Remote.it installation/usage guide for Dragino Gateways

This guide describes the installation and basic usage of remote.it for Dragino gateways and is based on operations with the Dragino LG308N LoRa Gateway running on firmwarelgw-5.4.164031589. If you are using a different firmware version or a different device, the actual contents and messages displayed may differ slightly from those described in this guide.

Remote.It is supported on the following Dragino devices:

- Firmware version 5.4.1632916986 or higher
- Device models: LG01N, OLG01N (Note: LG01-P, LG01-S does not support), LG02, OLG02, LG308/N, DLOS8/N, LSP8/N, LIG16, MS14 series (If installed with the same firmware.)

You will need:

- A Remote.It account. Sign up here: https://app.remote.it
- Login and access to the web UI of the Dragino via browser on the local network

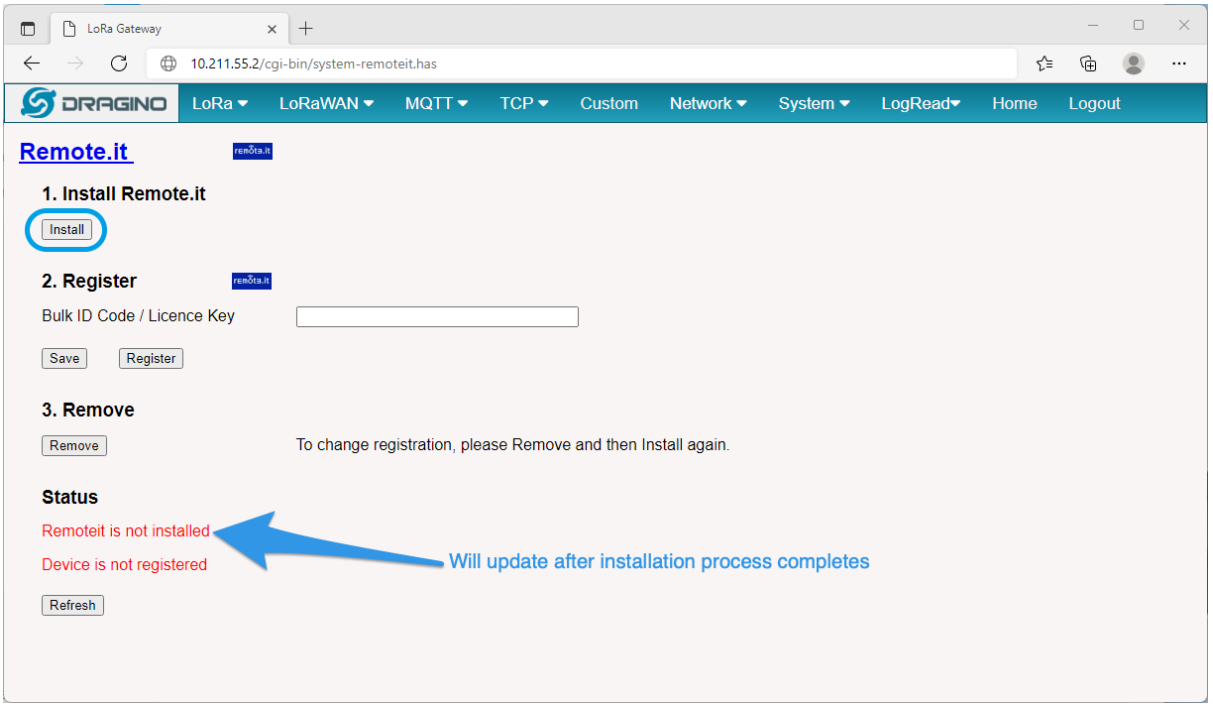
Let's Get Started:

1. Access the web UI of your Dragino gateway using a web browser on the local network. (When required to login, login as user: root, password dragino.)

