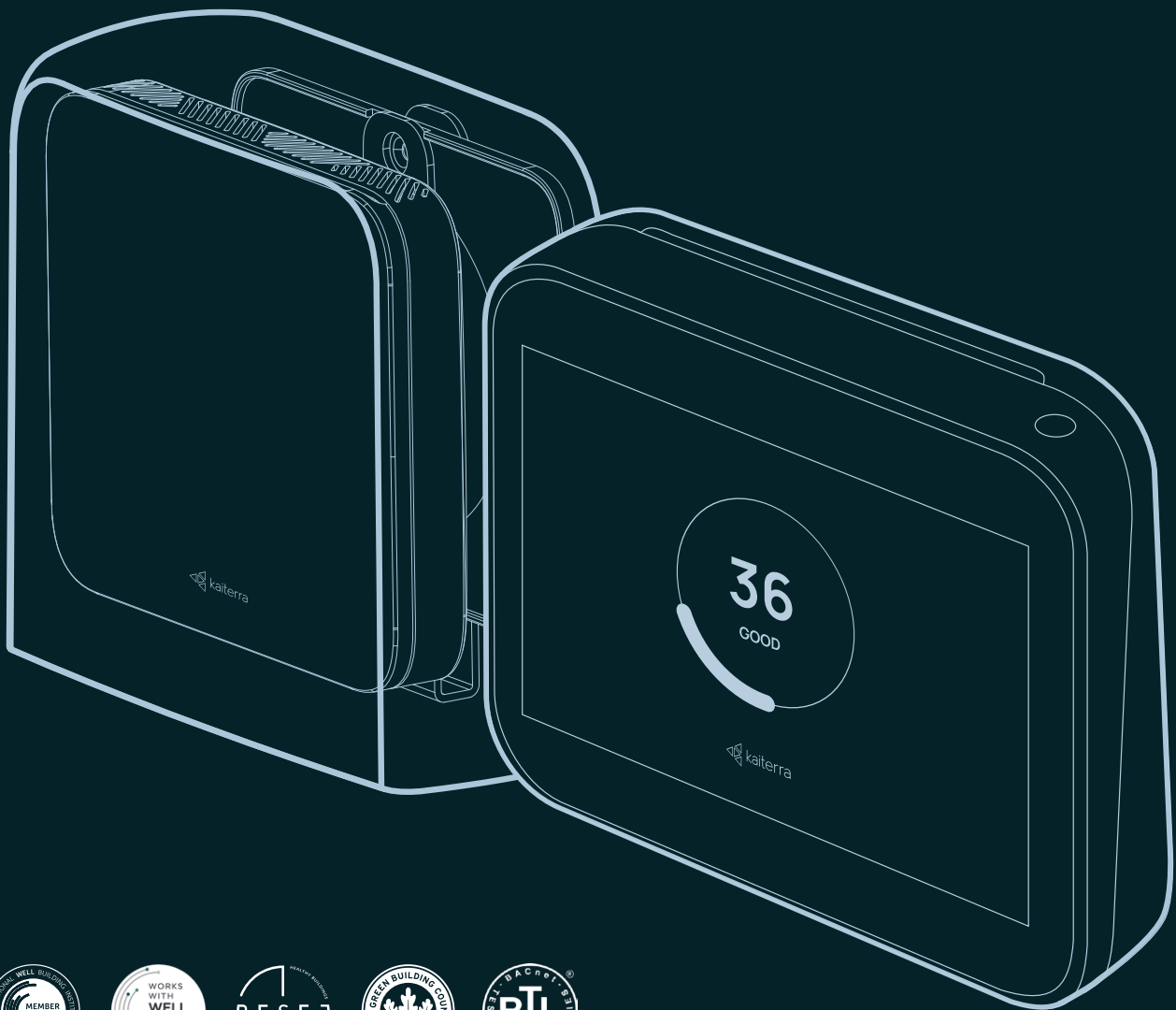




Air Quality Analytics and Optimization Solutions

For Healthy Buildings and Workplaces



Empowering workplace leaders and healthy building teams to create world-class buildings and spaces that are smart, healthy, and sustainable

Healthy Workplaces

Leverage Kaiterra's air quality analytics and optimization solutions to deliver elevated workplace experiences that engage the workforce, retain talent, boost health, and increase productivity.

