



XG-MS021

Wireless Motion Detector



Overview

The XG-MS021 is a smart, wireless motion detector tailored for easy integration into modern residential and commercial alarm systems. Engineered for high-accuracy detection and long-lasting performance, it provides effective protection for indoor spaces like living areas, offices, shops, and storerooms.

Featuring a wide 110° detection angle, the XG-MS021 can monitor large areas with minimal blind spots, making it ideal for securing open-plan environments or key access points. It utilizes 433MHz wireless transmission (eV1527 protocol) for consistent and interference-resistant communication with control panels and receivers.

Key Feature

110° Motion Detection:	Covers wide areas for comprehensive monitoring
Long Battery Life:	Energy-efficient design using 2 × AA batteries
Wireless Operation:	Communicates over 433MHz (eV1527 protocol)
Compact & Easy to Install:	Fits neatly into any interior layout
Stable Performance:	Operates reliably in various temperature and humidity conditions

Application

- **Residential Spaces:** Monitors unauthorized movement in living areas and entry points.
- **Offices & Commercial Buildings:** Detects motion in sensitive areas like file rooms and meeting spaces.
- **Retail Stores:** Prevents after-hours intrusions and monitors customer flow during business hours.

Specification

Model Number:	XG-MS021
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:	53 × 103 × 35 mm