

...healthy and well-optimized buildings ?

SENSORIIS® is an all-in-one environmental sensor, integrating a remote control of actuators (heaters, lights, openings), for the optimization of energy and air quality monitoring in buildings.

Targeting #smartbuilding commercial buildings #smartbuilding but also public places #smartcity, as well as the home #smarthome, it ensures their comfort, wellness, safety as well as health confidence and prevents intrusions or disasters.

Following COP 21, the EU has committed to a 30% reduction in greenhouse gases by 2030, for buildings and transport whose main source is energy consumption. The US has pledged a 26% reduction by 2025.

Almost 90% of our life is spent indoors where air pollution, which we breathe up to 25kg / day, is made up of gases and particles from heating, electronic devices, bacteria ... In France, the cost of poor indoor air quality has been estimated at € 19 billion.

According to the WHO, the circulation of viruses, such as COVID-19, whose size is $<1\mu\text{m}$, is created by contact and respiratory droplets with particles between 0.5 and $20\mu\text{m}$. Recent confinements have increased the rate of presence in confined spaces up to 95% and thus the health risks.



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For a complete overview of the scope of our product range (Wi-Fi amplifier, multi-protocol sensors), make sure to scan this QR Code or go directly to :

www.samea-innovation.com



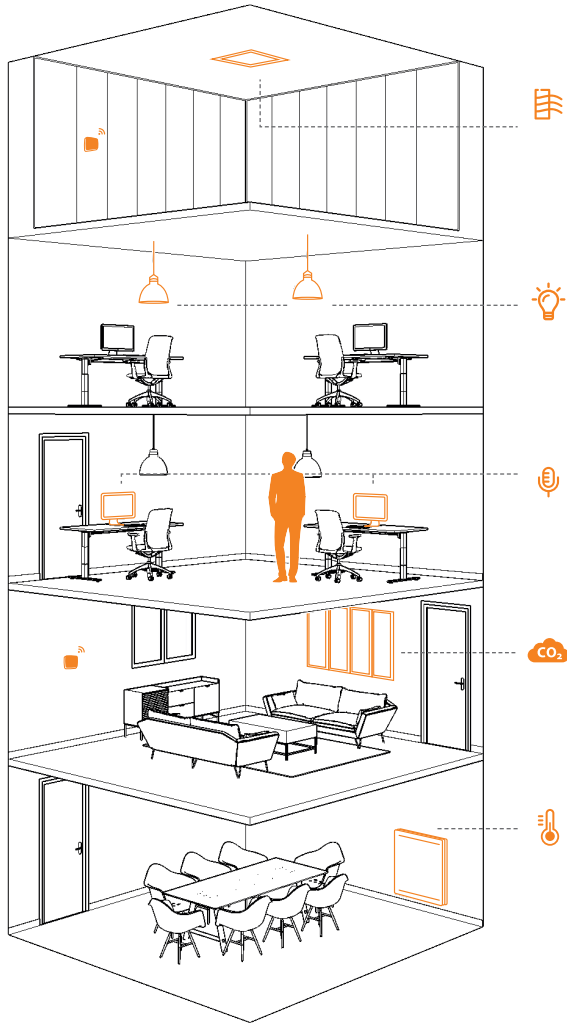
SENSORIIS®

Smart buildings, smart home, smart city
all-in-one wireless sensor !

"Ne pas jeter sur la voie publique"

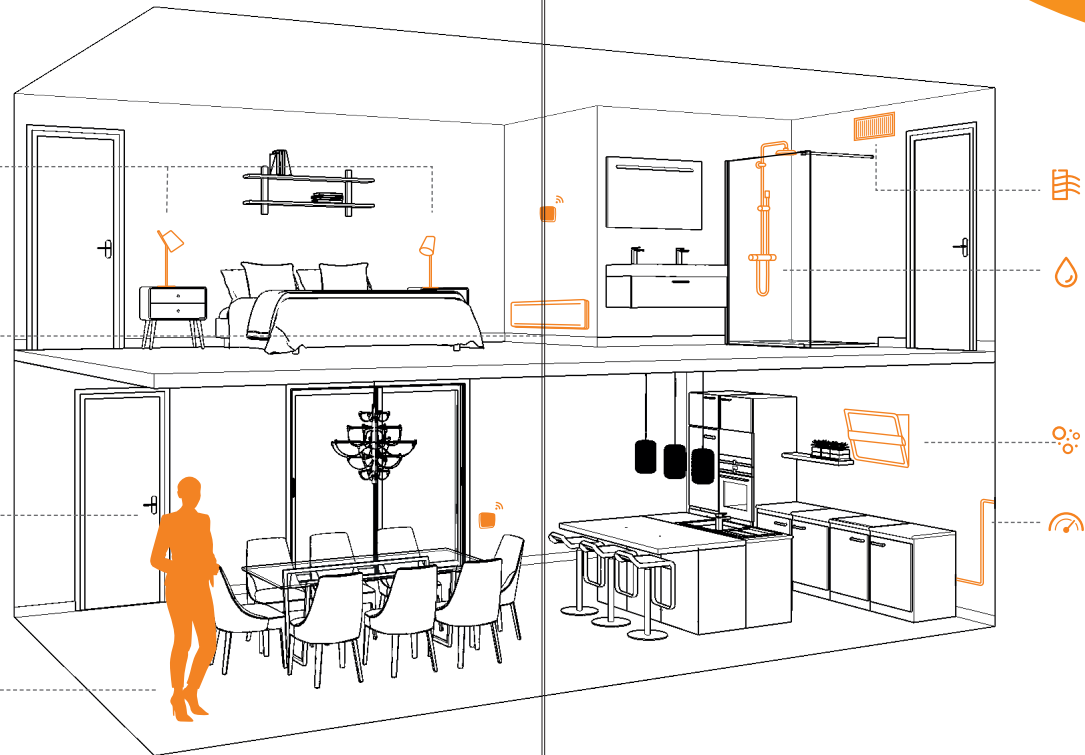


A multiple sensing data...



Through a unique wireless sensor !

SENSORIIS® is a stand-alone solution, which can be easily installed and configured on the wall, requiring neither electrical connection, nor network connection other than those pre-configured.



The environmental measurements, are transmitted to a data server through 4G / 5G, LoRa, Sigfox or Bluetooth networks. Multi-protocol communication is fully supported by the built-in antennas to ensure full coverage and use in all regions and countries around the world.



SENSORIIS® also integrates a Zigbee gateway allowing to control actuators and add sensors.

-  Ambient Light & Color
-  Temperature
-  Pressure
-  Sound / Noise
-  Motion
-  Fine particles
-  Air Quality
-  Humidity
-  Vibrations
-  CO2