



MICA-LITE/W

INTELLIGENT AIR QUALITY MONITOR TO PROVIDE A PROPER VENTILATION IN ENCLOSED SPACES



- AIR QUALITY MONITORING
- VIRAL TRANSMISSION PROBABILITY INDICATOR LAMP
- BUILT-IN SENSORS
- WIFI CONNECTION
- PLUG & PLAY
- CLOUD DATA MONITORING



- Ventilation is not required
- Ventilation is recommended
- Ventilation is required

INTELLIGENT MONITOR WITH TEMPERATURE, HUMIDITY, CO₂ AND PARTICULATE MATTER PM_{2.5} SENSORS

Get In Touch

Call: [0845 6880112](tel:08456880112)
 Email: info@adremit.co.uk

Our Address

Puravent, Adremit Limited, Unit 5a, Commercial Yard,
 Settle, North Yorkshire, BD24 9RH





Energy savings and optimum indoor air quality

Ventilation and health; basic air requirements in enclosed spaces

The indoor air quality monitor MICA-LITE/W, monitors air quality conditions in enclosed spaces to protect people's health and to identify the need for ventilation in real time.

The concentration of CO₂ is the main indicator of whether or not the air renewal rate is sufficient to achieve a healthy indoor environment. The CO₂ level generated by breathing tends to increase in indoor spaces. Acceptable levels of CO₂ can fluctuate between 400 ppm and 800 ppm (outdoor air has 400 ppm).

MICA-LITE/W illuminates to indicate if ventilation is necessary, thus improving air the quality, thermal comfort and energy savings.

An air quality monitor uses various parameters to record the pollutants that are present inside the building. A thorough study may then be conducted to determine the best solution for improving indoor air quality.



Low



Moderate



High

Viral transmission probability indicator lamp

Statistical indicator lamp based on the probability of viral transmission according to set parameters:



TEMPERATURE

Temperature affects the ability of viruses to survive.



CO₂

Indicates the efficiency of the ventilation.



SUSPENDED PARTICULATE MATTER

May be the vehicle used by viruses to spread.



RELATIVE HUMIDITY

Low RH dries out mucus and increases vulnerability to viral infections.



STATUS LED

- Ventilation is not required
- Ventilation is recommended
- Ventilation is required



DATA MONITORING

Real time cloud monitoring and storage of downloaded data.



CONTROLLED AIR QUALITY CERTIFICATE

By having an air quality certificate visible at your establishment, users will know that they are inside a healthy space, where air quality is monitored. Also, data can be shared via a QR code.



INSTALLATION AND MAINTENANCE

Self-installable equipment, easy to install with set-up guide and remote assistance. Maintenance free, self-calibrating sensors.

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MICA-LITE/W

Air quality monitor to provide proper ventilation in enclosed spaces



Air quality monitor with real time cloud monitoring and air status and ventilation recommendation indicator lamp.

Monitors

- Temperature.
- Humidity.
- Suspended particulate matter PM_{2.5}.
- CO₂.

My Inbiot platform:

- Free and unlimited service.
- Easy and intuitive interface.
- Online access from any device.
- Online storage and data download.
- Personalised information and improvement recommendations.

Installation and maintenance:

- Self-installable equipment.
- Easy installation and set-up guide.
- Remote assistance.
- Maintenance free, self-calibrating sensors.
- Wall-mounted.

Data displayed on screen:

- Viral transmission probability indicator lamp.
- Data displayed on information screens for public spaces.
- Option of integration on the platform via a public API.

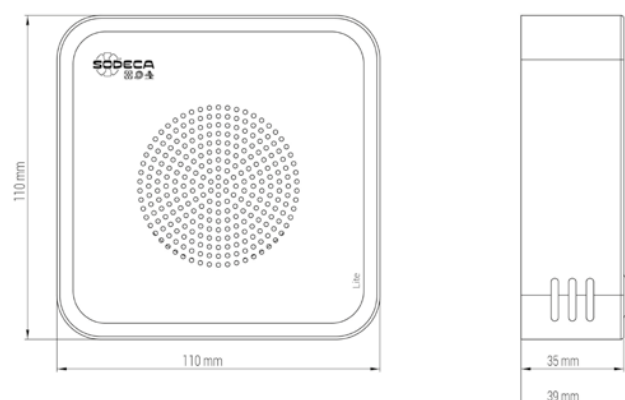
On request:

- Desktop equipment MICA-LITE/T.

Technical characteristics

	Supply voltage (V)	Operating temperature (°C)	Weight (kg)	Protection class
MICA-LITE/W	230 V AC 50/60 Hz	-10 to +50	0.15	IP40

Dimensions mm



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