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WIRELESS IoT SENSOR *for* SMART BUILDING APPLICATION



NB-IoT™



LoRaWAN®

LoRa Alliance®



Designed Arwin Technology Limited

SENSO8 INDOOR AIR QUALITY SENSOR

General Environment



Car Park

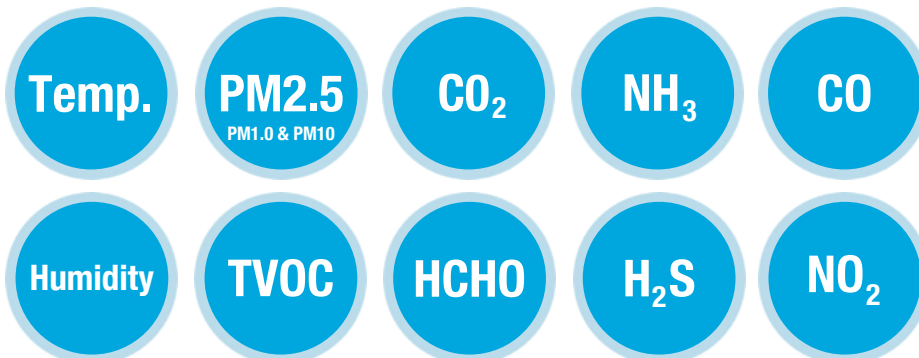


Toilet



KEY FEATURES

- Battery or DC Power
- LoRa or NB-IoT wireless connectivity
- LED bar for AQI level indication
- Configurable settings: measurement interval and alert thresholds
- 3-year battery life (not include PM2.5)
- Works with WELL compatible

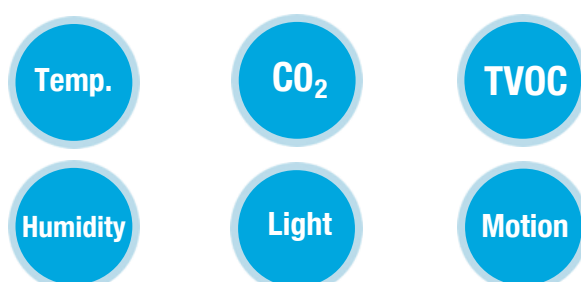


SENSO8 INDOOR ENVIRONMENTAL SENSOR



KEY FEATURES

- Battery operation
- LoRa or NB-IoT wireless connectivity
- 3-year battery life
- Configurable settings: measurement interval and alert thresholds



SENSO8 SENSOR FOR SMART BUILDING APPLICATION



2-Pin Water Leakage Sensor

- 0 – 100 measurement resolution
- Point type with cable break detection
- Alert threshold and heartbeat configurable
- Battery operation
- >10 years battery life

Data center subfloors HVAC equipment

Water pipes Smart toilets



Water Rope Sensor

- 0 – 100 measurement resolution
- Cable break detection
- Alert threshold and heartbeat configurable
- Battery operation
- >10 years battery life

Data center subfloors HVAC equipment

Water pipes Smart toilets



Ambient Temperature/ Humidity Sensor

- Temperature range: -20°C to 60°C (+/-0.3°C)
- Humidity: 10% - 100% RH (+/-3%)
- Alert threshold and heartbeat configurable
- Battery operation
- > 10 years battery life

Cold room Refrigerator Medical laboratory

Server equipment Commercial building



PT100 Temperature sensor

- Wide temperature range: -100°C to 300°C
- Support Air and Liquid Temperature probe
- Alert threshold and heartbeat configurable
- 1m to 5m long external probe
- > 10 years battery life

Cold room Refrigerator Medical laboratory

Server room



Dry Contact (Open/Close) sensor

- NC / NO detection
- Heartbeat configurable
- Battery operation
- >10 years battery life

Commercial building Residential Building

Construction site Railway



Occupancy Sensor

- Long detecting range: up to 4m
- Narrow viewing angle: 27 degree
- Alert threshold and heartbeat configurable
- Fast Response
- >4 years battery life

Smart Toilet Smart Office Security Warehouse



Ultrasonic Sensor

- Long detecting range: up to 4m
- Typical full field of view: 60 degree
- Fast response
- Alert threshold and heartbeat configurable
- >7 years battery life

Smart Toilet Smart Office Security Warehouse



Dry Contact OUTPUT Sensor

- NC / NO output control by IoT Platform
- Input option: Dual dry contact, RS485 or PT100 temperature sensor
- Built-in backup battery

Commercial building Residential Building



Power Meter sensor

- Power usage measurement: Single phase or 3-phase
- Support 100A, 200A, 400A or 600A Current Transform
- Support up to 4 channels 3-phase
- Report status: Voltage, Current, Energy, Power, PF.

Commercial building Residential Building

Hotel Hospital Reconstruction Projects



Pulse Count sensor

- Pulse count for Water/Gas Meter
- Max count: 999,999,999
- Resolution: 0.0001
- >10 years battery life

Water Meter, Gas Meter, Power Meter



Meter Interface Unit (MIU)

- Support LTE Cat-1, NB-IoT or LoRaWAN
- Inductive sensing MIU
- Interface with Itron Aquadis+ water meter
- Leakage, Backflow, Peak Flow, Tamper Detection
- >12 years battery life

Water Meter



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FOR MORE INFO

