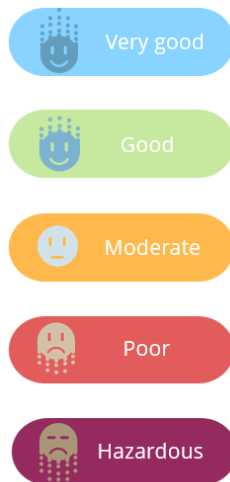


# ECOMLITE 2

## NEW-GENERATION INDOOR COMFORT MONITOR



A multicolor LED lets you know in real time the air quality index



More powerful, compact and equipped than the previous generation of monitors, EcomLite 2 continuously measures a full range of parameters including key pollutants for **indoor air quality** (CO<sub>2</sub>, VOC, CO, NO<sub>2</sub>, PM<sub>1/2.5/4/10</sub>) as well as environmental parameters (temperature, pressure, relative humidity, noise and brightness).

An all-in-one solution, EcomLite 2 features state-of-the-art technologies. Its dual-core microprocessor and Bluetooth Low Energy (BLE) mode doubles its executing power yet keeps it ultra-connected and energy efficient.

Its new built-in wall mounting system makes it a breeze to install. It can also be recessed or placed on a flat surface to blend seamlessly with any interior.

EcomLite 2 is then ideal for continuously measuring indoor air quality as part of a CSR strategy and HQE, WELL and BREEAM sustainable building certification requirements.

### + BENEFITS

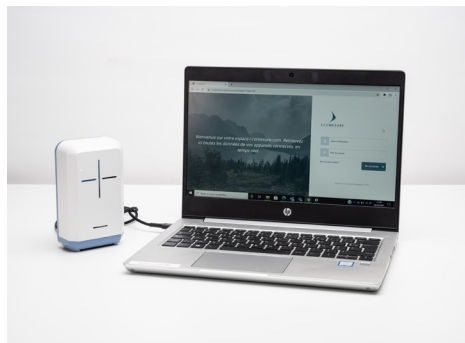
- + Powerful, compact and affordable
- + Easy to install and set up
- + Built-in multi-parameter system
- + Multiple connectivity protocols
- + High resolution

### + APPLICATIONS

- + Residential buildings
- + Smart offices, open-office layouts
- + Smart buildings
- + Commercial buildings: Conference rooms, reception rooms, restaurants, hotels, malls...

## ECOMLITE 2

## TECHNICAL SPECIFICATIONS



Dimensions	H5.5" x W3.3" x L1.9" (H140 x W85 x L50 mm) 0.57 lbs (0.26 kg)
Processor	32 bits Dual Core One measurement every 60 seconds (adjustable from 10s to 1h)
Connectivity	Ethernet, 2.4 GHz Wi-Fi Options: 5 GHz Wi-Fi, LoRa, 3G/4G, LTE-M, NB-IoT
Set-up	BLE settings app for iOS & Android Remote firmware updates via OTA (Over The Air)
Access to data	<a href="https://i-comesure.com">https://i-comesure.com</a>
Web services	Mapping   Multi-mode data display   Device status   Device remote control   Data storage   Data downloading   Configurable alerts/alarms   Data analytics reports   Virtual Integrated Devices (VID)   Data encryption   API   Data-base export   Data logger
Data security	Local + Cloud-based encryption WPA2-Enterprise compatible
Pollution index	Multicolor led
Data storage	Built-in microSD memory card Web storage
Power supply	5 VDC USB-C, 2A max. Power adapter included (90-264 VAC 50/60Hz) Integrated back-up battery (> 4 h of use) Option: PoE
Certifications	CE class B, FCC class A

## MEASUREMENT SPECIFICATIONS



Sensors	Technology	Measurement Range	Accuracy
PM <sub>1</sub> , PM <sub>2.5</sub> , PM <sub>4</sub> , PM <sub>10</sub>	Laser/Optical	< 1000 µg/m <sup>3</sup>	< 100 µg/m <sup>3</sup> ± 10 µg/m <sup>3</sup> ; > 100 µg/m <sup>3</sup> ±10%
CO <sub>2</sub>	MOX	400-2000 ppm	50 ppm at full scale
VOC		0-1000 ppb eq. isobutylene	10% at full scale
CO		0-1000 ppm	10% at full scale
NO <sub>2</sub>		0.05-10 ppm	10% at full scale
Noise	MEMS Microphone	10-80 dB SPL	1 dB
Ambient light	Photodiode	0-120000 Lx	10%
Temperature	Temperature sensor	14 to 140 °F (-10 to +60 °C)	0.9°F (0.5°C)
Humidity	RH sensor	0 to 100 %	3%
Pressure	Pressure sensor	300 to 1100 hPa	0.12 hPa