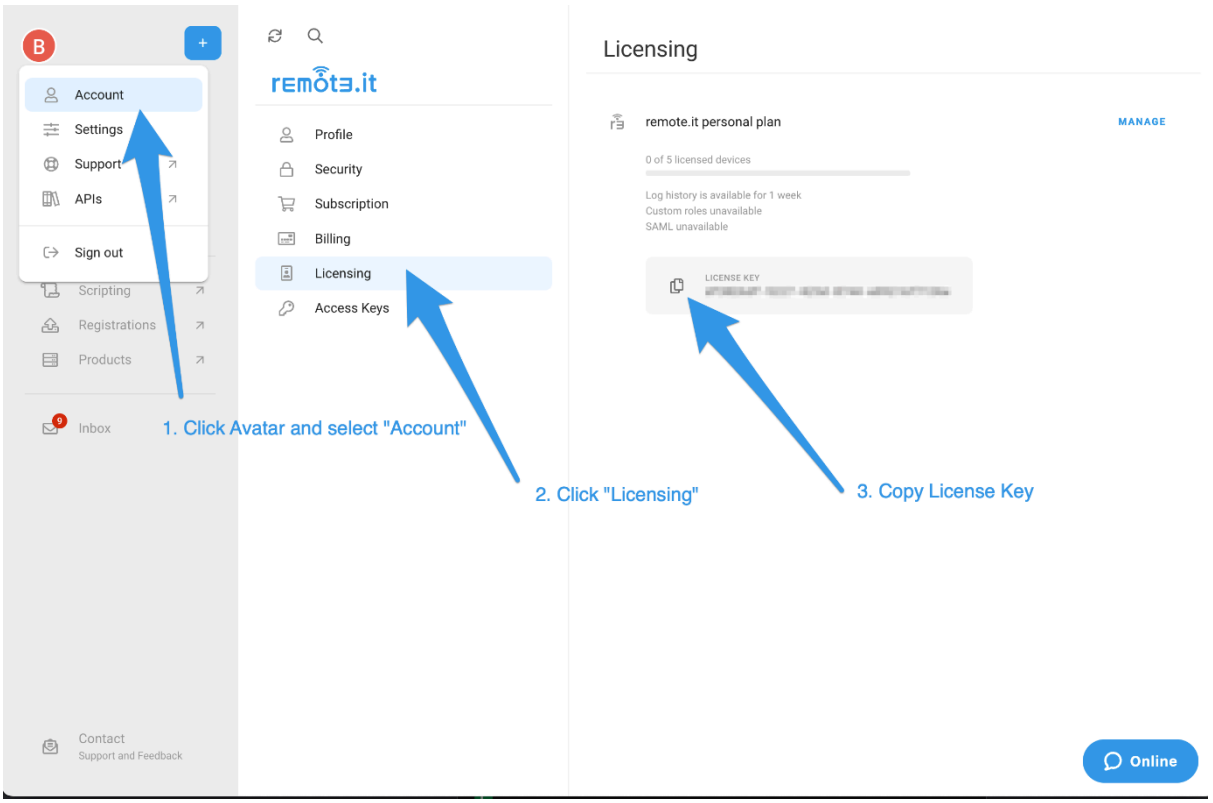
Navigate to System>Remote.it (see image below)



