



Minimum Requirements

- Note: The Atom is not a stand alone device. You may choose **one** of the pairing methods below.
 - PMI Recorder: Bolt, Seeker, Guardian, or Tensor - Product must be connected to PQ Canvass
 - iOS Device: iPhone or iPad - Your device must have iOS 16 or higher to work.
- To gain access to your PQ Canvass account:
 - An email including your username and a temporary password would have been sent upon purchase of PQ Canvass.
 - Log in to <https://pqcanvass.powermonitors.com> or download the Atom iOS app.
 - If you need to reset your password, click on the "Forgot Password" link, or call PMI Technical Support at 1(800)296-4120.

Setting up the Atom

The Atom is shipped in **Sleep Mode**. To use the Atom, it must be placed into **Install Mode**.

To reboot the Atom and place it in **Install Mode**, hold down the orange button for **8-12 seconds** and release. (See Fig. 1 on page 2 for button location).

During the first **30 Seconds** of a reboot, the operating modes can be changed by pressing and releasing the button **5 times**. The device will flash multiple times to indicate the current mode. Install mode is indicated by **2 white** LED flashes ○. See page 2 for next steps.

Troubleshooting Tips

Install Mode: The Bluetooth radio will turn on more often so a device pairing can be made.

Ready Mode: If a connection is made, the device will automatically change and stay in that state.

Install Mode reverts to Sleep Mode: If no connections are made **30 minutes** after changing to **Install Mode**, the Atom will go back to low-power mode to save the battery.

Send Data: Pressing the button **once** causes the Atom to wake up and send collected data to its parent device.

Data Sync: If you are using a recorder, Bluetooth will automatically turn on at set intervals to transmit collected data to the parent device. Otherwise, you must connect to the app to sync data to the application.

LED Color and Flash Patterns

- **Green Blink** - Atom is actively collecting data.
- **Blue Blink** - Bluetooth radio is on and waiting for a parent to retrieve its data.
- **Blue Blink (x2)** - Parent device has connected to the Atom and data is being transferred.
- **Blue Blink (Repeatedly)** - Pairing is successful.
- **Aqua Blink** - Parent device has recently connected in the past **6 minutes** to the Atom, but has not connected since then. Data continues to accumulate.
- **Yellow Blink** - Waiting for data and the time to be set. The Atom should transition out of this state after pairing with a device.
- **Magenta Blink** - Firmware update is in progress.
- **White Blink** - Operational mode indicator.

Operation Modes

- **3 White flashes** - Low Power (Sleep Mode)
- **2 White flashes** - Install
- **1 White flash** - Ready




pqcanvass

Log in to PQ Canvass.

Click the devices icon  in the bottom dock.


Select the Bolt, Seeker, Guardian, or Tensor you want to pair with your Atom.



Click **Actions**, then **Atom Discovery**. Any nearby Atoms will show up here.


SIN	Updated	RSSI (dBm)	TX Power (dBm)	Associated
700429	3/1/2024, 12:06:09 PM	-67	0	

If the Atom does not appear, press and release the orange button to wake up the Atom.

Click the associate icon .

When finished, the icon will change to . You can also use the (+) or (x) icons on the Devices page to (+)associate/(x)disassociate respectively.

55630	WiFi Tensor	Tensor	
700439	700439	Atom	

Select your Atom from the dropdown list and click the save icon .

View Data: Click on the Atom in the Devices list. Select **Graphs** and then **Interval** to view the most recent data from your Atom.

Additional Assistance

For more detailed information on PQ Canvass, visit <https://powermonitors.com/downloads> to download the PQ Canvass manual.

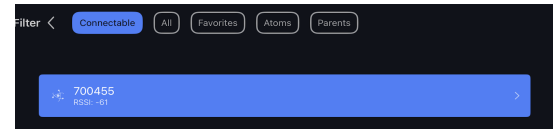
Contact us at (800) 296-4120 or send an email to support@powermonitors.com.

ATOM APP

Verify that your iOS device Bluetooth is on. You can verify this by going to your iOS Settings > Bluetooth and confirm toggle is ON.

Log in to the Atom App with your PQ Canvass username and password.

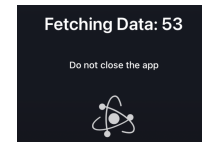
Atoms that are in range will turn blue and display their RSSI in dBm. Atoms only wake up every few minutes, so they may not appear quickly.



If your Atom doesn't turn blue in the list, press and release the orange button on your Atom. This will wake up the device immediately.

In the app, tap on the Atom you wish to pair with. The LED on the Atom will rapidly flash  dark blue to indicate that pairing is successful.

Once paired, your iOS device will start downloading (fetching) the stored data from the Atom. **Do not interrupt** the download process. Depending on how much data has been stored, this may take several minutes.



Once downloaded, you can inspect the stored readings and alerts, and see graphs for the interval data.

Upload Data: Click the **Upload Data** button to send the downloaded Atom data to PQ Canvass. This may take several minutes depending on the amount of data being uploaded.

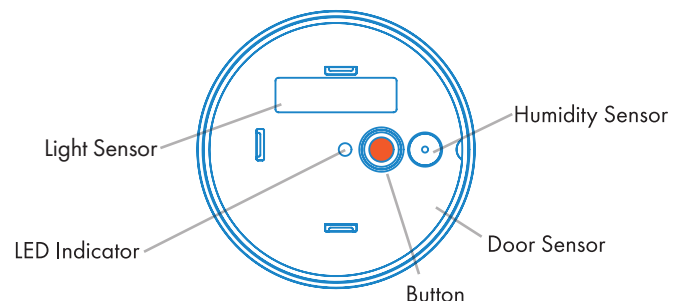


Fig. 1 A diagram of the Atom