
station_longitude	string	longitude

record		
Parameter	**Value**	**Description**
datetime	string	RFC3339 ex. "2021-09-21T02:19:00+08:00","2023-11-21T02:19:00Z"
pH	string	pH data value after calibration
pH_status	string	"10":"normal" "11":"alarm" "20":"maintain"
EC	string	EC data value after calibration
EC_status	string	"10":"normal" "11":"alarm" "20":"maintain"
COD	string	COD data value after calibration
COD_status	string	"10":"normal" "11":"alarm" "20":"maintain"
turbidity	string	Turbidity data value after calibration
turbidity_status	string	"10":"normal" "11":"alarm" "20":"maintain"
temp	string	temp data value after calibration
temp_status	string	"10":"normal" "11":"alarm" "20":"maintain"

example

Status 200

Request body

```json
{
  "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

```json
{
  "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",
        "station_id": "M6288",
        "station_latitude": "25.152193",
        "station_longitude": "55.192988",
        "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",
        "station_id": "M6288",
        "station_latitude": "25.152193",
        "station_longitude": "55.192988",
        "temp": "31.040000",
        "temp_status": "10",
        "turbidity": "59.960000",
        "turbidity_status": "10",
    },
    {
        "COD": "9.220000",
        "COD_status": "10",
```

```json
        "EC": "841.440000",
        "EC_status": "10",
        "datetime": "2024-05-09T06:22:09+04:00",
        "device_id": "FCM_113002",
        "pH": "7.710000",
        "pH_status": "20",
        "station_id": "M6288",
        "station_latitude": "25.152193",
        "station_longitude": "55.192988",
        "temp": "31.050000",
        "temp_status": "10",
        "turbidity": "57.340000",
        "turbidity_status": "10",
      },...
    ],
    "message": "success",
    "success": true
}
```

Status 400

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

Status 503

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