

sensaris

EcoPM

Intelligent sensing of your environment



Compact wireless Indoor/outdoor particle measurement unit containing a GPS module for accurate city mapping.

SensPods are:

- Compatible with the widest variety of platforms (mobile phones, PCs, etc) and operating systems
- Easy to use and integrate with existing systems
- Low power
- Capable of communicating anywhere in real-time or store data

TECHNICAL SPECIFICATIONS

Hardware

Sensors

- Shinyei PPD42 NS

Measuring particles greater than 1 μm .

Transmitting every second the moving average of the last 30 seconds

- GPS unit with SiRF III Technology with 1 Hz measurement frequency.

Other

- Bluetooth Class 2 radio with range up to 30 m in free air
- Processor Texas Instruments MSP430
- 3.7 V Lithium ion battery rechargeable via mini USB connector
- 2G Bit micro SD Card

Dimensions: 75 mm x 97 mm x 46 mm (W x L x H) Weight: 133 g

Software

- Manage, control and visualize data using our mobile application or web interface
- Integrate data directly into your own application