

# PRODUCT SUBMITTAL

# AtmosAware LE



## APPLICATION

The AtmosAware™ LE is a smart air quality monitor powered by highly accurate optical sensors that count individual particles in the air such as PM2.5 fine dust, VOC chemicals, temperature, and humidity. The Laser Egg is equipped with an innovative cloud-based calibration enabling access to real-time and historical data to track indoor air quality.

Mobile and connection capability, the LE can be monitored from anywhere via its mobile application to access historical trends and receive alerts, as well as sync with other home appliances via Apple HomeKit and IFTTT to run on autopilot to ensure safety and comfort to the indoor environment.

### Optional/Available

- Wall Mount Bracket



## SPECIFICATIONS

### General Product Information

Parameters Measured	PM2.5, TVOCs, Temperature, Relative Humidity, AQI Standards (US, CN, IN)
Connection	Wi-Fi
Included Accessories	1.5 USB Charging Cable
Compatibility	iOS9.0 and newer, Android 5.0 and newer, Apple HomeKit, IFTTT
Power Supply	Battery, Micro-USB
Battery	2200mAh Lithium (8 hours)
Dimensions	106mm x 88 mm (4.2" x 3.5"); 66mm (2.6") Display
Weight	292g (0.64 lbs)

### Sensor Type Details

PM2.5	Laser-based light scattering (MIE) Measurable Particle Size: 0.3µm-10µm Range: 1-999µg/m <sup>3</sup> Accuracy: ±10% (<30µg/m <sup>3</sup> :±3µg/m <sup>3</sup> ) Resolution: 1µg/m <sup>3</sup> Response Time: 100ms
TVOC	MEMS metal-oxide semiconductor Range: 0-9,999ppb Accuracy: ±15% Resolution: 1ppb Warm up: 5mins; auto baseline correction
Temperature	Range: -20°C - 100°C / -4°F - 212°F Resolution: 1°C / 33.8°F
Relative Humidity	Range: 0-99%RH Resolution: 1%
AQIs Supported	1-500 (US, CN, IN)

### Additional Technical Information

Connectivity & Integration	Wi-Fi Connection (2.4GHz)
Data Storage & Logging	Mobile Application, Apple HomeKit, IFTTT
Power Usage	Input DC - 5V 1A
Max Operating Temp.	0 to 45°C / 113°F (Battery life may be affected at under 0°C / 32°F)