High Performance Buildings

Make data-driven decisions in building design and operations with real-time air quality data and insights. Deliver smart, innovative, healthy, and sustainable buildings.

Green Building Certifications

Monitor and improve indoor air quality to win points towards valuable building certifications and rating programs, such as WELL, LEED, Fitwel, RESET, and UL Verified Healthy Buildings.

Kaiterra's Air Quality Analytics and Optimization Solutions



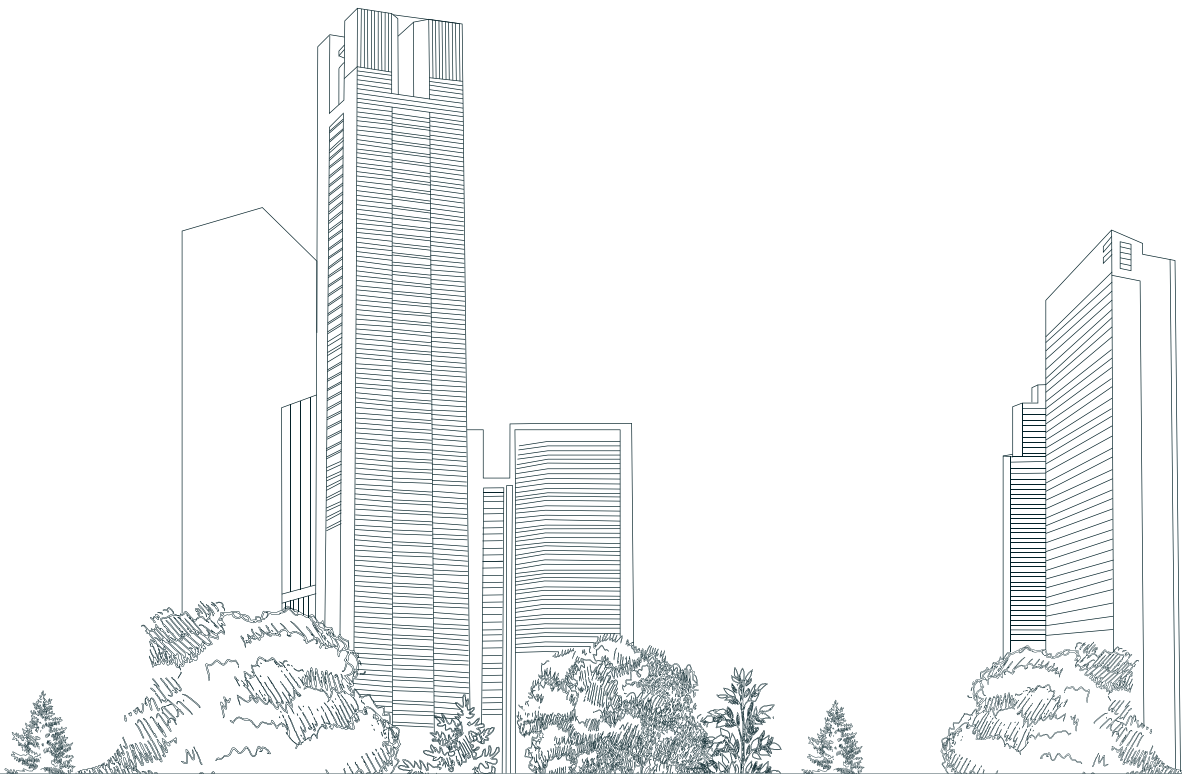
Hardware



Software



People








HARDWARE

Sensedge (SE-100)

Premium IAQ monitor with a stunning display.

Parameters:

	PM _{2.5}
	CO ₂
	TVOC
	Temperature
	Humidity



Modules:

KM-100 (Sensedge):

Particulate Matter



KM-103 (Sensedge):











TVOC

Temperature

Relative Humidity



Features:







	RESET Grade B Certified
	Modular Design
	Cloud Storage
	8GB On-Board Memory
	7" Full Color Touchscreen
	5200mAh Battery Up to 8 Hours of Battery Life
	Wi-Fi
	Ethernet
	Modbus
	BACnet*

* The Sensedge is BTL certified under the BACnet Smart Sensor (B-SS) device profile.









Sensedge Mini (SE-200 & SE-200P)

Blends in anywhere and gets the job done. Works with WELL*.

