Battery powered Humidity and Temperature Sensor
Model: SSD014

Smart Sensor Devices

Accurate Sensing.
Smarter Monitoring.

SSD014 Sensor is a Bluetooth Low Energy device that accurately measures ambient humidity and temperature, enabling smart applications to act based on real-time environmental data.

SSD014 offers a wide spectrum of use cases including environmental monitoring, smart buildings, industrial sensing, cold-chain tracking, agriculture, storage facilities, and outdoor weather monitoring.

High durability and reliability ensure accurate performance even in harsh environments. Secure data handling and BLE connectivity allow only authorized access to sensor data.

Data Logger

Simply place the device at the measurement location, configure the logging interval, and leave it for days or weeks. The sensor continuously records environmental data, which can later be retrieved for analysis and reporting.

Flexible Measurement with External Probe
External probe prevents water ingress while allowing accurate airflow measurement.

Long Battery Life
Up to 4 years of operation using a single replaceable CR-123 battery.

Data Logging & Reporting
The device stores measurement data for several weeks, allowing users to download historical data and generate reports for analysis.

BLE Connectivity
Bluetooth Low Energy 5.2 enables wireless data transfer and easy integration.

Smart Sensor Devices

Product Specification

Model : SSD014

- Measured: Ambient Humidity and Temperature
- Operating principle: CMOS Technologies
- Connectivity: Bluetooth Low Energy 5.2
- Power: 1 × CR-123 battery
- Battery lifetime: Up to 4 years (depending on usage)
- Sensor: SHT30-D
- Accuracy: ±2% RH, ±0.5°C
- Operating temperature range: -40 to 125 °C
- Dimensions: 85 × 55 × 35 mm
- Weight: 80–100 g
- Probe cable length: 1 meter (Material: Copper-nickel shield)
- Protection: IP67-rated, water-resistant collector unit
- Installation: Compact enclosure for easy deployment

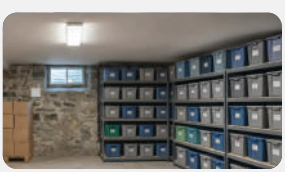
Use Cases

HVAC system

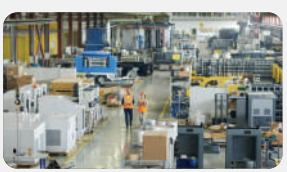
Cold-chain tracking

Agriculture

Outdoor monitoring



Storage facility



Industrial

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