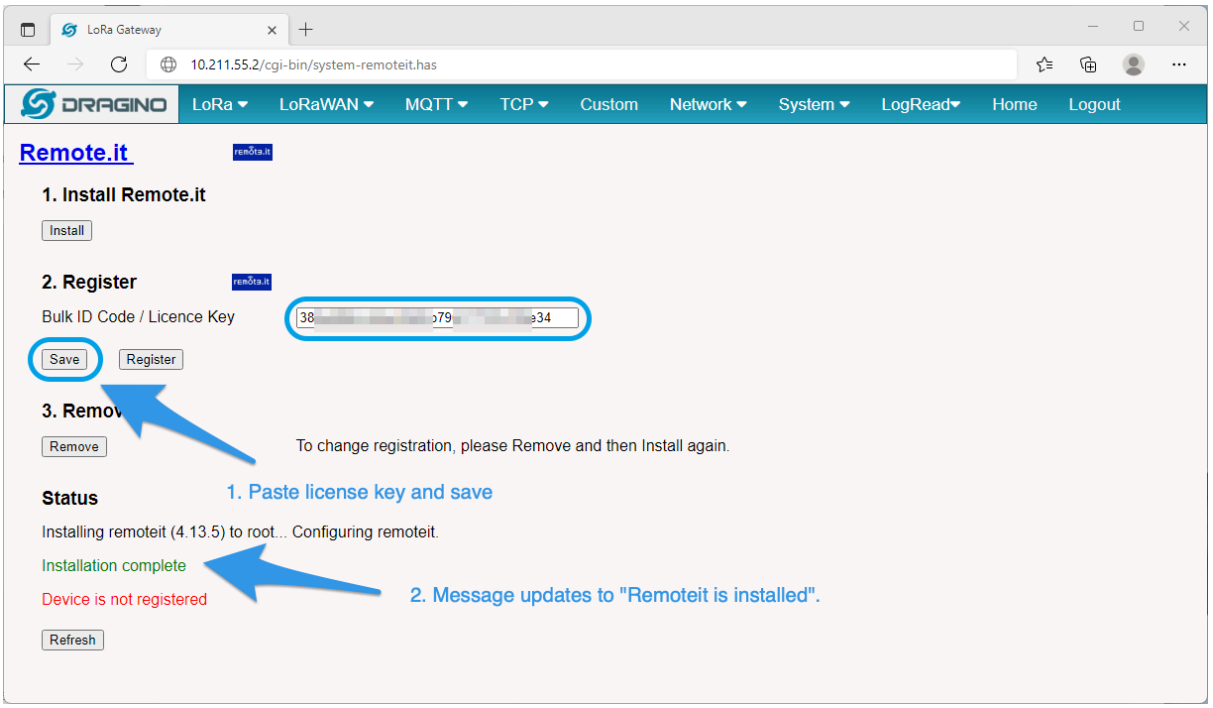
2. Click the "Install" button on the Remote.it page (see image below). When finished, the Status section will update to show installation complete. You will need your Remote.it license key for this next step.



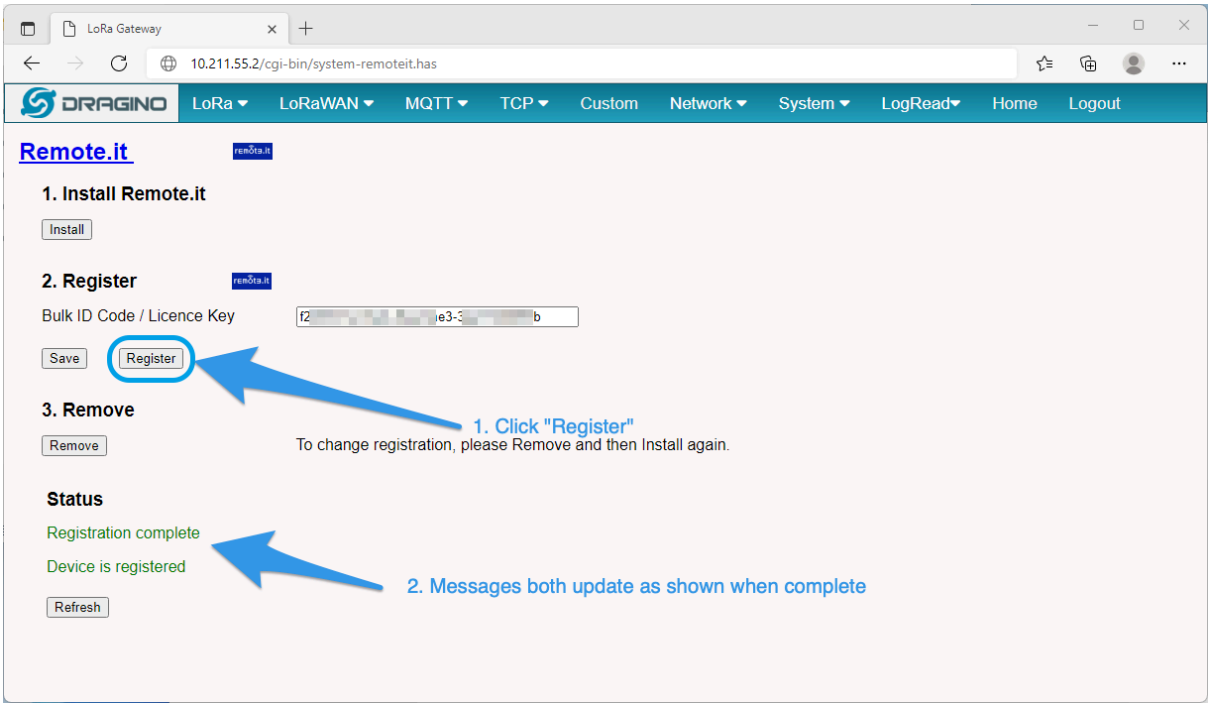
3. Sign in to Remote.It (https://app.remote.it)and get your license key. Click on the avatar, then "Account" and then "Licensing" (See image below)



