

Introduction

A new iParcelBox feature has been added, allowing customers to monitor and control their iParcelBox over a local network using secure API calls.

In order to use the local API, you will need:

- An iParcelBox Premium Subscription
- The Serial Number of your device
- Your iParcelBox Device Password (from the setup instructions sticker in the instructions manual)

Note: In order to use the API on your device, please contact support@iparcelbox.com. We will need to make a one-time manual update to your firmware to enable the functionality below.

Structure of API calls

Option A: Browser

Using Safari or Chrome, browse to [https://iparcelbox-\[SerialNo\]/rpc/\[Command\]](https://iparcelbox-[SerialNo]/rpc/[Command]),

[SerialNo] is the Serial Number of your device, printed on the iParcelBox Setup Instructions sticker inside the Instruction booklet that came with your device.

You will be asked to authenticate, details as follows:

Username: api

Password: as printed on the Setup Instructions sticker inside the instruction booklet

Option B: Curl

If you don't have the curl utility installed on your machine, you can download it for free from <http://curl.haxx.se>.

```
curl --digest --user api:[password] --request GET https://iParcelBox-[SerialNo]/rpc/[Command] -k
```

Available Commands

The above structure can be used to call the following commands:

- getStatus
- allowDelivery
- emptyBox
- lockbox

Example getStatus response

```
{
  "result":true,
  "message":"OK",
  "licence":"trialing",
  "data": {
    "connected":true,
    "routerSSID":"XXXXXX",
    "routerRSSI":84,
    "boxStatus":"Locked",
    "parcelCount":0,
    "lockStatus":"unlocked",
    "lidStatus":"closed",
    "lastOpened":"17:26:09 17/10/2020"
  }
}
```

Notifications

You can set the webhook address directly using a local API command, e.g.:

```
curl --digest --user api:[Password] --request GET https://iParcelBox-[SerialNo]/rpc/setWebhook -d '{"url":"https://yoururl"}' -k
```

If a webhook is set using the 'setWebhook' command above, all events and notifications will also be sent to the provided webhook as an HTTP POST command.