CODEPOINT™

Temperature & Humidity Sensor

Cora™ CS1060 Series for LoRaWAN/Coralink

helium
compatible

The CS1060 is a long-range, low-power, temperature, and humidity sensor supporting LoRaWAN or Coralink wireless protocols. The sensor has highly accurate thermometer and hygrometer with standard and custom configurations supporting a variety of applications in the home and business. The sensor offers user-definable notifications, periodic sampling, and statistics reporting delivering optimal monitoring and data collection.

The sensor is easily deployed: place on shelves or hang on walls. Powered by two AAA non-rechargeable lithium batteries, the CS1060 provides more than two (2) years of operation in harsh environments both indoors and out.

Features

- Three built-in operating configurations:
  - **Continuous sampling** – every 15 minutes
  - **Rapid change detection** – sampling every minute
  - **Extreme long life** – 10-minute monitoring for 5+ years battery life
- Administrative notifications: low-battery, device reset
- Create custom configurations:
  - Up to 6 threshold Event Triggers
  - Sampling and Reporting
- Peer-to-peer communications (Coralink only)
- Long range: typical 300 to 500 meters

Applications

- Refrigerator/freezer failure early warning
- Temperature / humidity controlled environments
- Outdoor / Out-building temperature
- Rapid temperature change notifications

Specifications

- LoRaWAN v1.03 Class A, Coralink™ Class A device
- U.S. 923 MHz, E.U. 868 MHz, China 470 MHz, and other frequencies available
- Resolution 0.1 °F/°C, 0.1% humidity
- Dimensions: [L x W x D]: 2.44 x 2.44 x 0.87 inches (62 x 62 x 22 mm)
- Environmental: -22°F – 158°F (-30°C – 70°C), Humidity Range: < 95% non-condensing
- Multi-color status LED (back)
- Set button (back)
- Power: 2 AAA lithium batteries (3V DC)
- IP Rating: IP67

For more information please visit
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