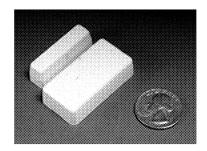# Micro Door/Window Sensor

Interactive Technologies, Inc.

ITI Part #: 60-688-95

Overview

The Micro Door/Window Sensor is a supervised, wireless sensor that detects the opening and closing of doors, windows, drawers, or just about anything that opens and closes.

The sensor's small size and low profile makes it less conspicuous and makes for a cleaner-looking installation.

The sensor is powered by a 3-volt, lithium coin-cell battery with an estimated life of 5 years*, and can be replaced by service technicians or the end-user. Advanced circuit design helps extend battery life by conserving power when the sensor is tripped more than once within a 4-1/4 minute time period.

Patented ITI Learn Mode technology makes the Micro Door/Window Sensor quick and easy to install. The sensor is given a unique identification code at the factory, eliminating sensor programming. And like all ITI wireless sensors, the Micro Door/Window Sensor sends battery and status signals to the security system's control panel. That way, system users are reassured that the Micro Door/Window Sensor is working correctly.

Features

Learn Mode Micro Door/Window Sensor features include:

- Small size, low profile is inconspicuous and fits many different applications
- A user-replaceable lithium, coin-cell battery
- Advanced technology that helps extend battery life
- Supervisory reports of battery and transmitter condition

Learn Mode Micro Door/Window Sensor

Specifications

Battery	3.0 volt, lithium coin-cell (CR2032)
Typical Battery Life	5 years*
Transmitter Frequency	319.5 MHz (crystal-controlled)
Transmitter Frequency Tolerance	± 7 KHz
Bandwidth	24 KHz
Modulation Type	Amplitude Shift Key (ASK)
Unique ID Codes	16 million
Peak Field Strength	> 40,000 µV/m @ 3m
Magnetic Sensitivity of Reed Switch	8–12 amp turns
Magnet Type	Alnico (permanent)
Magnet Dimensions	1.75″ (4.5 mm) long x .40″ (1.0 mm) wide x .50″ (1.3 mm) high
Supervisory Interval	64 minutes
Operating Temperature	10°F (-12 °C) to 120°F (49 °C)
Enclosure	ABS Plastic, Chi Mei Polylac PA-717C
Weight	1.8 oz. (51.03 g)
Sensor Dimensions	1.75″ (4.5 mm) long x .80″ (2.0 mm) wide x .50″ (1.3 mm) high
Colors	Belgian grey or brown
FCC Standard	FCC Part 15

* Actual battery life depends on how often the sensor is activated.

Installation

System Programming	With the panel in program mode (learn sensors), remove the sensor cover and slide the sensor battery half-way out of the battery holder. This adds the sensor ID code into panel memory.
Mounting	Mount the magnet on a door or window and the sensor on the frame.

Ordering Information
ITI Part #: 60-688-95 (belgian gray)
      60-688-11-95 (brown)
ITI Document #: 466-1211 (Rev. A)
(Spec Sheets available in quantities of 50)

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