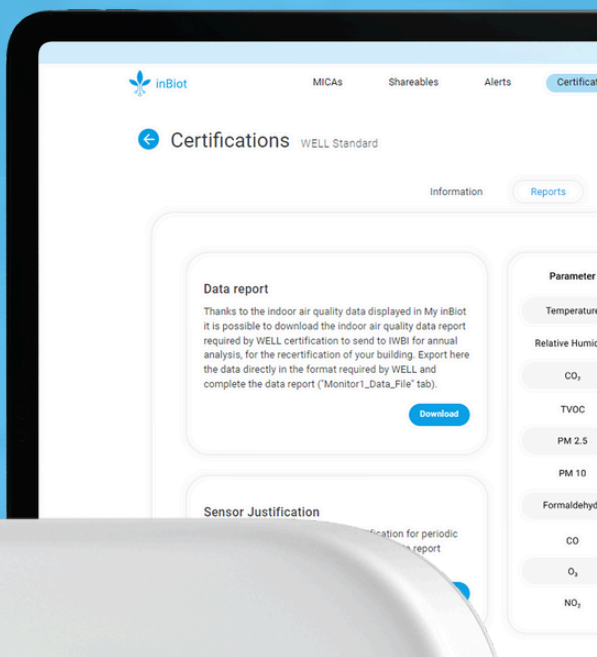




Accredited Indoor Air Quality Solutions for Building Certifications.



WELL: Health and wellness in buildings

Collects the data needed to meet WELL Certification and WELL Performance Rating criteria. Secure mandatory requirements and earn additional points towards qualification.



Action Areas	Feature	Part	Parameter	Requirement	MICA	MICA WELL
A01	Air Quality	1	PM2.5, PM10	Precondition	✓	✓
		2	TVOC monitoring	Precondition	✓	✓
		3	CO, O ₃	Precondition	✗	✓
		5	PM2.5, PM10, TVOC, CO, O ₃ , Formaldehyde	Precondition	✓	✓
A03	Ventilation Design	1	CO ₂	Precondition	✓	✓
A05	Enhanced Air Quality	1	PM2.5, PM10	Optimization 2 pts	✓	✓
		3	CO, NO ₂	Optimization 1 pt	✗	✓
A06	Enhanced Ventilation Design	1	CO ₂	Optimization 2 pts	✓	✓
A07	Operable Windows	2	Temperature, Rel. Humidity, PM2.5, PM10	Optimization 1 pt	✓	✓
A08	Air Quality Monitoring and Awareness	1	3 out of: PM2.5, PM10, TVOC, CO, O ₃ , NO ₂ , Formaldehyde, CO ₂	Optimization 1 pt	✓	✓
		2	Data visualization accesible to occupants	Optimization 1 pt	✓	✓
T01	Thermal Performance	1	Temperature, Rel. Humidity	Precondition	✓	✓
		2	Temperature, Rel. Humidity	Precondition	✓	✓
T06	Thermal Comfort Monitoring	1	Temperature, Rel. Humidity, data visualization	Optimization 1 pt	✓	✓
T07	Humidity Control	1	Relative Humidity	Optimization 1 pt	✓	✓

RESET: The Indoor Air Quality Standard

Monitor all indoor air quality parameters required by RESET Air and meet project data and performance requirements.
Track your progress for certification in real-time



The MICA devices are accredited with RESET Grade B certification, meeting the precision and resolution standards required by RESET.

Parameter	Unit	Resolution	Range	Accuracy	MICA	MICA WELL
CO ₂	ppm	5	400 - 5000	± 50 && 3% (400 - 2000) ± 50 && 5% (2000 - 5000)	✓	✓
PM 2.5	µg/m ³	1	0 - 500	± 5 && 15% (0 - 150) ± 5 && 20% (150 - 500)	✓	✓
TVOC	µg/m ³	10	150 - 2000	± 20 && 15% (150 - 600) ± 20 && 20% (600 - 2000)	✓	✓
Temperature	°C	0.1	0 - 40	1	✓	✓
Relative Humidity	%	1	10 - 80	8	✓	✓

LEED: Energy Efficiency and Sustainable Design

Obtain Indoor Environmental Quality points on your LEED projects. Meet requirements for enhanced strategies, assessment and performance of indoor air quality.



V4.1 version

LEED BD+C & ID+C

Credit	Part	Parameter	Requirement	MICA	MICA WELL
Minimum Indoor Air Quality Performance	Monitoring for Naturally Ventilated Spaces	CO ₂	Prerequisite	✓	✓
Enhanced Indoor Air Quality Strategies (6 strategies for 2 points or 3 for 1)	Strategy 9. CO ₂ monitoring	CO ₂	Credit	✓	✓
	Strategy 10. Additional source Control and Monitoring	Additional contaminants	Credit	✓	✓
Indoor Air Quality Assessment (for 2 points)	Option 1. Flush-Out (1 point)	Temperature & Humidity	Credit	✓	✓
		PM 2.5 & PM 10	Credit	✓	✓
	Option 2. Air testing (1 point)	CO	Credit	✗	✓
		Ozone	Credit	✗	✓