Parameters:

	PM _{2.5}
	CO ₂
	TVOC
	O ₃ **
	Temperature
	Humidity

Features:

	RESET Grade B Certified
	Modular Design
	Cloud Storage
	Minimal, Unobtrusive Design
	Wi-Fi
	Ethernet
	Modbus
	BACnet***



Modules:

KM-203
(Sensedge Mini):

TVOC



KM-200
(Sensedge Mini):

Particulate Matter



KM-207
(Sensedge Mini):

TVOC

Ozone



* The Sensedge Mini is part of the [Works with WELL](#) catalog and contributes to the achievement of specific WELL strategies.





** Ozone measurement available with KM-207 module.

*** The Sensedge is BTL certified under the BACnet Smart Sensor (B-SS) device profile.

Sensedge Mini for Outdoors (SE-201 & SE-201P)








An all-weather solution for outdoor air quality monitoring.

Parameters:

	PM _{2.5}
	CO ₂
	Temperature
	Humidity



Features:

	Modular Design
	Cloud Storage
	Durable, All-Weather Performance
	Wi-Fi
	Ethernet
	Modbus
	BACnet

Modules:

KM-200
(Sensedge Mini):

Particulate Matter



Kaiterra Dashboard

More than viewing and exporting raw data - it's your IAQ powerhouse with advanced analytics.

The Kaiterra Dashboard is a powerful tool to help you extract insights from your IAQ data so that you can make meaningful improvements to your indoor environment.

Designed with our years of experience in helping workplace leaders and healthy building pioneers improve their air, the Kaiterra Dashboard is more than a data visualization platform but packed with powerful reporting and analytics features. Whether you manage a single facility or oversee a global portfolio, the Kaiterra Dashboard provides you with the right tools to benchmark, analyze, and optimize your IAQ.

Data Access and Export

Real-time Data

Historical Trends

Kiosk View

CSV Export

PNG Export

WELL Certification Export

Analytics and Reporting

Device Comparison Tool

IAQ Distribution Report

Space v.s Time Report

WELL Certification Report

RESET Certification Report

Weekly Email Report

Alert Builder

Enterprise Management

Building Management

Device Management

User Management

Breakpoint Setting

Single Sign-On



People

A team that truly knows IAQ inside and out to help you create real impact.

At Kaiterra, we consider ourselves 'certified air nerds'. We use our collective expertise and team of experienced professionals to help our clients drive change. We continuously invest in building our knowledge base and maintain strong relationships with several key organizations in the field, including WELL,

RESET, USGBC, AIA, and Nexus Labs. By staying up-to-date with the latest research and best practices, we are able to provide our clients with cutting-edge solutions and recommendations that positively impact their air quality.



Kaiterra provides support throughout the entire IAQ monitoring process, from setup and onboarding, to discovery and evaluation, and finally ongoing review and support. Our team will assist you with the initial stages of project scoping, one-on-one onboarding, and installation support. We are committed to continuing support after initial implementation, providing quarterly data reviews and check-ins, ongoing email support, and feature education to ensure continued success. As changes are made based on our recommendations, we will reassess the impact we are providing and drive positive change.



TECHNICAL SPECIFICATIONS



Sensedge
Specifications



Sensedge Mini
Specifications



Sensedge Mini for
Outdoors
Specifications



Say goodbye to data silos. Say hello to fully integrated automated solutions.