4. Enter/paste the license key into the Dragino gateway page Bulk ID Code/License Key field and Save. The status message will update from "Installation complete" to "Remoteit is installed". (see image below)

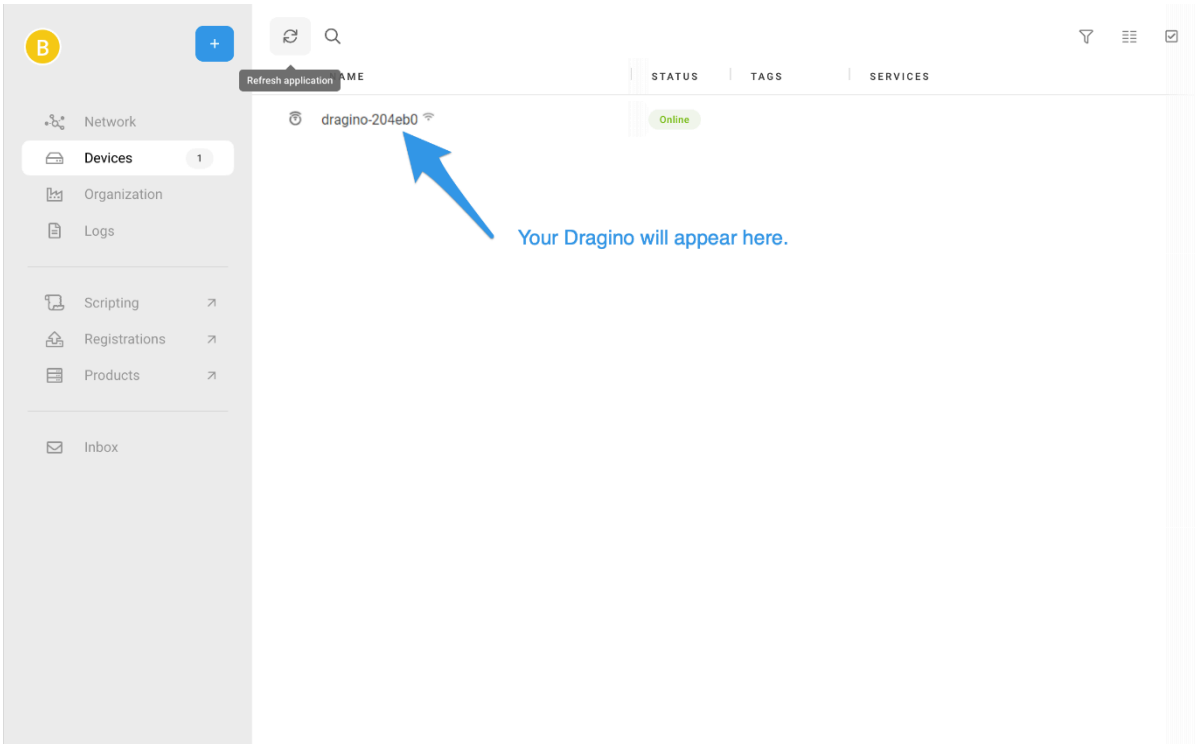


5. Click "Register". Both status messages will update when complete (see image below)



6. Go back to the Remote.It web portal and click devices. You may have to click the "refresh" icon to update the view (see image).

