

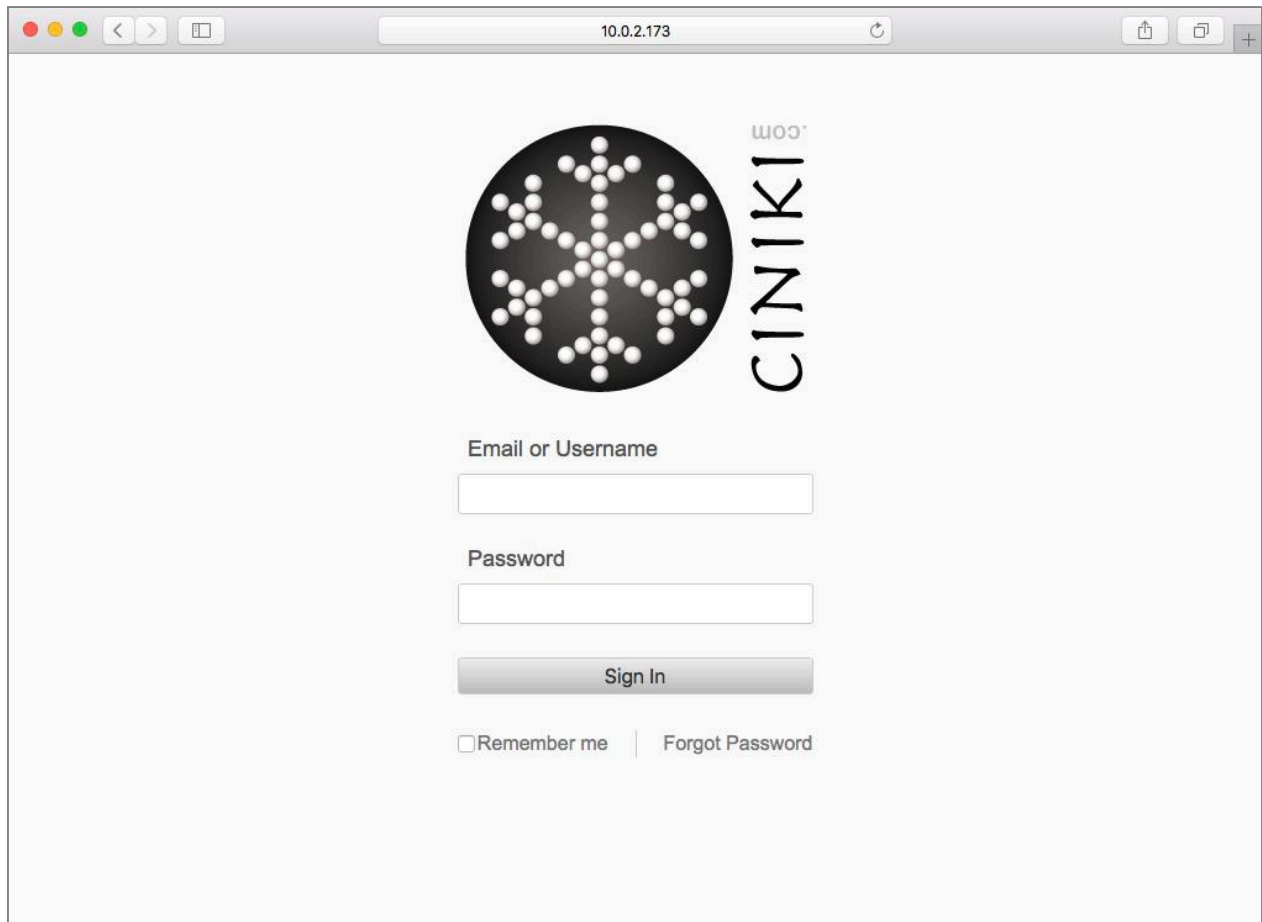
Configuring Weather Sensors

Configuring Weather Sensors

Step 1 of 9 - Login to the Raspberry Pi

Enter your callsign and password. Your username is your callsign.

