

# XG-MS020

## Wireless Motion Detector



## Overview

The XG-MS020 is a high-performance wireless motion detector engineered to deliver reliable and accurate motion sensing for enhanced security in both residential and commercial environments. Its sleek and compact design allows for discreet placement while providing a wide 110° detection angle to cover large areas such as rooms, corridors, or entryways.

Equipped with advanced 433MHz wireless communication (using the eV1527 protocol), the XG-MS020 integrates seamlessly with compatible alarm systems, ensuring fast and stable signal transmission. It operates with extremely low power consumption, offering long battery life using just two AA batteries.

## Key Feature

Wide Detection Angle:	110° for broad area coverage
Long Battery Life:	Low power consumption design
Tamper Protection:	Anti-removal alarm for added security
Wireless Communication:	Operates on 433MHz with eV1527 protocol
Anti-Tamper Protection:	Equipped with anti-tamper functionality to prevent unauthorized interference.

## Application

- **Home Security:** Detects unauthorized motion in entry points and living areas.
- **Office Spaces:** Monitors restricted areas and offices for unexpected movement.
- **Retail:** Prevents unauthorized access after hours and monitors backroom activity.

## Specification

Model Number:	XG-MS020
Battery:	2 × AA batteries
Standby Current:	10µA
Alarm Current:	15mA
Detection Angle:	110°
Operating Temperature:	-10°C to +50°C
Humidity:	<95% RH (non-condensing)
Wireless Parameters:	433MHz, eV1527
Product Size:	50 × 92 mm