



The CS1010 is a long-range, low-power water leak sensor supporting LoRaWAN or Coralink wireless protocols. The sensor provides configurable, real-time alarms or regular reported statistics.

The sensor is easily deployed in hard-to-reach places: under water tanks, basements, bathrooms, or attics. The base unit detects the presence of water with probes located on top and. Place the sensor anywhere there is a high risk of damage due to leaks or flooding.

The CS1010 is powered by two AAA batteries providing 5+ years of operation in normal conditions. Batteries are easily replaced.

The sensor can be configured to provide leak detection, leak clear, and reminder notifications. Additionally, the CS1010 can be remotely configured to provide various statistical reports ideal for smart building applications.

The CS1010 also features temperature monitoring, statistics, threshold detection, and battery charge remaining notifications.

Features

- ◆ Remotely Configurable Notifications:
 - Leak detect, leak cleared leak-reminder events
 - Temperature threshold triggers: absolute and relative
- ◆ Administrative Notifications: low-battery, device reset
- ◆ Remotely Configurable Reports
 - Leak event statistics
 - Temperature Statistics
- ◆ Peer to Peer Communications (Coralink only)
- ◆ Long Range: typical 300 to 500 meters

Applications

- ◆ Near/under sump pumps, water heaters, sinks, toilets, water tanks, and other plumbing related equipment
- ◆ Under or near laundry machines
- ◆ Under refrigerators & ice machines

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
- ◆ Two (2) leak probes: top and underside
- ◆ Dimensions: [L x W x D]: 2.44 x 2.44 x 0.96 inches (62 x 62 x 24.5 mm)
- ◆ Environmental: 32°F – 122°F (0°C – 50°C), Humidity Range: < 95% non-condensing
- ◆ Multi-color status LED (front)
- ◆ Set button (underside)
- ◆ Power: 2 AAA batteries (3V DC)

For more information please visit

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