

iteQ Living

Tuya Device ID & Local Key

Windows Setup Guide

6 October 2026

A separate companion to the Tuya Curtains & Blinds driver help. This guide covers the original third-party tool, which needs Python. A packaged Windows executable is not currently provided.

Before you start

Have a Windows computer, internet access and the phone app/account containing your motor. GitHub supplies the source files; downloading its ZIP does not install the tool. No GitHub account is needed.

Device ID identifies the motor. Local Key permits local communication. Neither is your purchased driver licence key. Existing working driver settings do not need changing to follow this guide.

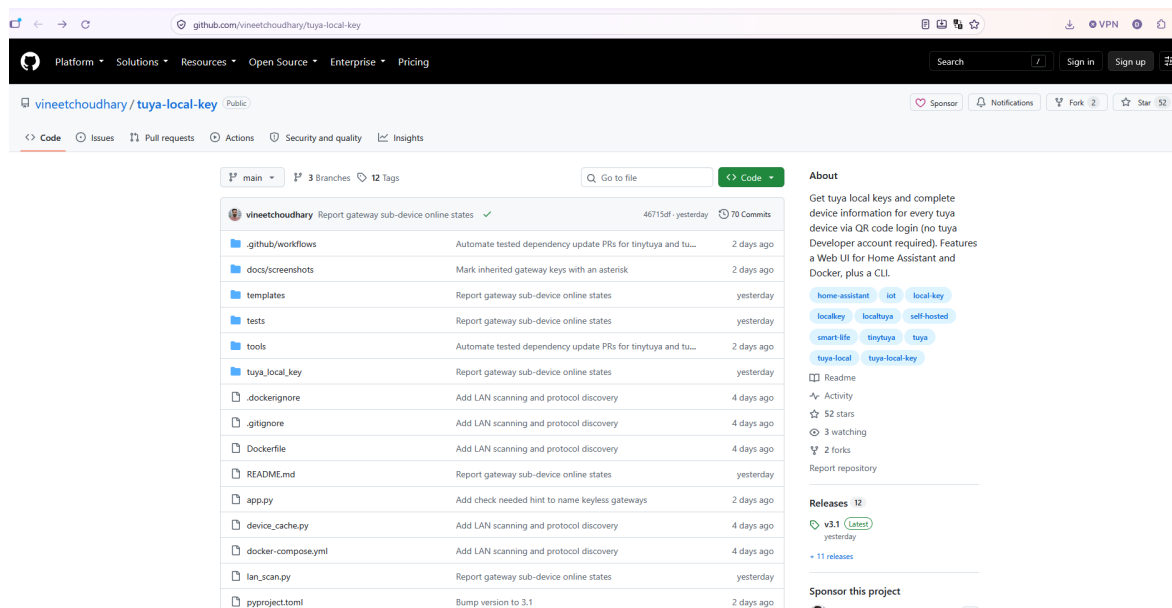
The walkthrough was completed using Python 3.13.16 and Tuya Local Key 3.1.0. Menus and downloads may change. The screenshots are examples from that walkthrough.

Original project: github.com/vineetchoudhary/tuya-local-key

Support: support@iteqliving.com

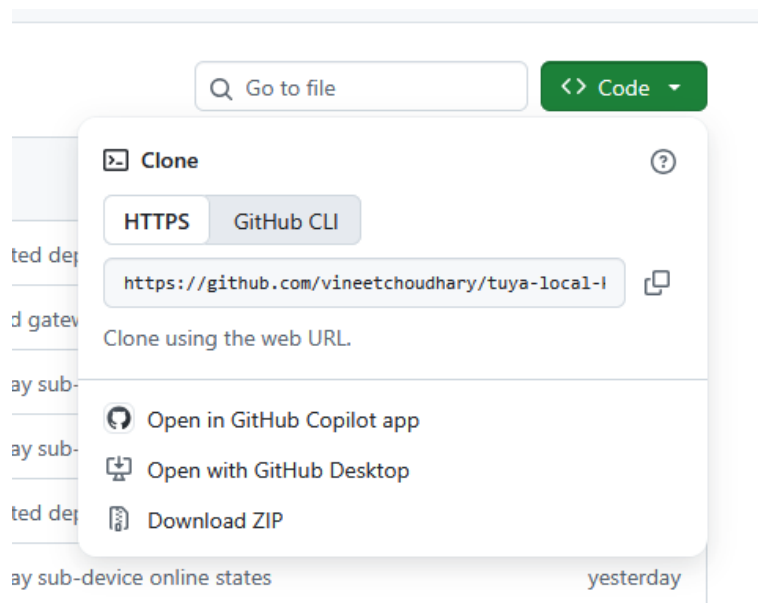
1. Open the download menu

Open the **Tuya Local Key** project. Click the green **Code** button above the file list, towards the right.



