



Web3 Data Analytics for the Environment

Install Guide

enviroBLOQ

Installation Guide

Hello & Welcome to the enviroBLOQ network!

We're very excited to have you join us in making history by bridging the real-world environment to the blockchain! We hope you'll be able to take great pride in knowing that you were one of the VERY FIRST Data Providers for the enviroBLOQ network!

Legal Disclaimers

BY PARTICIPATING IN THE enviroBLOQ NETWORK, YOU FULLY AGREE / ADHERE TO THE FOLLOWING:

- enviroBLOQ is not responsible for damages or structural fires due to, or in relation with, the Pebble hardware device or any components associated with it the Pebble hardware device.
- enviroBLOQ is not responsible for any personal injury and/or death as a result of installing or accessing the Pebble hardware device. Install at Own Risk.
- enviroBLOQ reserves the right to analyze & sell user-provided data to third parties.
- Although enviroBLOQ takes as many precautions as possible to protect user privacy, blockchain transactions are all publicly visible, so enviroBLOQ cannot guarantee anonymity for data providers.
- enviroBLOQ reserves the right to contact data providers to clarify surroundings, update installation parameters, Pebble hardware updates, etc.
- enviroBLOQ is not responsible for any wallet compromise or loss of funds as a result related to hacks or malicious behavior by a third party.

Reminder: No one from the enviroBLOQ team will ever ask you for your Wallet's

- **Private Key on any platform!** Any instances of this should be considered malicious and reported immediately.

Install Guide

In this initial phase of enviroBLOQ, we are focused on analyzing as much data from as many different users as possible. Taking advantage of the hundreds of Pebbles sitting idly around the world, enviroBLOQ is collecting their secured data in three (3) different ways, depending on the user's conditions (house with attic vs apartment with balcony, etc.):

- Attic Efficiency Monitor (Ventilation, Roofing, HVAC)
- Indoor Environment Monitor (HVAC Use, Air Quality, UV Effects)
- Outdoor Weather Station (Localized Outdoor Weather)

Regardless of the set up for the Pebble, the most important thing to consider is consistency! We are analyzing data over time, so it is very important to keep the Pebble charged, installed in the same place and away from interference (other electronics w/heat discharge, etc.).

If you don't have access to permanent power, you may be able to utilize rechargeable USB battery packs. This is not ideal as you have to keep recharging the battery pack, but is a viable workaround for users with balconies and no power source.

Install Notes

READ BEFORE INSTALLING YOUR PEBBLE

Please note several items before installing your enviroBLOQ Pebble device:

- Do NOT Discard Pebble Packaging: You will need the Serial Number (SN) & Device IMEI (unique identifier) found on the sticker of the box for registering your device with enviroBLOQ and the IoTEx MachineFI Portal!
- **Extension Cords are a fire hazard and are not allowed** as a permanent power source in most regions, thus not ideal for enviroBLOQ.
- Local Disturbances – Be mindful not to install your Pebble on AC Ductwork or too close to sources of heat (conductive, radiant or mechanical)
- Avoid Laying on Floor – This can pick up readings from the heat conduction through the interior ceiling & attic floor, affecting the sensor readings
- Charging Your Pebble – Rechargeable USB battery packs work great for applications with no permanent power source.
- Remove Plastic Film - This film protects the screen from scratches, but it also diminishes the light coming into the front of the Pebble (lower right of LCD display)



Install Accessories

Here are the basics that we recommend for a quick & simple installation (these items do not come with the Pebble device):

USB Charging Block

The battery on your enviroBLOQ Data Miner will only last about 24-36 hours per charge, so you will need to supply a USB charging block (standard with most smartphones) and install your Miner within range of constant power.

Velcro Square (1in x 1in or so)