If you check the box beside Remember Me you won't have to enter your username and password each time.

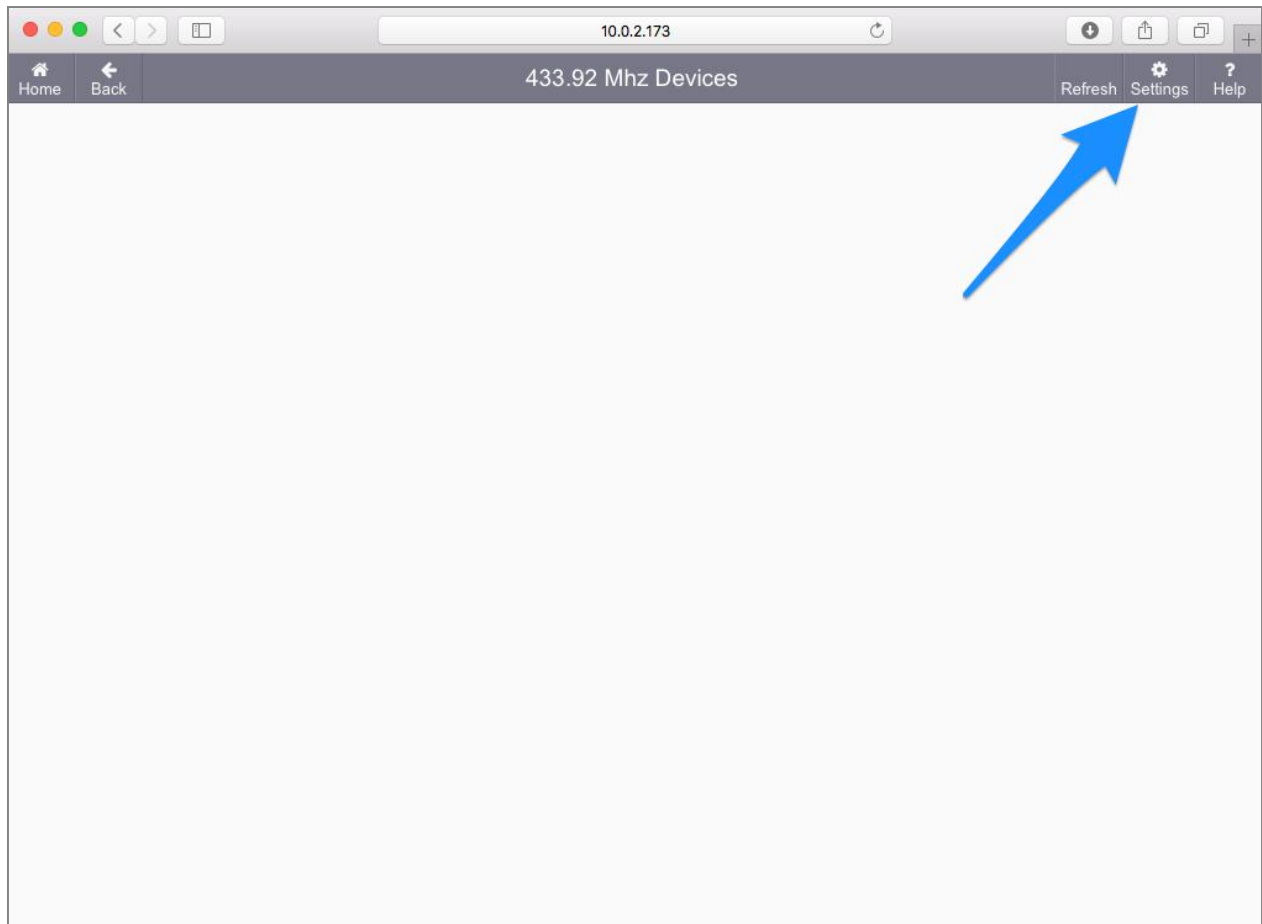


The screenshot shows a web browser window with the address bar displaying '10.0.2.173'. The page features the CINIKI logo, which consists of a circular graphic of white dots forming a stylized 'C' and the text 'CINIKI' vertically next to it, with '.com' above the 'I'. Below the logo are two input fields: 'Email or Username' and 'Password'. A 'Sign In' button is positioned below the password field. At the bottom, there is a checkbox labeled 'Remember me' and a link for 'Forgot Password'.