Note: The device name in Remote.It is the hostname. You can see the hostname at the bottom of the Dragino gateway page.



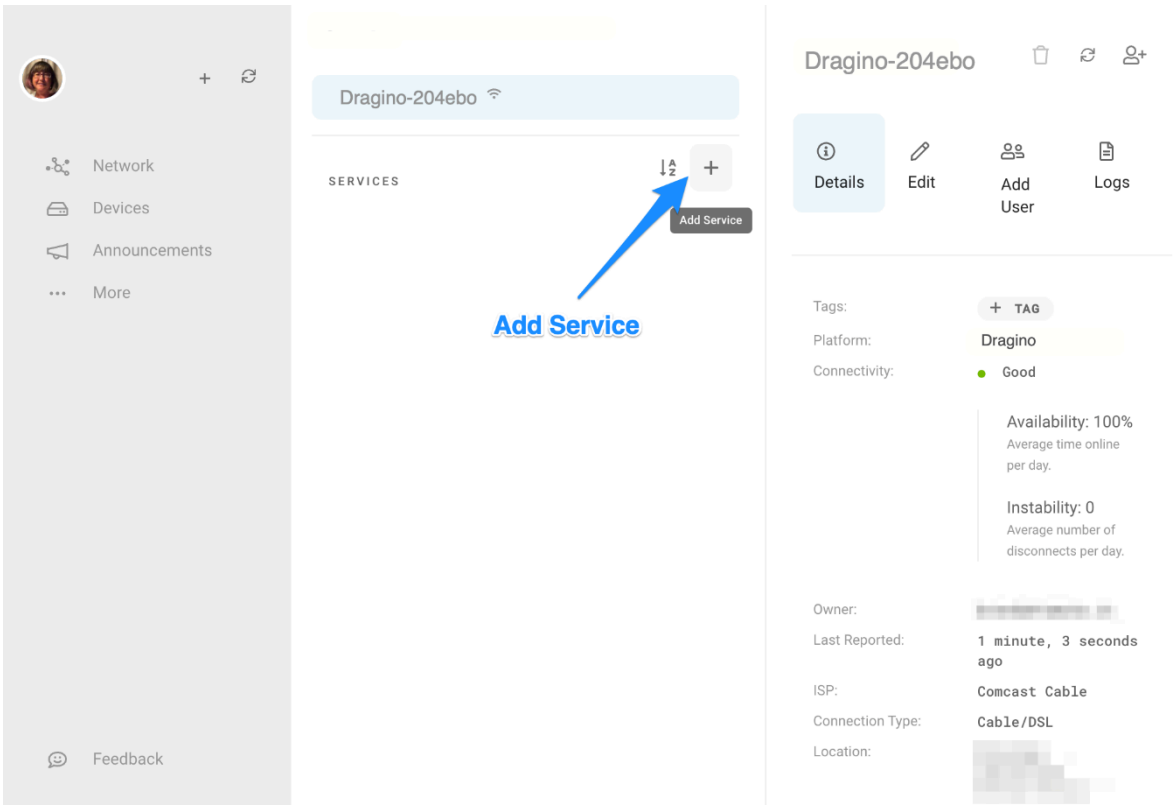
7. Set up services
Click on your Dragino device, click "+" (Add service) on the device detail.

Provide a name, port, and service host address (Defaults are provided for most services). Only override default ports if you have assigned a different port for this service on your device.

For example, you may want to allow Remote.it access to the Dragino gateway webpage. In this case, select HTTP.

The URL to access the Gateways web console will be: IP address:8000 e.g. 192.168.0.1:8000

Repeat for all required services.



8. Select the service you would like to create a Remote.It connection and click "Connect". You can now use this connection address in an application such as terminal, VNC viewer or a browser. When you are done with the connection, click "Stop Connection"

