

Cambrionix API

The Cambrionix API is used to control Cambrionix products. The Cambrionix API is locally installed and is called the 'CambrionixApiService'. This provides a programming interface to control all smart Cambrionix units.

The Cambrionix API will allow scripts to be written using the programming language of your choice to connect directly to the API service over a standard TCP/IP socket and send and receive JSON formatted data. When the API is used to communicate with a remote network attached hub, this is done over an SSH tunnel.

The Cambrionix API supports multiple simultaneous client connections to itself and supports concurrent access to all available hubs.

The Cambrionix API is a service called "CambrionixApiService", which sits between the application and the Cambrionix units. It maps the properties of the Cambrionix units into API commands

More information can be found by visiting our website and downloading the product user manual.
www.cambrionix.com/product-user-manuals

Key Features

Battery Health	Check battery health and device charging performance.
Battery Capacity	Check devices battery capacity to receive and hold a charge.
Monitor	Monitor speed of control and easily switch between charge and sync.
Numbers	Check mobile devices IMEI, OS version, manufacturer and more.

Example

Example JSON-RPC request:

```
{
  "jsonrpc": "2.0",
  "id": 0,
  "method": "cbrx_find",
  "params": [
    "i(Phone|Pad)"
  ]
}
```

Example successful response

```
{
  "jsonrpc": "2.0",
  "id": 0,
  "result": {
    "974a9d1e6848316264a8a9d8b094b7d5e63a7ae5": {
      "HostDevice": "60003",
      "HostPort": 2,
      "HostDescription": "TS3-C10",
      "Device": {
        "VID": 1452,
        "PID": 4779,
        "Manufacturer": "Apple Inc.",
        "Description": "iPad",
        "SerialNumber": "974a9d1e6848316264a8a9d8b094b7d5e63a7ae5",
        ....
      }
    }
  }
}
```

More information and examples for the Cambrionix API can be found in the User Manual which can be downloaded from the following link.

<https://downloads.cambrionix.com/documentation/en/API-User-Manual.pdf>