Configuring Weather Sensors

Step 2 of 9 - Click on Settings

At first there will be no devices configured. You'll need to click on Settings (top right) to setup your weather sensors.



Configuring Weather Sensors

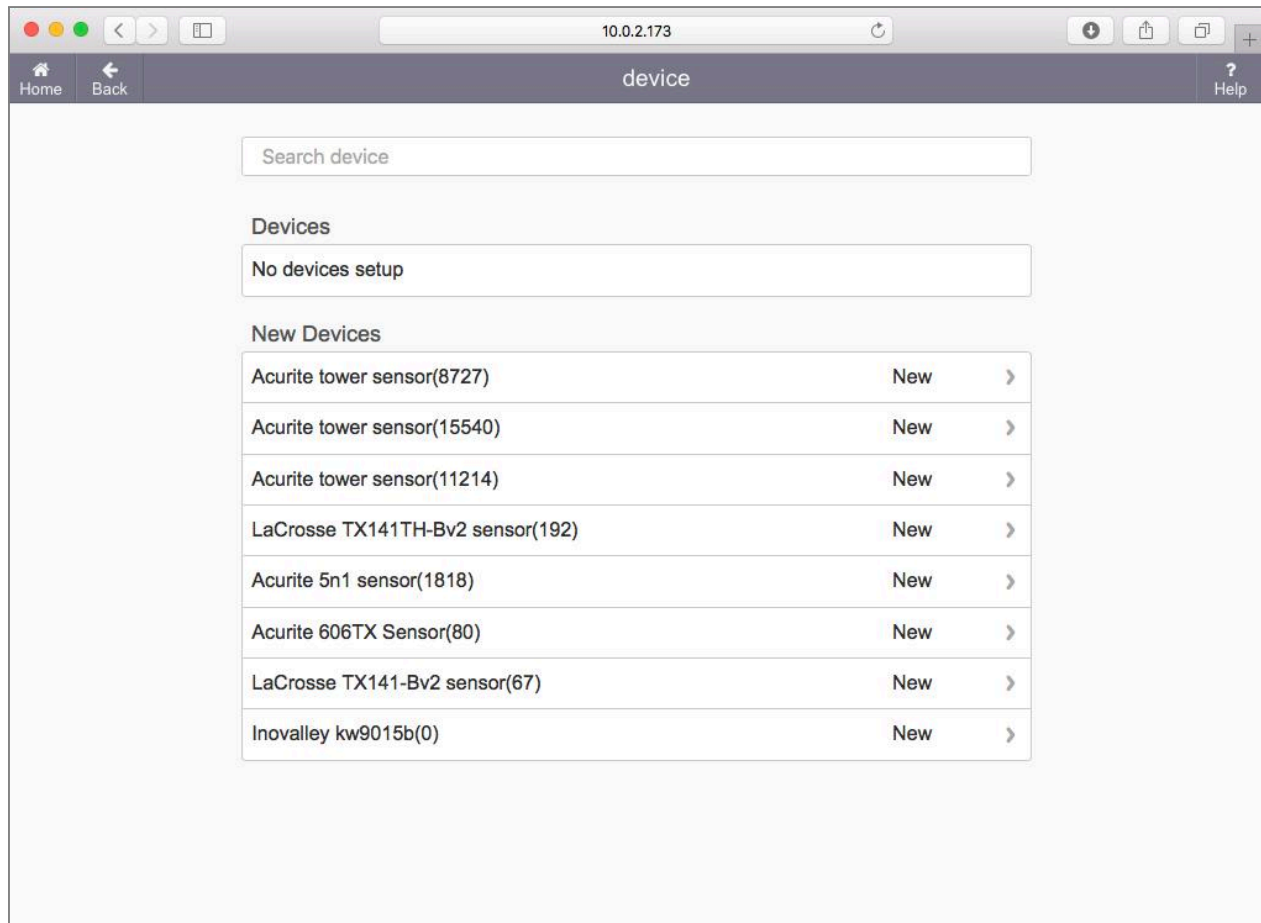
Step 3 of 9 - Select Device

You should now see a list of available devices that the RTL-SDR has heard in your area. This can take several minutes, if your pie has just been started, wait 5-10 minutes and you