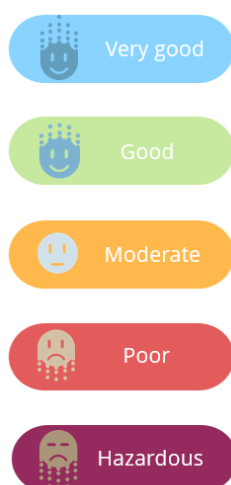


ECOMLITE 2

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** (CO₂, VOC, CO, NO₂, PM_{1/2.5/4/10}) 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	https://i-comesure.com
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 ₁ , PM _{2.5} , PM ₄ , PM ₁₀	Laser/Optical	< 1000 µg/m ³	< 100 µg/m ³ ± 15% ; > 100 µg/m ³ ±15 µg/m ³
CO ₂	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 ₂		0.05-10 ppm	10% at full scale
Noise	MEMS Microphone	10-80 dB SPL	1 dB
Ambient light	Photodiode	0-120000 Lx	0.0036 Lx
Temperature	Temperature sensor	-40 to 185 °F (-10 to +60 °C)	1°F (0.5°C)
Humidity	RH sensor	0 to 100 %	3%
Pressure	Pressure sensor	300 to 1100 hPa	0.12 hPa