2. Choose Download ZIP

In the menu shown below, click **Download ZIP** at the bottom. Leave the other options alone.



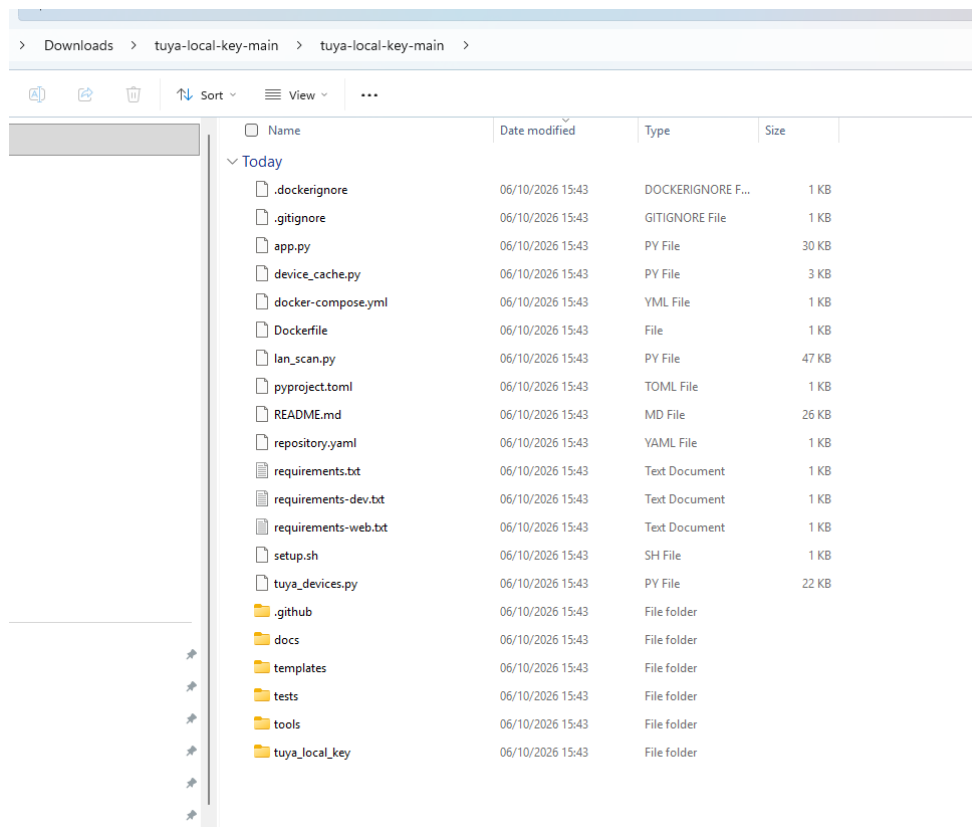
3. Extract the downloaded files

Open your Windows **Downloads** folder. Right-click the ZIP you just downloaded, choose **Extract All...**, then click **Extract**.

This unpacks the files. It does not install or start the tool yet.

4. Check you are inside the extracted folder

You should see **app.py**, **requirements.txt** and **requirements-web.txt**, as shown below. The ZIP can contain another folder with the same name; open that inner folder if necessary.



5. Check for Python

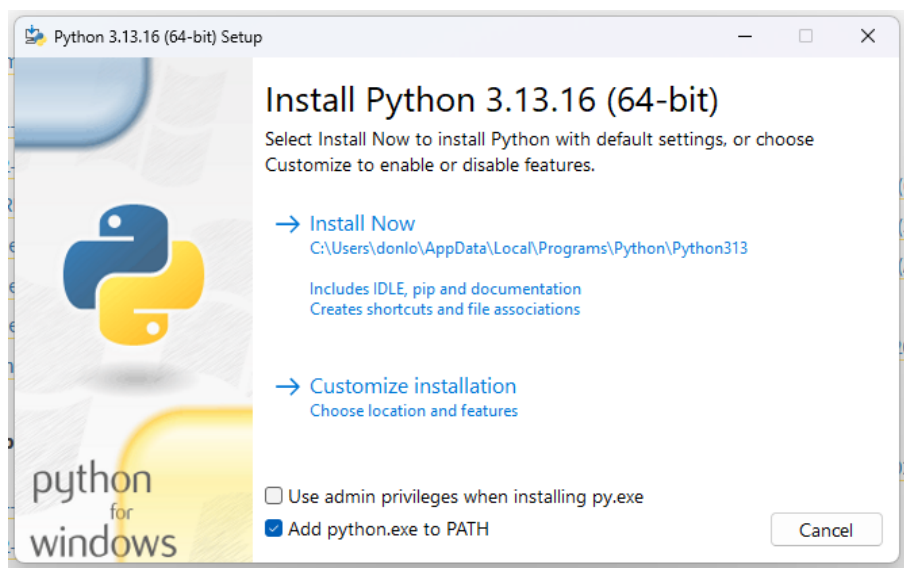
Click the folder address bar at the top of File Explorer. Type **cmd** and press **Enter**. In the command window that opens, type:

```
py --version
```

Press Enter. If Python is available through the Windows launcher, a version number appears. If Windows says the command is not recognised, the Python setup needs checking before continuing.

