Developer API - Quick Start

English | API v1 | Swagger and Postman | Customer guide

Use the Developer API to discover documented ThingsCommute endpoints and build applications against data your account is authorized to access.

Before you begin

You need a ThingsCommute account with access to the relevant farms or devices. Sign in to the web application first and confirm the data is visible to your account. Access to an API endpoint does not grant access to other users' data.

1. Obtain your JWT access token

In Postman create a POST request to the following URL. Select Body > raw > JSON and send your ThingsCommute username and password:

```
https://api.thingscommute.net/api/v1/auth/token/
```

```
{"username":"YOUR_USERNAME","password":"YOUR_PASSWORD"}
```

A successful response (HTTP 200) includes access and refresh. Copy the access value only. Do not use the refresh token for API calls.

2. Authenticate in Postman

Open the request you want to make. In Authorization, choose Bearer Token and paste only the access token, without quotes or the word Bearer. Add Accept: application/json under Headers. Postman will send the correct authorization header.

```
Authorization: Bearer YOUR_ACCESS_TOKEN
Accept: application/json
```

Alternative: Swagger in your browser

Open https://api.thingscommute.net/api/docs/. Under auth, execute POST /api/v1/auth/token/; copy the access token from the response body. Click Authorize > jwtAuth, paste the token without Bearer, then click Authorize and Close.

3. Make your first API request

In Swagger expand devices > GET /api/v1/devices/, select Try it out and Execute. In Postman use GET:

```
https://api.thingscommute.net/api/v1/devices/
```

HTTP 200 returns JSON describing devices available to your account. Typical fields may include id, name, vendor, model, type, category and analytics_type. The actual fields and results depend on your account.

4. Discover additional resources

Explore the farms, soil, environment, livestock, assets, BLE, farm overview and irrigation categories in Swagger. Always consult the displayed HTTP method, required parameters and response schema; not every operation is available to every account.

Documentation: https://api.thingscommute.net/api/docs/

Common errors

Status	What it means / next step
200 OK	Request succeeded; inspect the JSON response.
400 Bad Request	Check required fields, JSON syntax and parameters.
401 Unauthorized	Access token missing, invalid or expired; authenticate again.
403 Forbidden	Your account lacks permission for this operation.
404 Not Found	Check the URL and resource; an inaccessible account-scoped stream may also return 404.
429 Too Many Requests	Rate limit reached; wait before retrying.

Security and support

Never publish passwords, JWTs, refresh tokens or authorization headers. Use HTTPS. Tokens expire; request a new access token when needed. When contacting support, share the endpoint, HTTP status and a redacted response, not credentials.

Reference: ThingsCommute Developer API Quick Start, API v1.0.0. Check live Swagger for the current endpoint schema.