should see some devices show up. Click Back and then Settings again to see the latest list.

Click on the device you'd like to configure. No data is stored for the device until it is configured.

****NOTE****

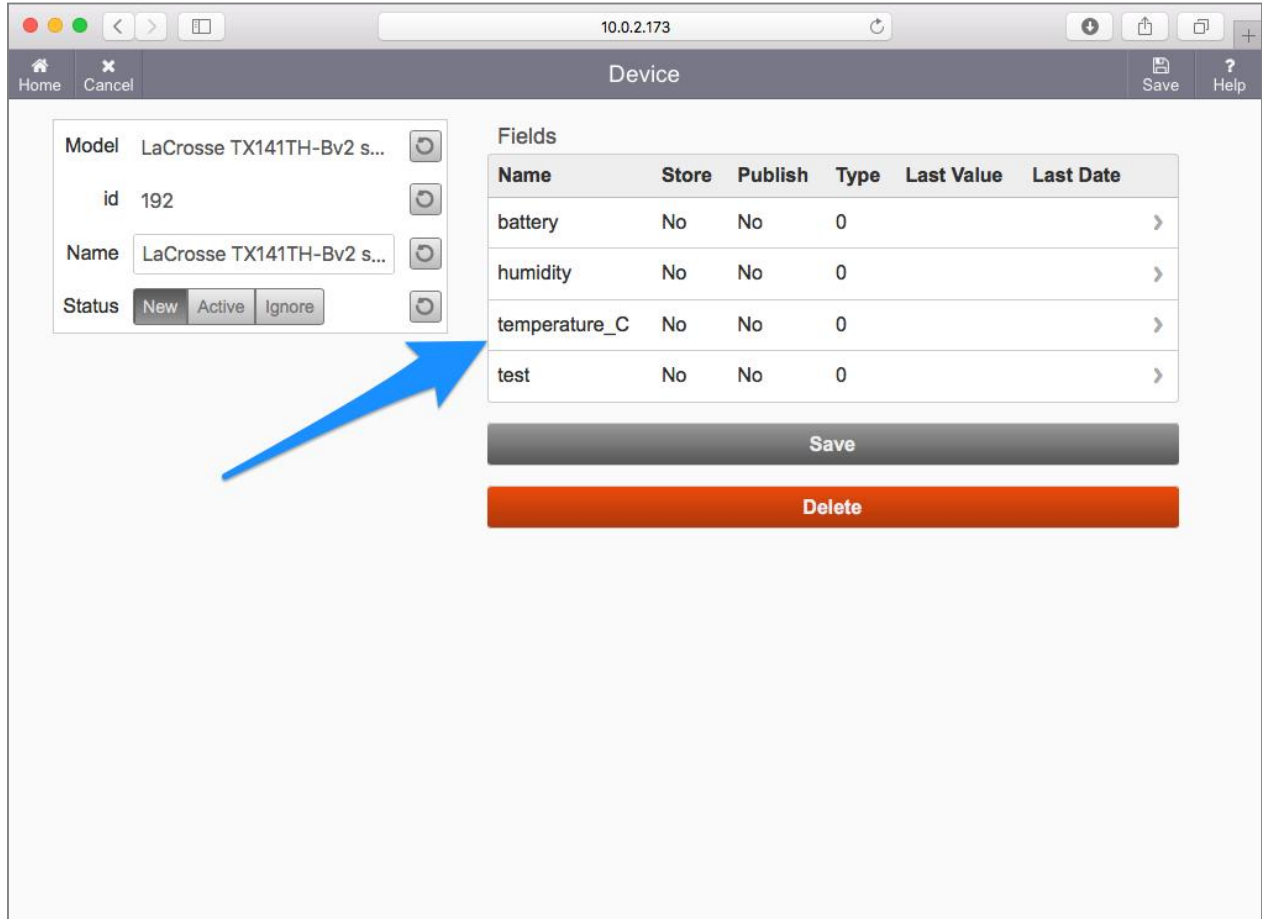
Be aware that not all devices report properly and there are problems with incorrect device decoding. There is a know problem specifically with "Acurite Rain Guage" that will show up multiple times and be incorrect.