6. Install Python if it was not found

Open the [official Python Windows downloads page](#). The walkthrough used **Python 3.13.16, Windows installer (64-bit)**. Run the installer, tick **Add python.exe to PATH**, then click **Install Now**. Wait for "Setup was successful".



Close the old command window and open a new one from the folder containing app.py. Try python --version. If it is still not found, check the default installation directly:

```
"%LocalAppData%\Programs\Python\Python313\python.exe" --version
```

This path applies to the default per-user Python 3.13 installation shown above. A different installation location needs its actual path.

7. Install the tool's supporting components

First check you are in the correct folder. In the command window run:

```
dir requirements-web.txt
```

If it says the file is missing, return to File Explorer and open the inner folder containing **app.py** and **requirements-web.txt**. Type **cmd** in that folder's address bar. Do not continue until the file is found.

Run each command separately, waiting for it to finish:

```
"%LocalAppData%\Programs\Python\Python313\python.exe" -m venv .venv
```

```
.venv\Scripts\python.exe -m pip install -r requirements-web.txt
```

This creates a private Python environment inside the tool folder and downloads its dependencies. If installation ends with an error, resolve it before starting the tool.

8. Start the tool

In the same folder and command window, run:

```
.venv\Scripts\waitress-serve.exe --listen=127.0.0.1:8000 app:app
```

Leave that window open. Once the server starts, open <http://127.0.0.1:8000/> in your browser. This address opens the tool running on your own computer.

If you used the outer folder for .venv

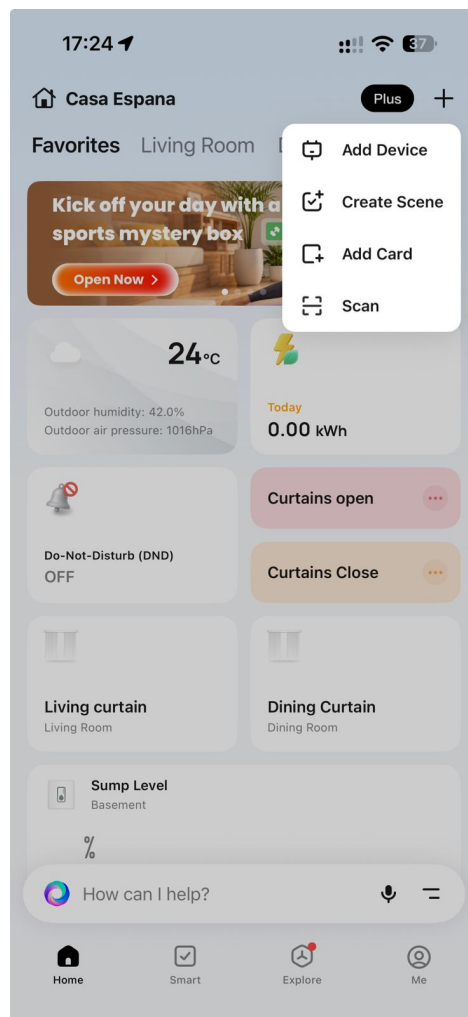
From the inner folder containing app.py, use this alternate command only if .venv was created one folder above it:

```
..\venv\Scripts\waitress-serve.exe --listen=127.0.0.1:8000 app:app
```

9. Approve the QR login

On the phone, open the Smart Life or Tuya Smart account containing the motor. Find **Me > Settings > Account and Security > User Code** (menu wording can vary). Enter it in the computer tool. Use the matching app login option if shown.

To scan the displayed QR code, return to the phone app's home screen, tap **+** at the top-right, then **Scan**, as shown below. Scan the computer's QR code and approve login. The author documents use of Home Assistant's device-sharing registration; this method does not require installing Home Assistant.



10. Identify the motor's details

Select the correct motor in the tool. Its **Device ID** identifies it; its **Local Key** allows local communication. These are separate from the driver licence key. For the motor's IP address, use its local network address from your router, not the cloud/WAN address.

If your driver is already configured and working, this walkthrough does not require changing its existing values. Keep local keys out of screenshots and support messages.

Log out of the tool when finished. To stop it, return to the command window and press **Ctrl+C**. To use it again, repeat step 8; dependency installation is not needed each time.