 METASYS

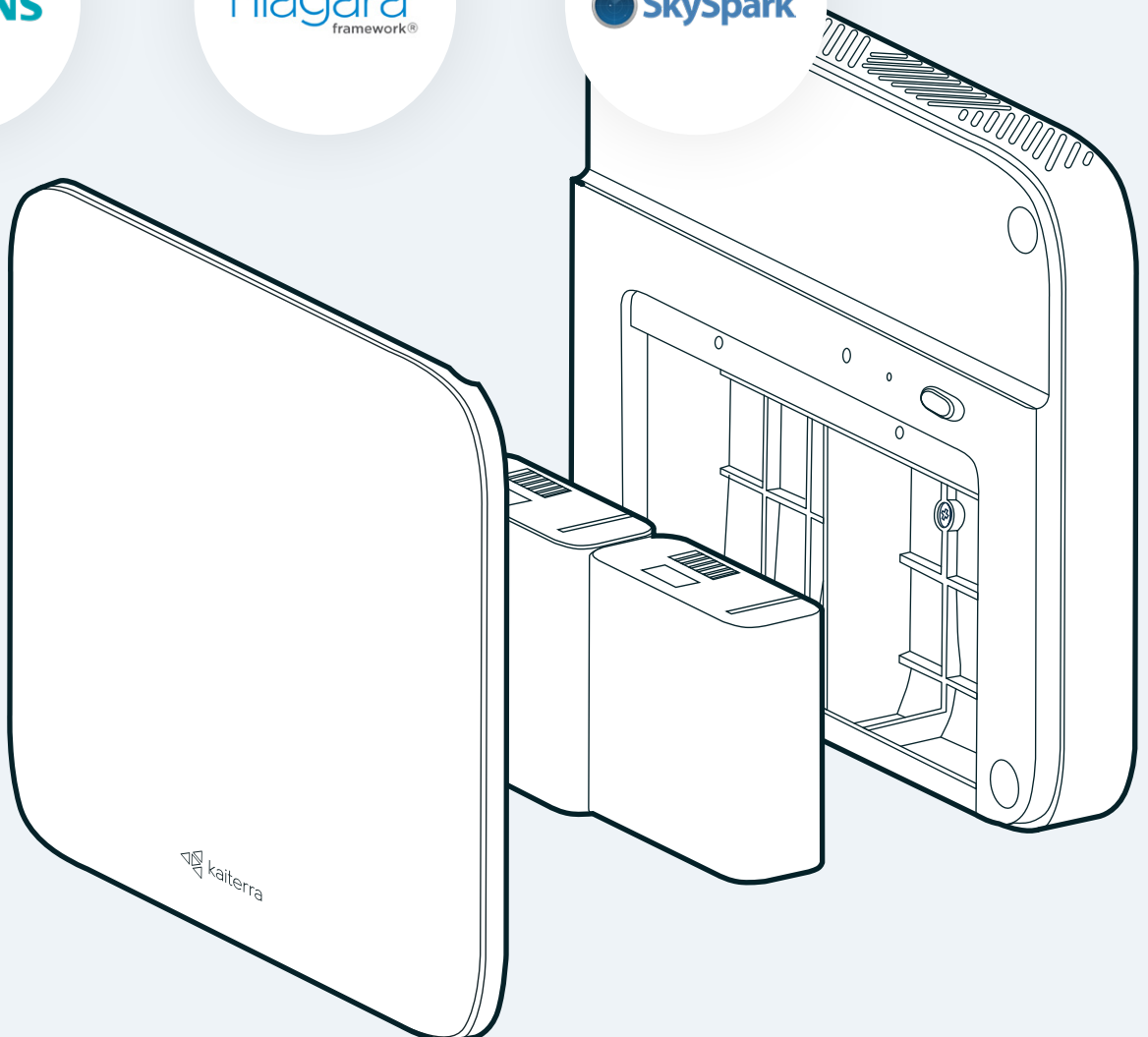
 Schneider
Electric

OpenBlue

SIEMENS

niagara
framework®

 SkySpark

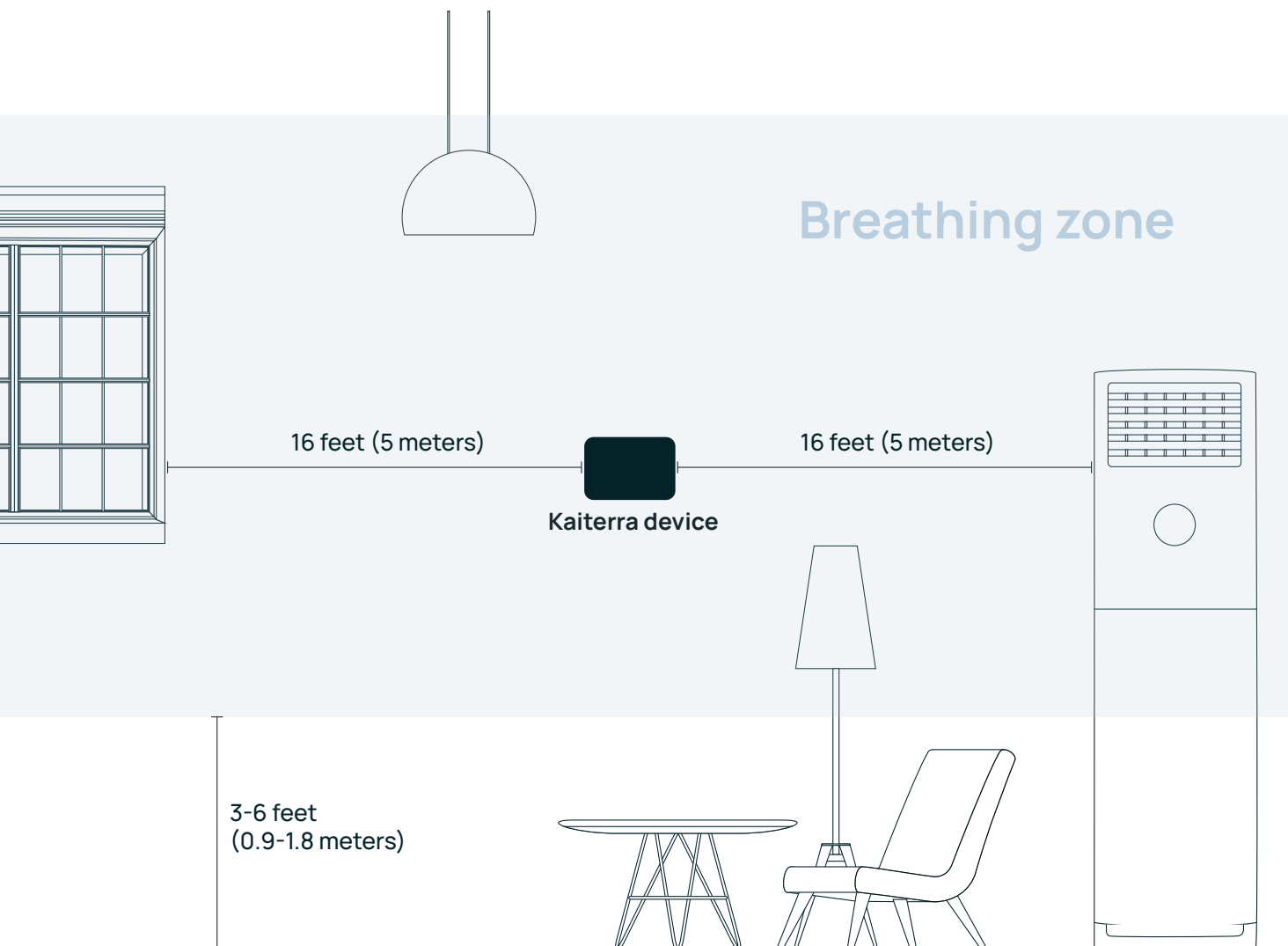


Placement Guidelines

INDOORS

When deciding where to position air quality monitors, it is important to prioritize representativeness. This means that the readings from the devices should accurately reflect the air quality that people are exposed to. Achieving this goal requires careful consideration of factors such as the height, relative placement, and density of the monitors.

- ✓ Wall-mounted and centrally located within monitored spaces
- ✓ Mounted within the breathing zone: between 3 to 6 feet (900-1800 mm) from the ground
- ✓ Located at least 5 meters (16 feet) away from operable windows, as well as air filters and fresh-air diffusers
- ✓ Hard-wired to a permanent power source (recommended)

