

## **Enviro pHAT**

PIM181



Enviro pHAT packs 4 different sensors, letting you measure temperature, pressure, light level, colour, 3axis motion, compass heading, and analog inputs. That's up to 10 different variables!

It's ideal for monitoring conditions in your house, garage, or galleon. Set up a web server with Flask and remotely monitor everything from anywhere.

Combining Enviro pHAT with our other HATs and pHATs gives almost endless possibilities: display sensor values on Unicorn pHAT, use Display-O-Tron HAT to display sensor data, display a graph of values with Scroll pHAT, and much, much more.

The MagPi gave Enviro pHAT five stars and called it a *"fun, easy-to-use add-on with plenty of possibilities"*.

## Features:

- BMP280 temperature/pressure sensor
- TCS3472 light and RGB colour sensor
- Two LEDs for illumination
- LSM303D accelerometer/magnetometer sensor
- ADS1015 4-channel 3.3v, analog to digital sensor (ADC)
- Compatible with Raspberry Pi 3, 2, B+, A+, Zero, and Zero W
- Python library
- Female header and ADC male header require soldering