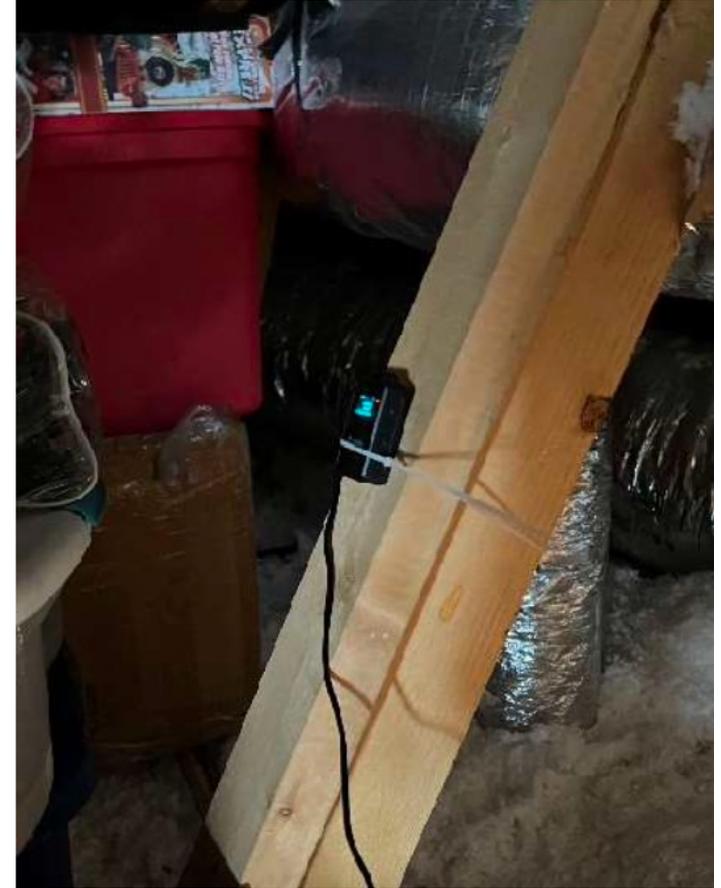
The Velcro is not a 'must-have', but it certainly makes installation easier! The Velcro square will not be sufficient by itself as a long-term solution. (We learned the hard way as the adhesive melted on us in Texas!)

Zip Tie(s)

Cheap, effective & won't affect data readings!

The Zip Tie(s) holds the Pebble securely in place over long periods of time, regardless of climate conditions.

Example Install Images



Property & Install Photos

Photos of the Pebble installation and the property that it's pulling data from are the most important part of installation process.

If there are any aspects of the Installation Checklist that you aren't sure of or if there are any questions we think of in the future, photos will help aide (and possibly eliminate) the back & forth process.

☒ Want to show as much of roof, ventilation & exterior as possible

Property & Install Photo Examples



Pebble In Place (Attic)

- Pebble Device Securely Installed
- Power Source



Attic Ceiling Details

Decking Type

When you look up inside your attic, you'll see what looks like plywood, foil or wood slats. This gives us a good indication of energy efficiency rating, as well as the time period for which your property was built (slats vs radiant barrier).

- Wood OSB / Plywood
- Radiant Barrier
- Wooden Slats

Ventilation Cutouts

- Round Holes Near Peaks
- Gap Cut Length of Ridgeline



Attic Ventilation Intake

This is found underneath the eaves of the roof (overhang) and is usually found in three ways:

- Rectangular Vents
- Circular Vents
- Perforated Holes (Hardie Soffits)



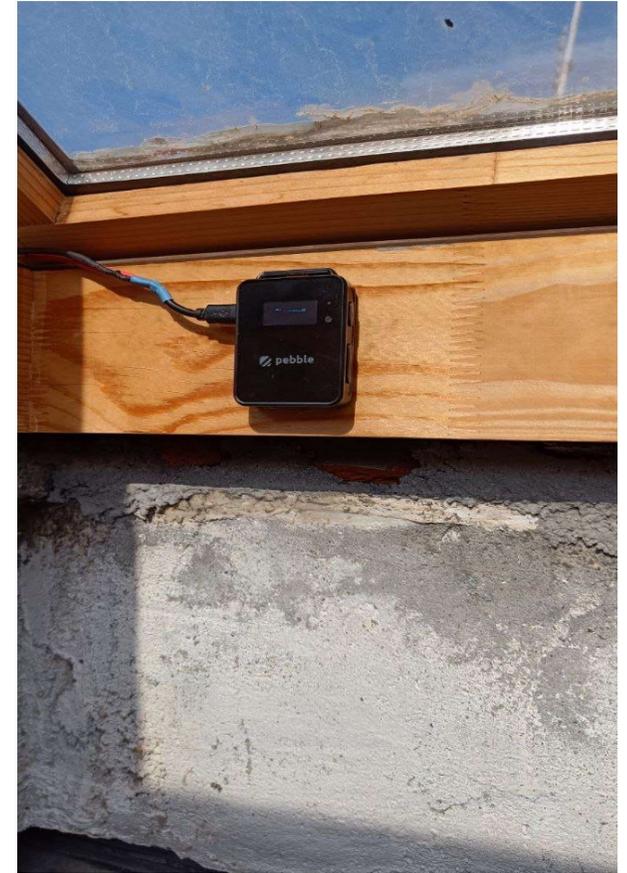
Pebble In Place (Outdoor Balcony)

- Pebble Device Securely Installed
- Power Source
- Out of Direct Weather



Pebble In Place (Indoors)

- Pebble Device Securely Installed
- Power Source
- Away From Other Electronics Emitting Heat



Questions & Support

Email Us:

enviroBLOQ@gmail.com

Telegram (No Links, Please!):

<https://t.me/+kIPNYd8kRqUxY2Mx>

Twitter:

<https://twitter.com/envirobloq>