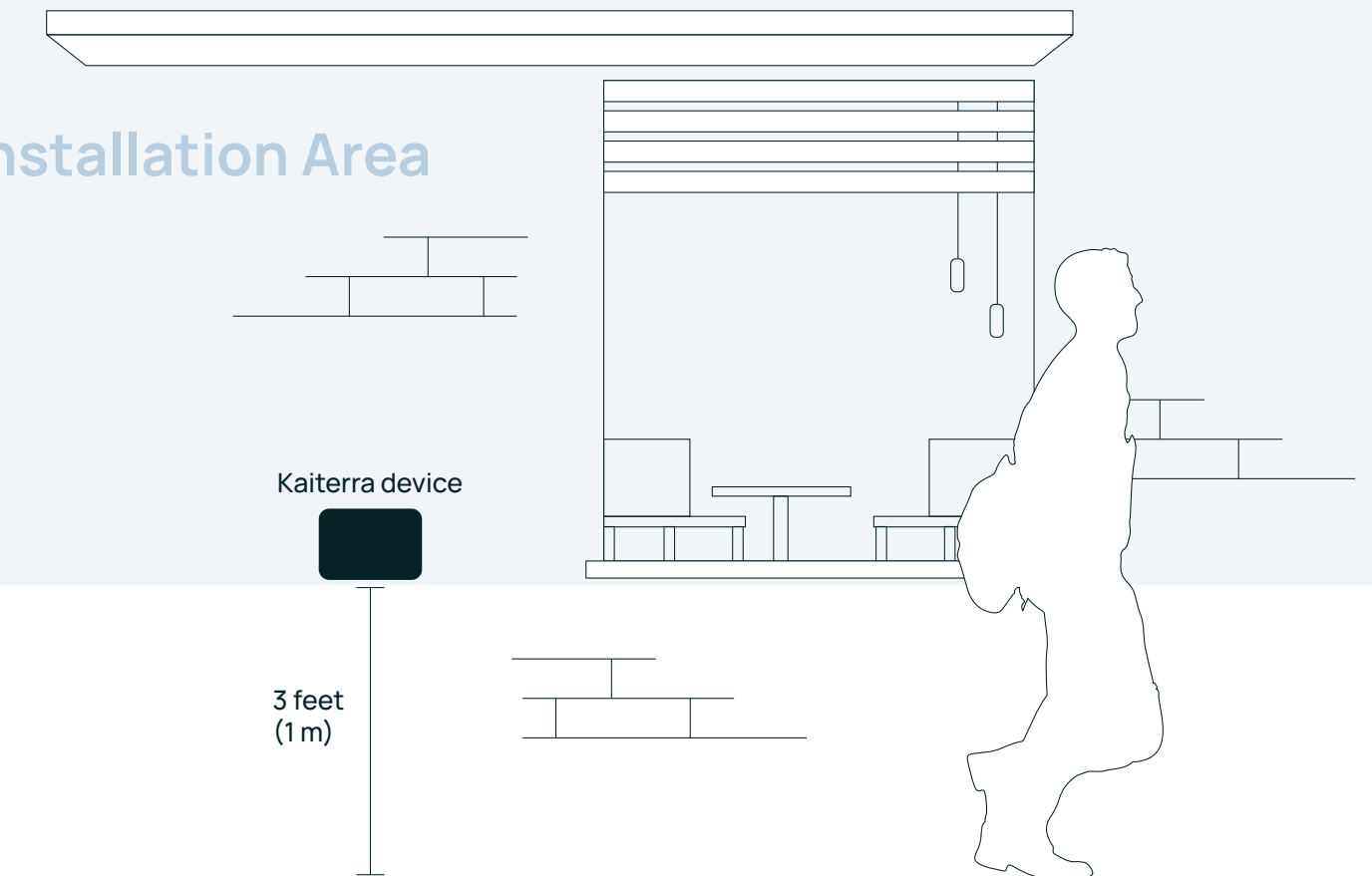


OUTDOORS

When positioning outdoor monitors, it's crucial to consider locations that accurately represent the overall air quality in a given area. Install monitors in open locations and away from obstructions that can influence airflow patterns and pollutant diffusion. Ensure monitors are positioned at a sufficient height and avoid locations that are prone to flooding.

- ☑ In a covered area away from direct sunlight
- ☑ Vertically upright with the opening facing downward
- ☑ Located at least 3ft (900mm) above ground level
- ☑ Close to a power source and power supply that will not be submerged in water
- ☑ To ensure optimal performance, keep the installation site and opening free from debris, insects, or spider webs that may accumulate and obstruct airflow

Installation Area



Monitoring and Improving IAQ With Kaiterra



Loved By All Teams

Workplace Leaders

- Improve employee health and well-being
- Enhance workplace experience and performance
- Make informed decisions on workplace design and occupancy planning

Real Estate Professionals

- Easily assess IAQ across your real estate portfolio and identify areas of improvement
- Improve occupant health and wellbeing
- Make informed decisions on real estate planning
- Improve real estate asset value in the longterm

Facilities & Operations

- Stay on top of IAQ within your facilities
- Identify issues faster and reduce occupant complaints
- Reduce time spent on analyzing or reporting on IAQ Minimal maintenance work

We collaborated with Kaiterra to help improve IAQ in the built environment. Connecting Kaiterra sensors to Johnson Controls Metasys or OpenBlue, has proven to improve performance, reduce COVID risk, and optimize energy.



