

IoT Sensor

Sensor Clima

The Sensor Clima is an advanced LoRaWAN® IoT device designed for reliable, long-term monitoring. Featuring a multi-year battery life, e-ink display, one-button interface, and support for multiple sensor functions, it integrates seamlessly into existing IoT infrastructures. Compatible with a wide range of accessories and mounting options, The Sensor Clima delivers secure, real-time data for smarter monitoring and informed decision-making.



KEY FEATURES

Monitoring of cooling temperatures

LoRaWAN Wireless Technology

Long Life Battery

Simple wall mounting bracket

APPLICATIONS

Cold Chain management: Chosen by Coop Switzerland, we guarantee reliable temperature control within refrigerators, refrigerated tanks, and cold rooms.

Healthcare: Monitor the temperature inside cold storage units to ensure the proper preservation of medical samples, vaccines, and other pharmaceutical products.

TECHNICAL SPECIFICATIONS

Enclosure	
Weight	160g
Dimensions	75 x 75 x31 mm
IP Rating	IP65
Housing	Food graded ABS
Screen Type	LCD
Operating condition	
Temperature	-40 °C ~+ 70 °C
High-accuracy Temperature Sensor	±0.1 °C (maximum) from –20 °C to 50 °C
Discharge Capacity at Constant Current (50mA)	23°C~ 8721.1 mAh / -1°C~8415.0mAh
Power Supply	
Battery Type	Primary Lithium 3V, 8000mAh
Expected operation	~10 years. Depends on transmission intervals and operating temperature.
Connectivity	
Wireless Technology	LoRaWAN®

Sensors

Temperature	Accelerometer
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Humidity	VOC
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Gyroscope	CO2
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Light	PIR
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External Optional features

Ext. TOF Sensor	Enables precise distance detection of objects.
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Ext. Temperature Sensor	can enhance your monitoring system by incorporating data from multiple sources.
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Ext. Proximity Sensor	record and analyze the generated data when the magnet moves in relation to the sensor and gain valuable insights into the behavior of moving parts.
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Anti Tampering bracket	Fix the sensor to any surface,
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