



AurAir Air-Quality Monitoring

EASY TO INSTALL

Just plug the AurAir meter into any power socket and it works. You can still use the socket for other electrical devices.

EASY TO READ

CO₂ and humidity levels are easy to read from a distance and are shown in green (good), orange (mid) and red (bad).

EASY ON THE EYE

The straightforward design and small size make the AurAir meter fit into any interior, modern or traditional.

WRONG CO₂ AND HUMIDITY LEVELS CAN BE DANGEROUS

Research shows that exposure to high levels of CO₂, but also to wrong levels of humidity, are often the cause of annoying health problems. At night, in your bedroom, you may experience a sore throat, mild headaches or a stuffed nose. During the day, in the office, you may experience fatigue, even more headaches and dry or irritated eyes when wearing contact lenses.



The AurAir helps you keep your indoor environment healthy

Indoor air-quality, especially CO₂ and humidity levels, has a big impact on your health. Because the breath people exhale is one of the bigger causes of rising indoor CO₂ levels, the health-risks are most urgent in confined home and office spaces. Think for example about the bedrooms in your home (closed doors, long hours) or the meeting rooms (many people, small space) and open offices (many people, long hours) at your work.

Up-to-now, measuring air-quality indoors correctly required complex and costly instruments. This changes as of now! With the new indoor air-quality meter of AurAir it is now possible to closely monitor both CO₂ and humidity levels in every room or space that is important to you. The AurAir meter fits in every power socket and is easy to read and understand for everybody.

Monitor your indoor air-quality from anywhere you want

Because the AurAir meter is fully IoT driven, the CO₂ and humidity measurements can not only be monitored directly on the device itself, but also on any other connected device like your smartphone.

The AurAir meter itself has an easy to read and understand display that can show up to 24 hours of history.

The WiFi connection enables you to see current measurements, but also your full measurement history on any device.



MASTER BEDROOM

The most important place that affects your health is your own bedroom, the room where you rest and spend almost one third of your life.

OPEN OFFICE

Many people work in large office spaces shared with many others for many hours. Bad air-quality causes discomfort and productivity loss.

MEETING ROOM

At work, the CO2 levels in meeting rooms can rise very quickly especially when ventilation is not dynamic and windows can not be opened.

For more information on any of our products or services please visit us on the Web at:

<https://www.aurair.eu/>

info@aurair.eu

PLATFORM	AurAir
GENERAL	
MODEL	BI
DIMENSIONS (LxWxH)	138.6mm x 54.1mm x 77.4mm
WEIGHT	186 grams
POWER INPUT/OUTPUT	230VAC, 50Hz
MAXIMUM LOAD	3500W
POWER USAGE	1.5W (idle) ~ 3W (Max)
OPERATING TEMPERATURE	Range: 0 ~ 50 degrees C
RELATIVE HUMIDITY	Range: 0 ~ 100 %RH (NOT suitable for wet areas!)
SOCKET	CEE 7/3
PLUG	CEE 7/7
IP CLASS	IP40
FEATURES	
INTERFACES	WiFi 802.11 b/g/n
FREQUENCY BAND	2.4 GHz
LEDS (INTERNAL)	Red: Solid when user AC socket is powered; Blue: blinks when unit is connected and associated to an WiFi network
CONTROLS	3 Push Buttons for display, graph and settings
ANTENNA	Internal
SENSORS	
CO2	NDIR Infrared gas module, range: 0 ~ 5000 ppm Accuracy: ±50ppm+5% reading value
TEMPERATURE	Range: -40 ~ 85 degrees C, Accuracy: ±1 C
HUMIDITY	Range: 0 ~ 100 %RH, Accuracy: ±3% RH
PRESSURE	Range: 300 ~ 1100 hPa, Accuracy: ±1.7 hPa
NETWORKING & SECURITY	
WiFi DATA RATE	150Mbps (max)
TRANSMIT POWER	+20.5dBm (802.11b); +18dBm (802.11n)
RECEIVER SENSITIVITY	Automatic Gain Control (AGC)
ADMIN SECURITY	Website Digest Password Protected
OVERLOAD PROTECTION	1A/230VAC Fuse protection for PCB and sensors
TEMPERATURE PROTECTION	Temperature fuse
CERTIFICATIONS	
RoHS	Compliant according to the EU Directive 2011/65/EC
CE	Compliant according to the EU Directive 2008/768/EC

PART NUMBERS	DESCRIPTION
BI-CEE7/3	AurAir Model BI with CEE 7/3 Socket en CEE 7/7 Plug