



**XTREME**  
GUARD

**XG-VB020**

# Wireless Vibration Detector

## Overview

The XG-VB020 is a compact and responsive wireless vibration sensor designed to detect forced entry attempts or physical impacts on doors, windows, safes, and other surfaces. When vibration is detected, the sensor sends an immediate wireless signal to the control panel, enabling timely alarm activation.

The XG-VB020 sensor, powered by 2 × AAA batteries, features low standby power consumption (5μA) and high detection accuracy. Operating on a 433MHz frequency, it easily integrates with most wireless security systems and is designed for both residential and commercial use, thanks to its lightweight and discreet dimensions.

## Key Feature

Vibration Detection:	Activates alarm upon detecting physical impact or tampering
Low Power Consumption:	Only 5μA standby current for extended battery life
Wireless Operation:	433MHz communication for reliable signal transmission
Compact and Lightweight:	Weighs only 0.05kg, easy to install on various surfaces
Battery Powered:	Uses two standard AAA batteries
Humidity Resistant:	Operates reliably in environments with up to 95% RH (non-condensing)

## Application

Ideal for enhancing protection on windows, glass doors, cabinets, and safes in homes, offices, banks, and retail shops. The XG-VB020 provides an extra layer of intrusion detection by sensing vibrations caused by tampering or break-ins.

## Specification

Model Number:	XG-VB020
Battery:	2 × AAA batteries
Standby Current:	5μA
Working Current:	20mA
Wireless Parameters:	433MHz
Humidity:	<95% RH (non-condensing)
Weight:	0.05 kg
Product Size:	65 × 31 × 15 mm