Smart Sensor viaSens

The new dimension in room automation

SAUTER

Creating Sustainable Environments.

Monitoring of room air quality and status signalling

The Smart Sensor viaSens combines multiple physical measured values, an LED ring, Bluetooth mesh network, IoT integration, plus a mobile app to form an energy-efficient system for integrated and flexible room automation.

Sensor fusion
Multi-sensor for monitoring temperature, humidity, air quality, brightness, presence and sound pressure level.

Multicoloured LED ring
Indication of room status by animated LED light ring.

Bluetooth mesh network
Wireless communication of multiple sensors via Bluetooth mesh.
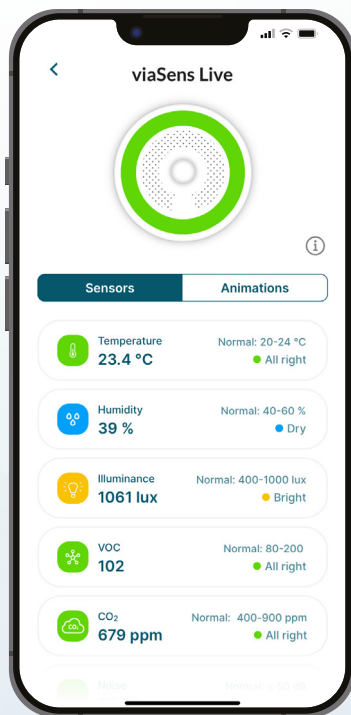
Bluetooth beacon
Beacon signal allows smartphone localisation for individual room operation.

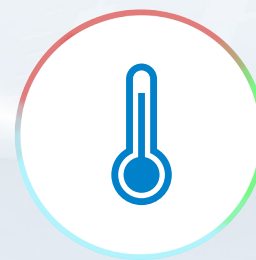## IoT for room automation of the future
Integration in room automation via Ethernet and encrypted MQTT.

Efficient commissioning
Multiple mounting options and intuitive mobile app for configuration.

Commissioning with app

Temperature

Humidity

Multiple measured values on a single device!

Original product size

Air quality
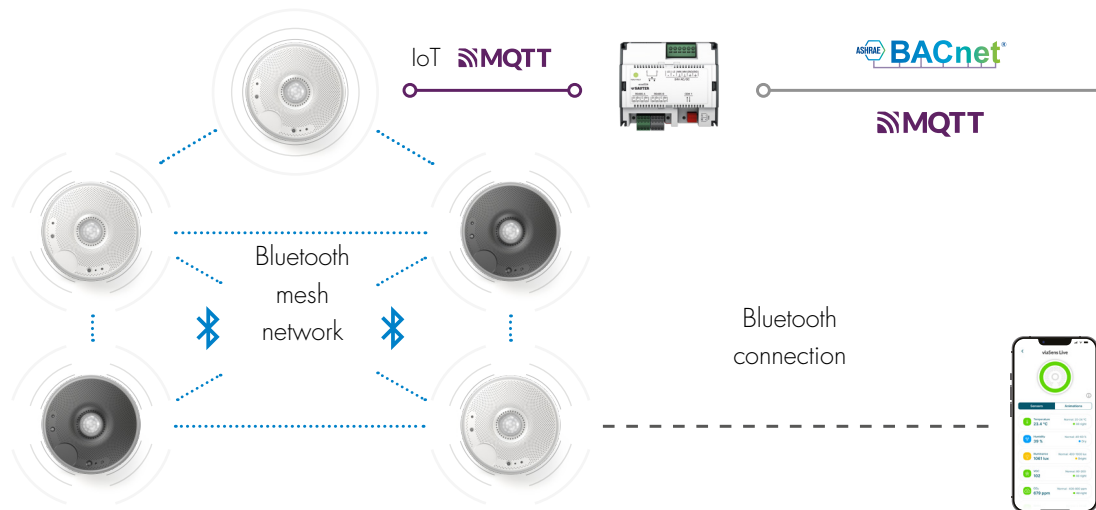
CO_2 VOC

Brightness

Presence

Sound pressure level

Product overview

	Nodes		IoT Gateways	
Smart Sensor	viaSens116	viaSens117	viaSens196	viaSens197
Type	**FMS116F121:** white **FMS116F121A:** black	**FMS117F121:** white **FMS117F121A:** black	**FMS196F121:** white **FMS196F121A:** black	**FMS197F121:** white **FMS197F121A:** black
Sensors	Temperature, humidity, brightness, motion/presence, sound pressure level			
	Air quality: VOC	Air quality: VOC, CO_2	Air quality: VOC	Air quality: VOC, CO_2
Display and operation	LED ring: 12 LEDs, RGB colours Button: Capacitive touch			
Interfaces	Bluetooth, WLAN, UART, NFC			
			Ethernet	
Communication	Bluetooth: Low Energy, Mesh, Beacon			
	Bluetooth: Mesh Relay		MQTT client: TCP, TLS, WS, WSS	
Bluetooth mesh profile	Sensor server model		Sensor server and client model	

IoT MQTT

BACnet

MQTT

Bluetooth
mesh
network

Bluetooth
connection

More product
information
online!

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