

XG-DS020

Wireless Entry Sensor

Overview

The XG-DS020 is a compact and reliable wireless entry sensor designed to detect the opening and closing of doors or windows. Ideal for residential and commercial environments, this sensor is equipped with low-power wireless communication (433MHz, eV1527) and operates on a single CR2032 battery, ensuring long-lasting performance with minimal maintenance.

The sensor features two magnetic components — a larger sensor and a smaller magnet — that are triggered when separated by door or window movement. With its ultra-low quiescent current of just 3µA, it provides continuous protection while consuming minimal energy.

Key Feature

Magnetic Contact Trigger:	Detects door/window opening with high accuracy
Ultra-Low Power Consumption:	Only 3µA quiescent current
Wireless Operation:	433MHz (eV1527 protocol) for stable transmission
Compact & Lightweight:	Small form factor for easy, discreet installation
Battery Operated:	Powered by a single CR2032 coin cell
Simple Setup:	Easily pairs with compatible wireless alarm systems

Application

Ideal for monitoring entry points such as doors, windows, cabinets, or safes. Suitable for use in homes, offices, stores, and other indoor security setups where door or window status monitoring is essential.

Specification

Model Number:	XG-DS020
Battery:	CR2032 coin cell
Quiescent Current:	3µA
Alarm Current:	<15mA
Wireless Parameters:	433MHz, eV1527
Product Size:	Sensor (Large Part): 67 × 30 × 15 mm Magnet (Small Part): 44 × 11 × 15 mm