Configuring Weather Sensors

Step 4 of 9 - Open field

Click on the field you'd like to store the data for.



The screenshot shows a web browser window with the address bar displaying '10.0.2.173'. The page title is 'Device'. The interface includes a navigation bar with 'Home', 'Cancel', 'Save', and 'Help' buttons. On the left, there is a configuration panel for a device with the following fields:

- Model: LaCrosse TX141TH-Bv2 s... (with a refresh icon)
- id: 192 (with a refresh icon)
- Name: LaCrosse TX141TH-Bv2 s... (with a refresh icon)
- Status: New (selected), Active, Ignore (with a refresh icon)

On the right, there is a 'Fields' table with the following columns: Name, Store, Publish, Type, Last Value, and Last Date. The table contains four rows of data:

Name	Store	Publish	Type	Last Value	Last Date
battery	No	No	0		
humidity	No	No	0		
temperature_C	No	No	0		
test	No	No	0		

Below the table are two buttons: 'Save' (grey) and 'Delete' (orange). A blue arrow points to the 'test' field in the table.

Configuring Weather Sensors

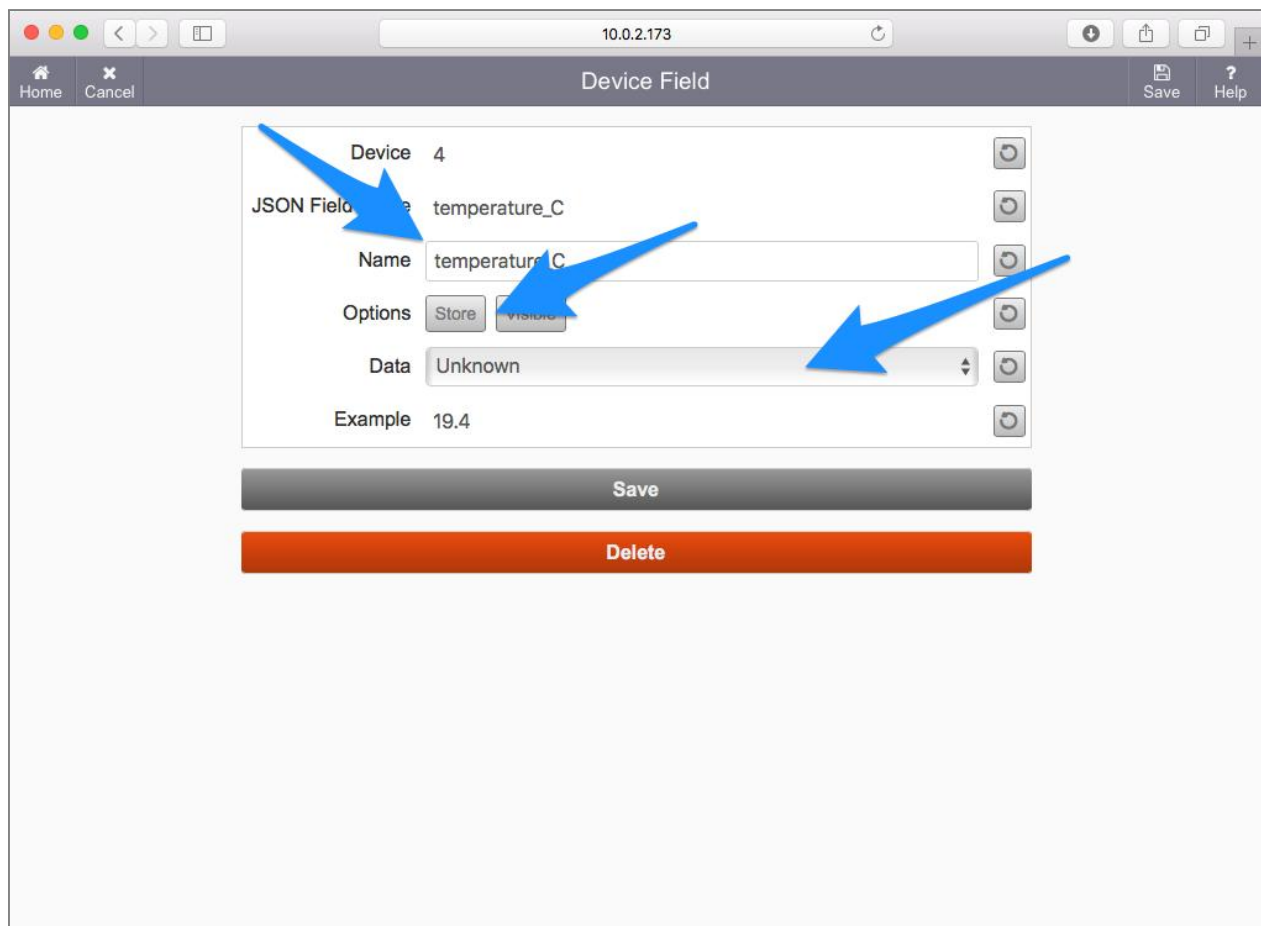
Step 5 of 9 - Setup the field

You can change the field name to something more readable. By default it shows the name assigned by the device.

Click on the "Store" button to keep track of the data for this field.

Then select the type of data this field is storing.

Some devices report in Celcius, some report in Fahrenheit, you'll need to select the data type that matches what is reported.

