



TIS HEALTH SENSOR

CEILING-MOUNT HEALTH SOLUTION

Data Sheet Rev 3.1

Model: TIS-Health-CM



OVERVIEW

TIS Health Sensor helps you maintain air quality by regulating temperature and detecting dangerous gases. This solution is a fashionable ceiling sensor with numerous functional features that can help support healthcare in hospitals, clinics, and other healthcare institutions.

KEY BENEFITS

- + Indoor air quality enhancing
- + In-built microphone for better baby room and noise control
- + Energy saving in unoccupied spaces.
- + Humidity and temperature monitoring

KEY FEATURES

- ★ Ceiling mount
- ★ Equipped with PIR motion sensor
- ★ Equipped with CO, CO₂, and VOC gas sensors
- ★ Equipped with temperature, humidity, light intensity, and motion detection sensors
- ★ 3 digital inputs and 32 lines of logic
- ★ Works with the TIS-BUS protocol



BARCODE (UPC-A)















TIS HEALTH SENSOR

Ceiling-Mount Health Solution

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PRODUCT SPECIFICATIONS

	Input	PIR motion sensor Volatile Organic Compound eCO2 sensor Temp sensor Humidity sensor Digital input. Open / Close Length of connected wire to DI Light intensity sensor Microphone sensor	Dual element pyro-electric ceramic Total VOC: 0 ppb -1000 ppb Sense from 400ppm – 5000 ppm Resistance Temp sensor range -40 to 80 C Sense the range of 0 -99.9% 3 Channels < 350 meter 0 – 8000 Lux meter Sense Noise in room
	TIS BUS	Number of devices on 1 line Bus voltage Current consumption	Max. 64 12-32 V DC <15 mA / 24 V DC
	PIR Detection	PIR range PIR detection angle	4-6 meters (installation height 2.6 - 3 meters) 110° from the ceiling down
	Protection		Reverse Polarity Protection
	Reaction time		approx. 20ms
	Mounting	Ceiling mount	by 2 screws on the base of the sensor
	Connection terminal	Data / bus	terminal connector 0,25...2mm2
	Operating and display elements	Programming button Indicator LED TIS BUS Upgrading	For assignment of the physical address Blue or Red LED (optional) TIS Protocol massages and commands By Software
	Functions	Logic/ Timers Security Function	32 Timers and Logic conditions Away, Night, Day, fire alarm setting
	Weight	Without packaging	0.06 KG
	Dimensions	Length x Width x Height	92mm x 39mm x 92mm
	Housing	Materials Casing color Base color IR window cover IP rating	Fire-proof ABS / Fire-proof PC Gray White Black Transparent White IP 20



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TIS HEALTH SENSOR

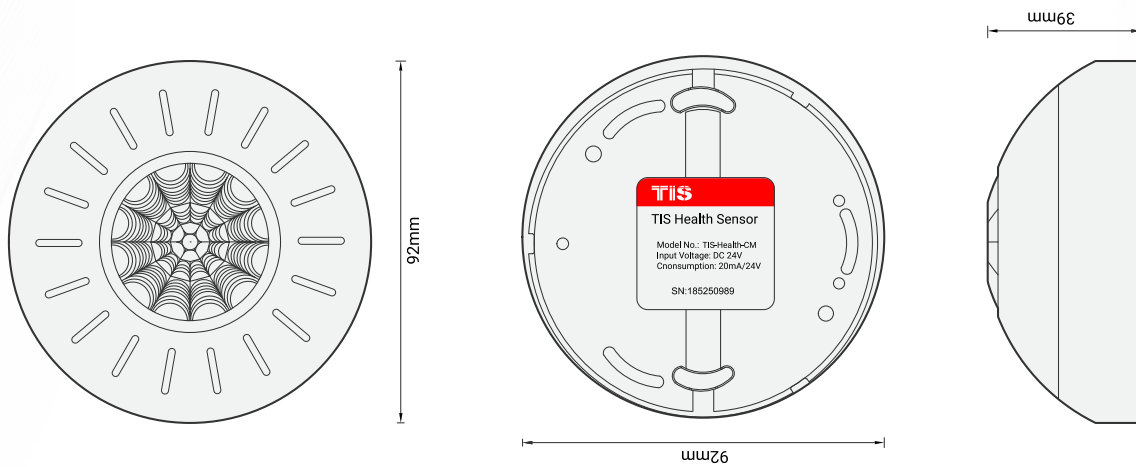
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PRODUCT SPECIFICATIONS

	Temperature range	Operation	-10...60°C
		Storage	-20...50°C
		Transport	-25...75°C
	Air humidity		<95% non-condensing



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