

# Record API

## Request

HTTP request

```
POST https://iot.fenri.com.tw/api/v1/XXXXXXXXXX
```

### 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"
		<b>**WARNING**</b> should not exceed 90 days
		RFC3339
end_time	string	ex. "2021-09-21T02:19:00+04:00","2023-11-21T02:19:00Z"
		<b>**WARNING**</b> 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_uuid	string	device UUID
physical_quantity_uuid	string	physical quantity UUID

record		
Parameter	Value	Description
		RFC3339
datetime	string	ex. "2021-09-21T02:19:00+08:00","2023-11-21T02:19:00Z"
value	number	Data value after calibration
data	number	Data from device
		"10":"normal"
status	string	"11":"alarm"
		"20":"maintain"

example

Status 200

Request body

```
{
  "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
  "start_time": "2024-05-08T05:00:00+04:00",
  "end_time": "2024-05-08T07:00:00+04:00",
  "time_zone": "+04:00"
}
```

Response

```
{
  "data": [
    {
      "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
      "physical_quantity_uuid": "9019c4e1-e40d-4e77-b69e-87f70c4de96d",
      "datetime": "2024-05-08T06:15:37+04:00",
      "value": 60.71,
      "data": 60.71,
      "status": "10"
    },
    {
      "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
      "physical_quantity_uuid": "184c9a57-65bc-4271-97d6-b983431e511e",
      "datetime": "2024-05-08T06:15:37+04:00",
      "value": 0,

```

```
    "data": 0,
    "status": "11"
  },
  {
    "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
    "physical_quantity_uuid": "8df500a9-41b8-4aa0-b072-2fa2313f9677",
    "datetime": "2024-05-08T06:15:37+04:00",
    "value": 821.28,
    "data": 821.28,
    "status": "10"
  },
  {
    "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
    "physical_quantity_uuid": "a03598ab-8b1a-48ec-8ecf-d1e7838127df",
    "datetime": "2024-05-08T06:15:37+04:00",
    "value": 85.75,
    "data": 23.86,
    "status": "10"
  },
  {
    "device_uuid": "f52132d2-8a8f-4acc-afbd-6ec556b12182",
    "physical_quantity_uuid": "675a68b9-e5f2-4b25-9ddb-d73cfb4c2d6a",
    "datetime": "2024-05-08T06:15:37+04:00",
    "value": 31,
    "data": 31,
    "status": "10"
  },...
],
"message": "success",
"success": true
}
```

---

## Status 400

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

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## Status 503

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