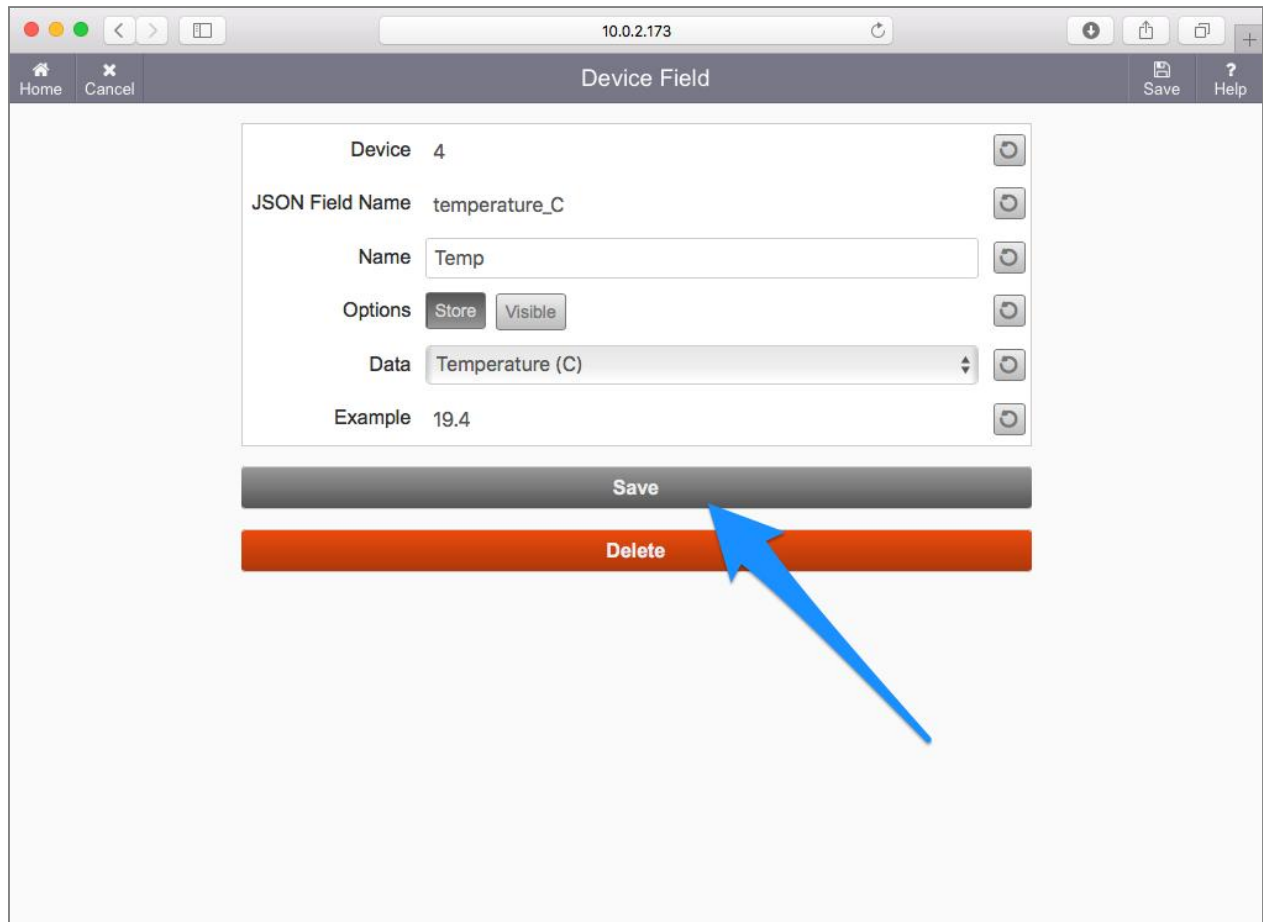


Configuring Weather Sensors

Step 6 of 9 - Click Save

When you have the field setup, click Save.

Repeat the steps to setup each field you want to store.



Configuring Weather Sensors

Step 7 of 9 - Name and Activate device

You can give a name to the device that makes more sense, for example Living Room, Back Yard, etc.

Don't forget to change the status to Active, otherwise the data will not be stored or graphed.

The screenshot shows a web browser window with the URL 10.0.2.173. The page title is "Device". The interface includes a navigation bar with "Home", "Cancel", "Save", and "Help" buttons. The main content area is divided into two sections: a form on the left and a table on the right.

The form on the left contains the following fields:

- Model: LaCrosse TX141TH-Bv2 s... (with a refresh icon)
- id: 192 (with a refresh icon)
- Name: LaCrosse TX141TH-Bv2 s... (with a refresh icon)
- Status: Three buttons labeled "New", "Active", and "Ignore", each with a refresh icon. A blue arrow points to the "Active" button.

The table on the right is titled "Fields" and has the following columns: Name, Store, Publish, Type, Last Value, and Last Date. The table contains four rows of data:

Name	Store	Publish	Type	Last Value	Last Date
battery	No	No	0		
Humidity	Yes	No	Humidity (%)		
Temp	Yes	No	Temperature (C)		
test	No	No	0		

