



SMART PARTICULATE MATTER, TEMPERATURE,  
AND HUMIDITY METER

# Connected AirWits PM

Connected AirWits PM is a connected particulate matter, temperature, and humidity metering device for real and accurate air quality monitoring with ultra-low lifetime costs.

The device measures and periodically sends the particulate matter, temperature and humidity data by using the worldwide Sigfox IoT network connectivity for data transmission enabling very low lifetime cost. The device provides PM1.0, PM2.5 and PM10 readings.

Versatile, connected, maintenance free, ultra-low cost, powerful, accurate - perfect solution for easy, long term and cost-efficient air quality measurements with real particulate matter sensor.

- Casing: ABS plastic for indoor use
- Size: 100 x 100 x 42 mm
- Weight: 248 g
- Battery: 1 x D 3.6V
- Battery life: Up to 10 years (depending on settings and working environment)
- Measurement interval: Configurable (10 mins ... 21 h)
- Temperature range: -10 ... 60 °C, accuracy  $\pm 0.2$  °C
- Particulate matter range: 0 ... 1000 ug/m<sup>3</sup>, accuracy  $\pm 10$  ug/m<sup>3</sup> (between 0-100ug/m<sup>3</sup>) and  $\pm 10\%$  (between 100-1000ug/m<sup>3</sup>)
- Humidity range: 0 ... 95 %, accuracy  $\pm 2$  %
- Connectivity: Sigfox 868 / 902 / 920 MHz
- Operating zone: Sigfox RCZ1 / RCZ2 / RCZ4
- Certifications: CE, FCC, Sigfox Class 0U
- Warranty: 1 year
- Product code: CIPMM-3014-R0202 (RCZ1) / CIPMM-3214- R0202 (RCZ2) / CIPMM-3414-R0202 (RCZ4)