

# THERMOTRACK-WEBSERVE API

## API KEY

You will need an API Key to access data. This key is a personal key for each Thermotrack-Webserve account. Anyone having this key and the present manual will have access to your data

Contact [thermotrack@proges.com](mailto:thermotrack@proges.com) to get your personal key

## FORMATS

Each Method will provide data either on XML or on JSON Format.

You will specify in the parameters how you wish Thermotrack Webserve to return data

## GET – POST METHODS

Both GET and POST methods are possible

You need to enter your choice in the URL in the beginning of your scripts

- Get: [https://www.thermotrack-webserve.com/API/get\\_api.php](https://www.thermotrack-webserve.com/API/get_api.php)
- Post: [https://www.thermotrack-webserve.com/API/post\\_api.php](https://www.thermotrack-webserve.com/API/post_api.php)

*Note: GET method will show you API key and parameters in the URL so might not be safe.*

*The following examples will however use the GET method so it is clearer for you*

## AVAILABLE METHODS

The following data are available.

- Equip\_List : List of items under surveillance
- Equip\_Data : Data of an item for a specific period

Additional data is possible upon request.

Contact [thermotrack@proges.com](mailto:thermotrack@proges.com)

## EQUIP\_LIST

This method will return the list of all your items (sensors) with their unique ID. That ID will be needed to get data from a specific sensor

### PARAMETERS

- method : is the name of the method (equip\_list)
- api\_key : is you API Key
- format : is the preferred format for returned data (json or xml)

### EXAMPLE:

[https://www.thermotrack-webserve.com/API/get\\_api.php?method=equip\\_list&api\\_key=0d65-fbbb5da&format=xml](https://www.thermotrack-webserve.com/API/get_api.php?method=equip_list&api_key=0d65-fbbb5da&format=xml)

### RESULT

Result will return

- IDEquipment : Unique ID of your Item
- EquipmentName : Name of your Item

```
–<Detail-Response>
  <status>true</status>
  <method>equip_list</method>
  –<data>
    –<Equipment>
      <IDEquipment>5801</IDEquipment>
      <EquipmentName>Sigfox-Sensor</EquipmentName>
    </Equipment>
    –<Equipment>
      <IDEquipment>5890</IDEquipment>
      <EquipmentName>Pressure-Sensor</EquipmentName>
    </Equipment>
  +<Equipment></Equipment>
  +<Equipment></Equipment>
```

## EQUIP\_DATA

This method will return measured values for a specific Item and a specific period.

Note: It will return the first thousand values

### PARAMETRES:

- `api_key` : is your API key
- `equip_id` : Is the unique ID of the Item or Sensor you want the data
- `date_start` : is the start date of the period (YYYY-MM-DD)
- `date_end` : is the end date of the period (YYYY-MM-DD)
- `format` : is the format you want (json or xml)

### EXAMPLE:

[https://www.thermotrack-webserve.com/API/get\\_api.php?method=equip\\_data&api\\_key=0d65-fbbb5da&equip\\_id=6128&date\\_start=2020-01-01&date\\_end=2020-01-03&format=xml](https://www.thermotrack-webserve.com/API/get_api.php?method=equip_data&api_key=0d65-fbbb5da&equip_id=6128&date_start=2020-01-01&date_end=2020-01-03&format=xml)

### RESULT

The result is a list with the 1000 first records of the period

- `Total Record`: Number of data point for this period
- `Date-time` (format YYYY-MM-DD HH:MM:SS)
- `Measure` : Primary value (Temperature in case of a Temperature a humidity sensor)
- `MeasureHum` : Humidity Value (null if that Item has no humidity sensor)

```
<Detail-Response>
  <status>true</status>
  <method>equip_data</method>
  <totalrecords>358</totalrecords>
  <data>
    <Record>
      <DateTime>2020-01-01 00:03:00</DateTime>
      <Measure>6.1</Measure>
      <MeasureHum>null</MeasureHum>
    </Record>
    <Record>
      <DateTime>2020-01-01 00:13:00</DateTime>
      <Measure>5.9</Measure>
      <MeasureHum>null</MeasureHum>
    </Record>
    <Record>
      <DateTime>2020-01-01 00:23:00</DateTime>
      <Measure>6</Measure>
      <MeasureHum>null</MeasureHum>
    </Record>
    <Record>
      <DateTime>2020-01-01 00:33:00</DateTime>
      <Measure>6.2</Measure>
      <MeasureHum>null</MeasureHum>
    </Record>
  </data>
</Detail-Response>
```