Chipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!
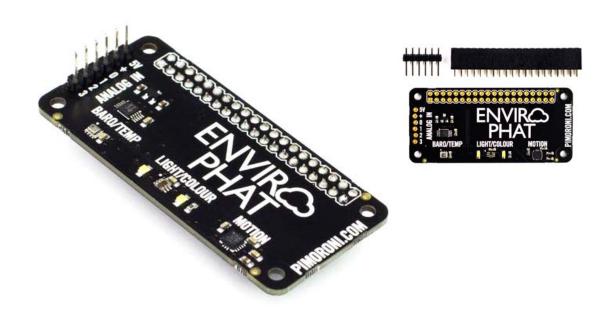

Contact us

Enviro pHAT

PIM181

Enviro pHAT packs 4 different sensors, letting you measure temperature, pressure, light level, colour, 3-axis 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**