LEED O+M

Credit	Parameter	Requirement	MICA	MICA WELL
Indoor Environmental Quality Performance (8 to 20 points)	CO ₂	Prerequisite	✓	✓
	TVOC	Prerequisite	✓	✓

V5 version

LEED BD+C & ID+C

Credit	Part	For	Requirement	Parameters	Concentration limits	MICA	MICA WELL
Enhanced Air Quality EQc1	Option 2. Enhanced Indoor Air Quality Design (1 pt)	New construction Core and Shell	Credit	CO ₂	10 µg/m ³	✓	✓
				Formaldehyde	20 µg/m ³	✗	✓
				Ozone	10 ppb	✗	✓
Air Quality Testing and Monitoring EQc5	Option 2. Continuous Indoor Air Monitoring (1 pt)	New construction	Credit	CO ₂	Monitoring only	✓	✓
				PM2.5		✓	✓
				TVOC		✓	✓
				T&RH		✓	✓

LEED O+M

Credit	Part	Requirement	Parameters	Concentration limits	Pts	MICA	MICA WELL
Indoor Air Quality Performance EQc1	Option 1. Continuous Indoor Air Monitoring (1 to 10 points)	Credit	CO ₂	>1000 ppm	2	✓	✓
				<1000 ppm	3	✓	✓
				<800 ppm	4	✓	✓
			TVOC	Any level	2	✗	✓
			PM2.5	>15 µg/m ³	2	✗	✓
				<15 µg/m ³	3	✗	✓
				<12 µg/m ³	4	✗	✓

BREEAM: Sustainable construction

Earn points towards your BREEAM certification in the "Health & Wellness" category by monitoring indoor air quality and thermal comfort with MICA.



Part	Issues	Description	Credits	Parameters	Threshold	MICA	MICA WELL
Asset Performance	Hea 9. CO ₂ Sensors	In areas subject to broad and unpredictable or variable occupancy patterns [1]	2 pts	CO ₂	Recommended value: <1200 ppm	✓	✓
		In areas subject to broad and unpredictable or variable occupancy patterns and in all regularly occupied spaces [1]	4 pts		Maximum Value: <1750 ppm		
	Hea 10. CO Detection	In all spaces with combustion appliances	1 pt	CO	Monitoring	✗	✓
		In all enclosed parking areas	1 pt				
Management Performance	Hea 14. Thermal Comfort	Temperature measurement	2 pts	Temperature	Monitoring	✓	✓
	Hea 16. IAQ Management	Procedures for regularly monitoring IAQ	1 pt	CO ₂ + 2 of: CO, PM, TVOC, Formaldehyde, NOx, Radon	Monitoring	✓	✓

FITWEL: Healthy buildings

Meet the "Indoor Environments" monitoring strategies, reporting results and air quality policy for your Fitwel certification.



Trust in an expert team.

inBiot is a member of the International WELL Building Institute (IWBI), and we have a team of specialists, including WELL AP professionals, ready to advise and guide you towards your certifications.



MICA: Smart Indoor Air Quality Monitor

MICA devices fully comply with the precision and technology standards of certifications, combining performance, reliability, and cost-effectiveness.



Self-installation (wall & desktop) and easy configuration.



Sensors with a lifespan of over 10 years for zero maintenance.



Wi-Fi, NB-IoT/LTE-M, Sigfox, and LoRaWAN connectivity.



BMS integration via Modbus TCP/IP, Modbus RTU, BACnet, MQTT, and API protocols.



Maximum data security: MQTT IoT communication protocol.



Automation of HVAC systems for maximum energy efficiency.

Accredited technology

Backed by the industry's most demanding standards, MICA holds RESET Air Accreditation and is the first device in Spain certified by the International WELL Building Institute (IWBI) with the "Works with WELL" seal.



Which MICA suits your needs?

MICA Mini

Specially designed to optimize the air conditioning and ventilation of your spaces.

MICA

Control of the main parameters of air quality to maintain a healthy environment and meet the requirements of RESET, WELL, LEED, FITWELL, and BREEAM certifications.

MICA Plus

The favorite of healthy building and indoor air quality professionals, with a formaldehyde sensor for high-risk environments like hospitals and laboratories.

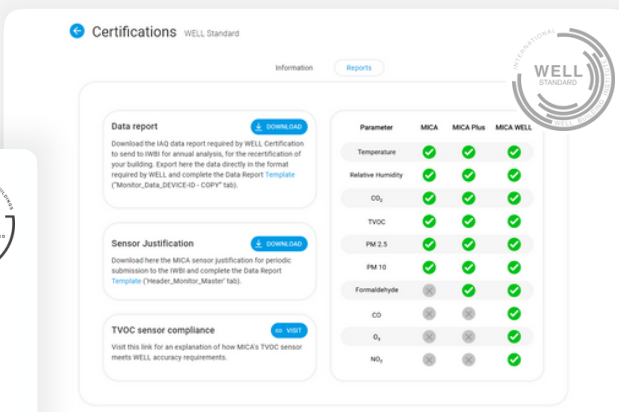
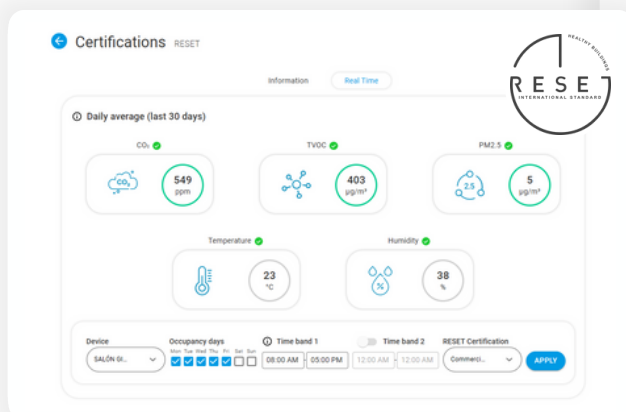
MICA WELL

