

New Product Announcement

Pimoroni's PIM486 Enviro for Raspberry Pi, Available from Mouser, Enables Remote Access to Indoor Sensor Data

May 11, 2020 – [Mouser Electronics](http://www.mouser.com), Inc., the New Product Introduction (NPI) leader empowering innovation, is now stocking the [PIM486 Enviro](#) from [Pimoroni](#). The PIM486 Enviro for the Raspberry Pi provides a comprehensive sensor solution for indoor monitoring, offering accurate measurement of pressure, temperature, humidity, noise level, and light. The fully assembled board enables engineers to push collected data to an external server, allowing remote access from any location.

The [Pimoroni PIM486 Enviro](#), available from Mouser Electronics, incorporates a [Bosch BME280](#) humidity and pressure sensor. Designed for mobile applications prioritizing [low power](#) consumption and small form factor, the BME280 sensor offers a high-linearity tool for measuring humidity, pressure, and temperature. The BME280 sensor features exceptionally high accuracy and rapid response times, supporting performance requirements for context awareness applications.

The PIM486 Enviro also includes a [Lite-On LTR-559ALS-01](#) optical sensor — an integrated I²C digital light and proximity sensor with a built-in emitter — as well as a [Knowles SPH0645LM4H-B](#) MEMS microphone. The Enviro ships with a Python library, and is a compact 65 mm × 30 mm × 8.5 mm module ideal for use with the Raspberry Pi Zero and compatible with all 40-pin Raspberry Pi models.

To learn more, visit <https://www.mouser.com/new/pimoroni/pimoroni-pim486-enviro/>.

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About Mouser Electronics

Mouser Electronics, a Berkshire Hathaway company, is an award-winning, authorized semiconductor and electronic component distributor focused on rapid New Product Introductions from its manufacturing partners for electronic design engineers and buyers. The global distributor's website, Mouser.com, is available in multiple languages and currencies and features more than 5 million products from over 800 manufacturers. Mouser offers 27 support locations around the world to provide best-in-class customer service and ships globally to over 630,000 customers in 223 countries/territories from its 1 million sq. ft. state-of-the-art facilities south of Dallas, Texas. For more information, visit www.mouser.com.

About Pimoroni

Pimoroni designs and manufactures friendly products for makers, educators and creatives. Supported by the Raspberry Pi community, as well as the wider maker community, Pimoroni is trying to bring electronics to a larger audience by making tech treasure for tinkerers. The company is on a mission to make electronics accessible and attractive, and spread knowledge, fun, and ideas.

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Further information, contact:
Kevin Hess, Mouser Electronics
Senior Vice President of Marketing
(817) 804-3833
Kevin.Hess@mouser.com

For press inquiries, contact:
Kelly DeGarmo, Mouser Electronics
Manager, Corporate Communications and Media Relations
(817) 804-7764
Kelly.DeGarmo@mouser.com