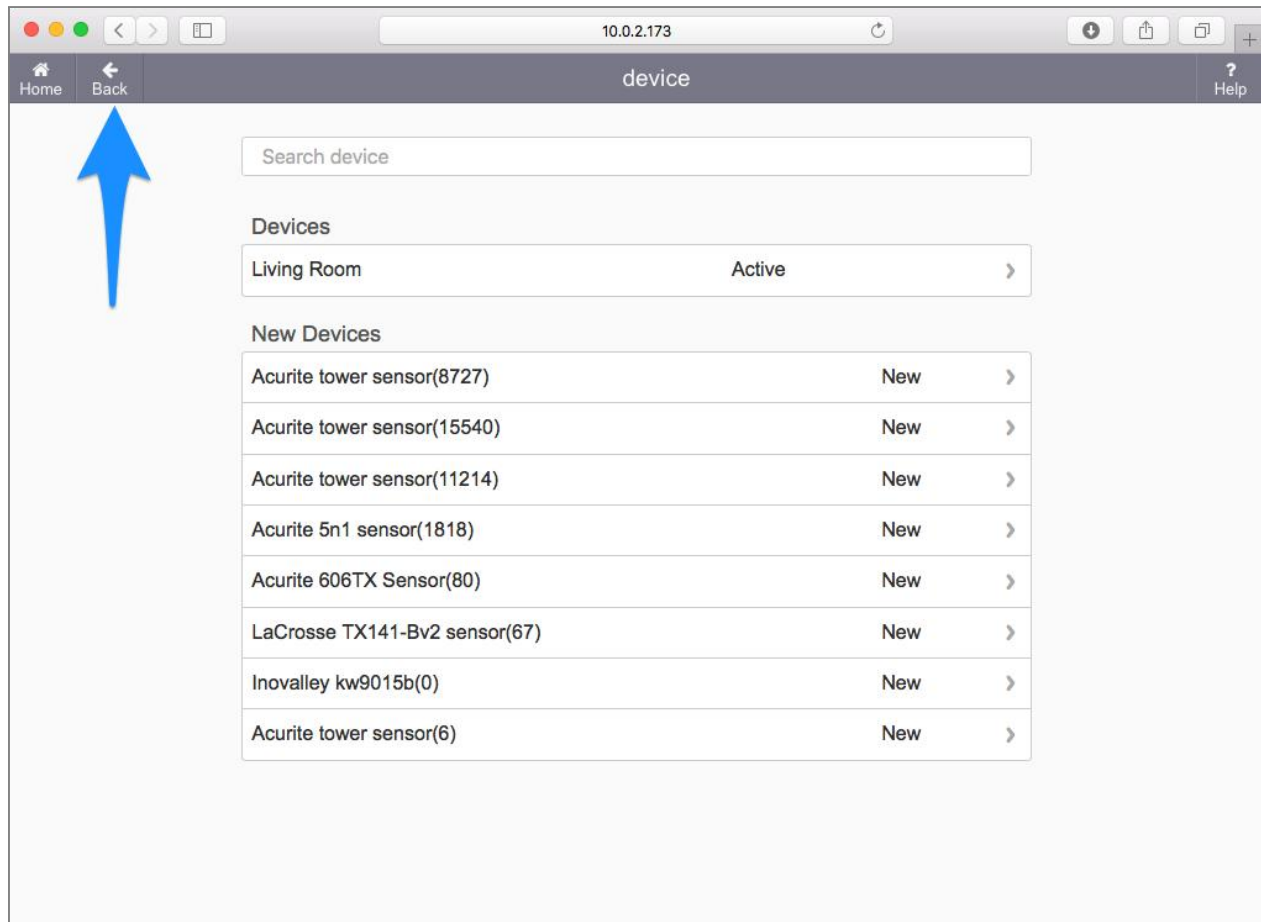
Below the table are two buttons: "Save" (grey) and "Delete" (orange).

Configuring Weather Sensors

Step 8 of 9 - Active Devices

You should now see the device you setup in the list of Devices at the top.

You can now click on Back button.



Configuring Weather Sensors

Step 9 of 9 - Weather Graphs

You should now see the list of devices you setup and their graphs. It is recommended currently to not setup more than 5 devices, as it will become increasing slow to load this page.

