

# PEOPLE TALLY COUNTER – API SERVICE TECHNICAL MANUAL



The API Service of People Tally Counter allows to get data from counts stored in the remote database by an HTTP call (method: GET) to the web server.

## HTTP REQUEST

### URL

`http://api.peopletallycounter.com/get/user/device/range`

### PARAMETERS

#### **user**

The email address used to sign up to the People Tally Counter website.

Example: `info@sosidee.com`

#### **device**

The code of the device whose data are to be requested.

Example: `RW0123456789`

#### **range** (optional)

Hyphen ('-') separated initial and final date/time values.

The valid format is a "YYYYMMDDhhmmss" string.

Note: interval extremities are included.

Examples:

<code>20160106120000-20160106125959</code>	(hour: 12 of 6 January 2016)
<code>20160101000000-20160131235959</code>	(month: January of 2016)
<code>20160208100000</code>	(from 10:00:00 of 8 February 2016 on)
<code>-20160208095959</code>	(up to 9:59:59 of 8 February 2016)

Full examples:

`api.peopletallycounter.com/get/info@bar.com/foo/20160401000000-20160401235959`  
*gets the data from the device coded "foo" of the user with account email "info@bar.com" detected the 1th of April 2016*

`api.peopletallycounter.com/get/info@bar.com/foo`  
*gets all the data from the device coded "foo" of the user with account email "info@bar.com"*

# HTTP RESPONSE

## HEADER

If the request has been correctly processed (status code = 200), the response HEADER contains the field:

Content-Type: application/json;charset=utf-8

## BODY

The body is a JSON formatted string of type:

- Status: state of the response
- Data: returned values

Status:

1	ok
-1	generic problem
-3	user email not valid
-5	device code not valid
-7	date/time interval not valid
-9	user not authorized

Data: array of objects

- Timestamp: value formatted as "YYYY-MM-DD hh:mm:ss"
- Value: number formatted as "n.d" (1 decimal digit)

*Example* \*:

```
{
  "Status": 1,
  "Data": [ {
    "Timestamp": "2015-07-09 11:00:00",
    "Value": "123.0"
  }, {
    "Timestamp": "2015-07-09 12:00:00",
    "Value": "181.5"
  }
]
```

*\* formatted adding spaces, tabulations and paragraphs for reasons of clarity.*