Bernard Clement
Product Management, Healthy Building
Johnson Controls

Our employees are our greatest asset, so we wanted to design a space that was comfortable, inviting, and most importantly, safe to return to. With the air quality data provided by our Sensedges, we were able to be transparent about the air quality while also being able to apply these findings to the WELL certification process.

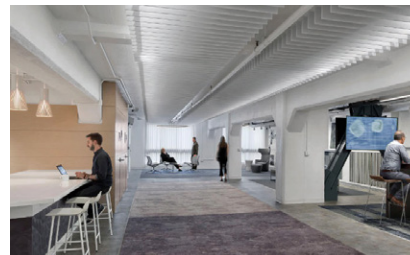


Madona Lizi Cumar
Senior Project Architect
Perkins Eastman

Project Snapshot



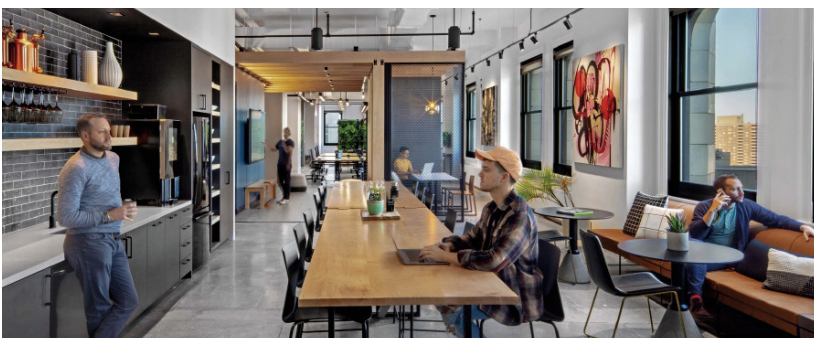
IWBI Headquarters (WELL Platinum)
New York



Milliken Showroom
San Francisco



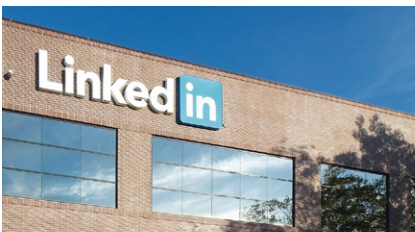
DARWIN Smart Home
Melbourne



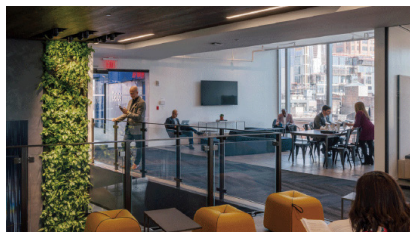
M. Moser
New York, Hong Kong, Shanghai



Johnson Controls
Milwaukee



LinkedIn
San Francisco



Delos Living (WELL Platinum)
New York



Perkins Eastman
Chicago

Ordering Information

Model #	Part #	Description
SE-100	SE000100A/B	Sensedge
SE-200	SE000200A	Sensedge Mini
SE-200P	SE000200P	Sensedge Mini POE
SE-201	SE000201A	Sensedge Mini for Outdoors
SE-201P	SE000201P	Sensedge Mini for Outdoors PoE

All indoor monitors come with a Particulate Matter (PM_{2.5}/PM₁₀) sensor module, a TVOC sensor module, a USB-C cable, a wall plug adapter, mounting hardware, and an instruction manual. Ozone sensor modules are sold separately.

Replacements and Options

Model #	Part #	Description	For Use In
KM-100	KM000100A	Particulate Matter (PM _{2.5} /PM ₁₀) sensor module	SE-100
KM-103	KM000103A	TVOC, Temperature, and Relative Humidity sensor module	SE-100
KM-200	KM000200A	Particulate Matter (PM _{2.5} /PM ₁₀) sensor module	SE-200/SE-200P SE-201/SE-201P
KM-203	KM000203A	TVOC sensor module	SE-200/SE-200P
KM-207	KM000207A	Ozone+TVOC sensor module*	SE-200/SE-200P

*Available for the SE-200 & SE-200P only.



Get in touch!

www.kaiterra.com

info@kaiterra.com