

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



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.

Energy savings and optimum 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.

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.

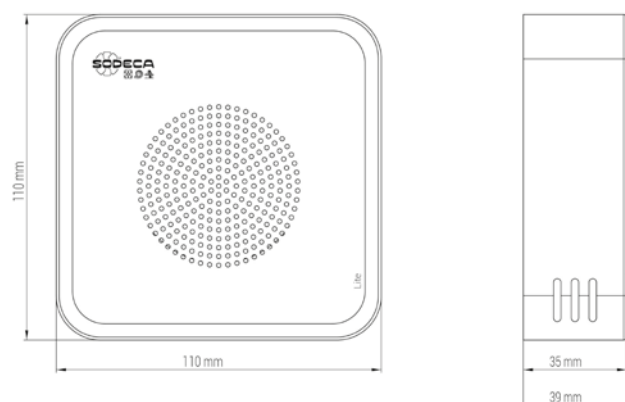
On request:

- 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





HEADQUARTERS Sodeca, S.L.U.

Pol. Ind. La Barricona
Carrer del Metall, 2
E-17500 Ripoll
Girona, SPAIN
Tel. +34 93 852 91 11
Fax +34 93 852 90 42
General sales: comercial@sodeca.com
Export sales: ventilation@sodeca.com

PRODUCTION PLANT Sodeca, S.L.U.

Ctra. de Berga, km 0,7
E-08580 Sant Quirze de Besora
Barcelona, SPAIN
Tel. +34 93 852 91 11
Fax +34 93 852 90 42
General sales: comercial@sodeca.com
Export sales: ventilation@sodeca.com



EUROPE

FINLAND Sodeca Finland, Oy

HUITTINEN
Sales and Warehouse
Mr. Kai Yli-Sipilä
Metsälinnankatu 26
FI-32700 Huittinen
Tel. + 358 400 320 125
orders.finland@sodeca.com

HELSINKI
Smoke Control Solutions
Mr. Antti Kontkanen
Vilppulantie 9C
FI-00700 Helsinki
Tel. +358 400 237 434
akontkanen@sodeca.com

HYVINKÄÄ
Industrial Applications
Mr. Jaakko Tomperi
Niinistökatu 12
FI-05800 Hyvinkää
Tel. +358 451 651 333
jtomperi@sodeca.com

ITALIA Marelli Ventilazione, S.R.L.

Viale del Lavoro, 28
37036 San Martino B.A.
(VR), ITALY
Tel. +39 045 87 80 140
vendite@sodeca.com

PORTUGAL Sodeca Portugal, Unip. Lda.

PORTO
Rua Vello Salgado
1120/1138
4450-801 Leça de Palmeira
Tel. +351 229 991 100
geral@sodeca.pt

LISBOA
Pq. Emp. da Granja Pav. 29
2625-607 Vialonga
Tel. +351 219 748 491
geral@sodeca.pt

ALGARVE
Rua da Alegria, 33
8200-569 Ferreiras
Tel. +351 289 092 586
geral@sodeca.pt

UNITED KINGDOM Sodeca Fans UK, Ltd.

Mr. Mark Newcombe
Tamworth Enterprise Centre
Philip Dix House, Corporation
Street, Tamworth, B79 7DN
UNITED KINGDOM
Tel. +44 (0) 1827 216 109
sales@sodeca.co.uk

AMERICA

CHILE Sodeca Ventiladores, SpA.

Sra. Sofía Ormazábal
Santa Bernardita 12.005
(Esquina con Puerta Sur)
Bodegas 24 a 26,
San Bernardo, Santiago, CHILE
Tel. +56 22 840 5582
ventas.chile@sodeca.com

COLOMBIA Sodeca Latam, S.A.S.

Sra. Luisa Stella Prieto
Calle 7 No. 13 A-44
Manzana 4 Lote 1, Montaña
Mosquera, Cundinamarca
Bogotá, COLOMBIA
Tel. +57 1 756 4213
ventascolombia@sodeca.co

PERU Sodeca Perú, S.A.C.

Sr. Jose Luis Jiménez
C/ Mariscal Jose Luis de
Orbegoso 331. Urb. El pino,
15022, San Luis. Lima, PERU
Tel. +51 1 326 24 24
Cel. +51 994671594
comercial@sodeca.pe

RUSSIA

RUSSIA Sodeca, L.L.C.

Mr. Stanislav Alifanov
Severnoye Shosse, 10 room 201
Business Park Plaza Ramstars
140105 Ramenskoye,
Moscow region, RUSSIA
Tel. +7 495 955 90 50
alifanov@sodeca.com



www.sodeca.com

