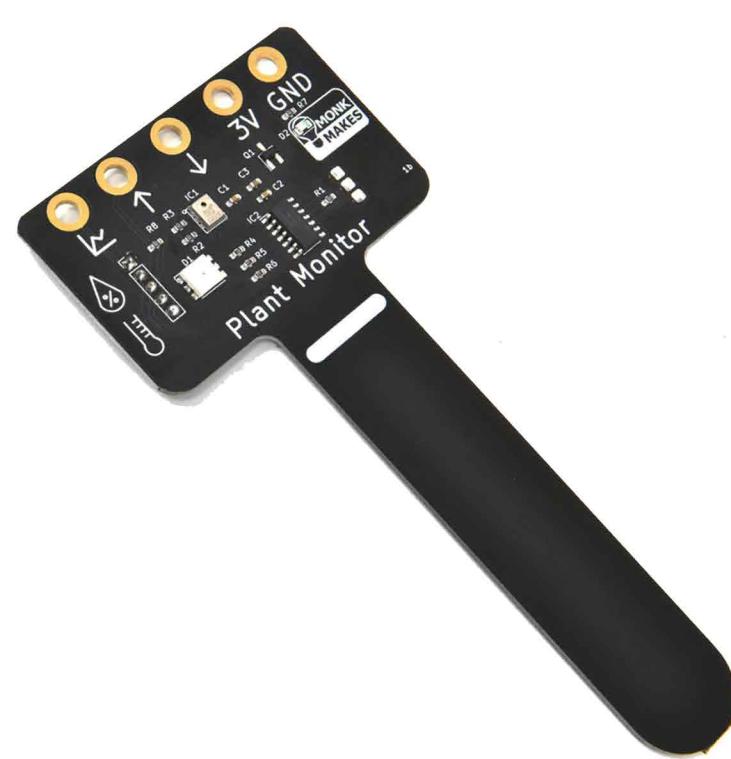


# Sensors, Features and Benefits

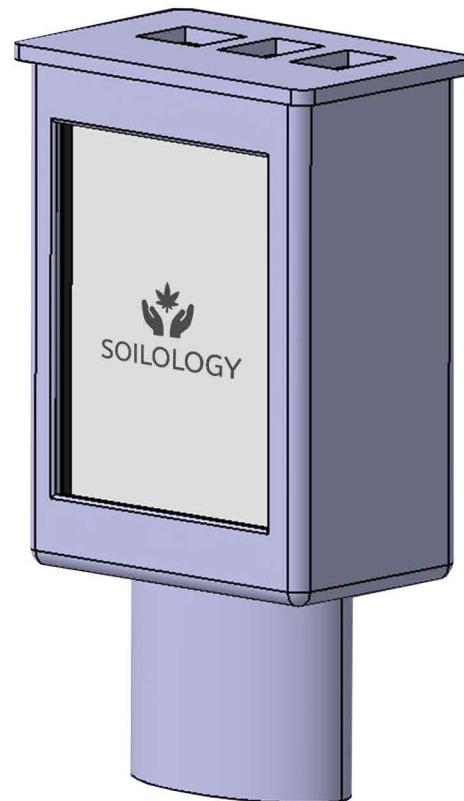
## Sensor:



The main sensor behind our soil monitor is the 'Monk Makes - Plant Monitor'. It sports the ability to measure moisture, temperature and humidity all with one probe, reducing the size and bulk of the overall unit without sacrificing accuracy and performance.

The built-in RGB LED indicates the moisture levels within a soil sample with corresponding colours, easily informing the user at a quick glance. The parameters in which these indicators trigger can be adjusted by the user for better control.

## Remote Data Access:



The Raspberry Pi 4 allows for multiple ways to display and retrieve data, making recording and reading it simple, convenient and versatile.

Live readings can be displayed on the monitor's screen or remotely on any desktop/mobile device connected to the monitor via the Blynk™ app.

Data can also be recorded by plugging a micro SD card into the R.P.4. This is a great option if a Wi-Fi signal is not present and/or when long-term data recording is preferred. Simply retrieve the SD card at any time and plug it into a computer to read the data.