The most comprehensive monitor for total control of indoor air quality. Monitor a wide range of parameters to achieve the highest WELL score compared to any other device available on the market.

MICA Mini	MICA		MICA Plus	MICA WELL
✓	✓	Temperature	✓	✓
✓	✓	Humidity	✓	✓
✓	✓	CO ₂	✓	✓
✗	✓	TVOC	✓	✓
✗	✓	PM 10	✓	✓
✗	✓	PM 2.5	✓	✓
✗	✗	PM 4.0	✓	✓
✗	✗	PM 1.0	✓	✓
✗	✗	Formaldehyde	✓	✓
✗	✗	Ozone	✓	✓
✗	✗	NO ₂	✗	✓
✗	✗	CO	✗	✓
Optional	Optional	Noise	Optional	Optional
✓	✓	Thermohygrometric Comfort Indicator	✓	✓
✓	✓	Ventilation Efficiency Indicator	✓	✓
✓	✓	Resistance to Mold Growth Indicator	✓	✓
✗	✓	Virus Spread Resistance Indicator	✓	✓
✗	✓	Indoor Air Quality Indicator	✓	✓

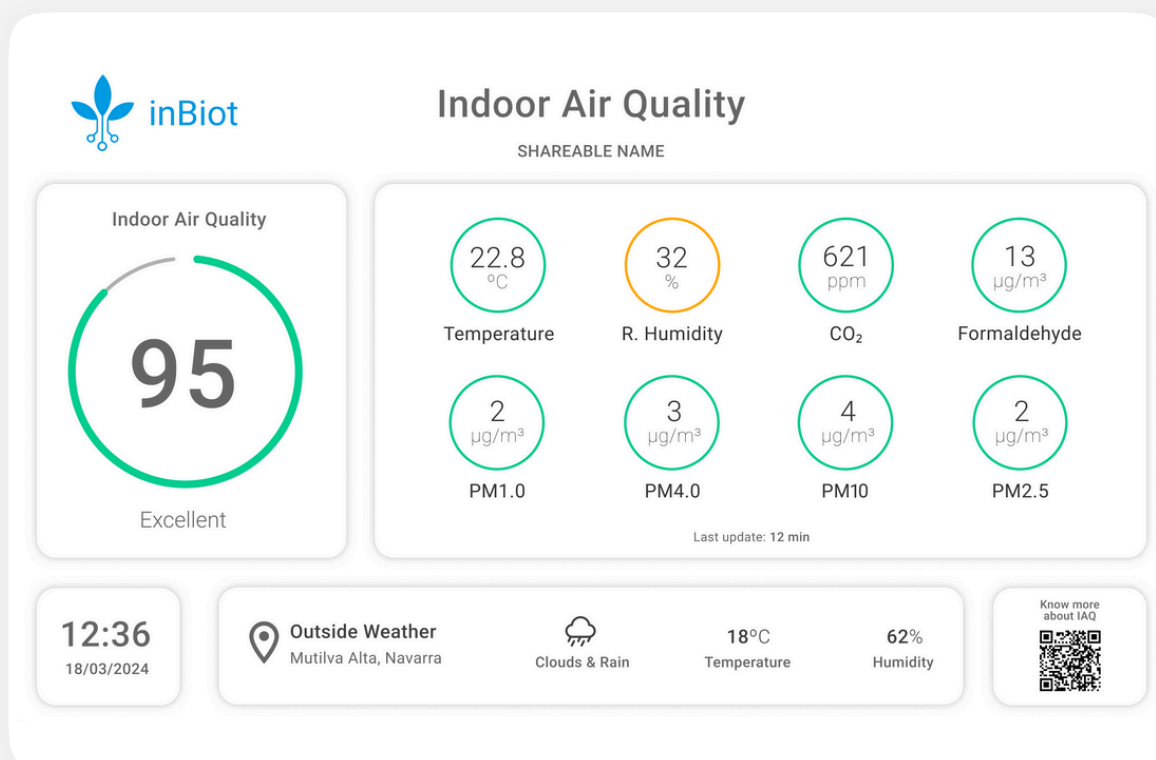
- Advanced functionalities to aid you in achieving your certifications. Save time and simplify the process!

Download data reports in the format required by WELL



Track your progress towards RESET certification in real time.

- User-accessible visualization to fulfill transparency and awareness requirements in indoor air quality.





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