

XG-MS022

Wireless Motion Detector Alarm



Overview

The XG-MS022 is a high-precision wireless motion detector alarm designed to provide reliable motion detection across a wide indoor coverage area. Engineered for integration with modern alarm systems, this detector features a maximum detection range of 12 × 12 meters and a 110° detection angle, making it ideal for medium to large interior spaces.

The XG-MS022 uses the 433MHz frequency with the eV1527 protocol for stable communication. It features an efficient power design, requiring only two 1.5V AA batteries, which ensures low power consumption and a long operational lifespan with minimal maintenance.

Key Feature

Wide Detection Coverage:	Detects motion up to 12m × 12m within a 110° angle
Low Power Consumption:	Only 9µA standby current using 2 × AA batteries
Strong Light Resistance:	Operates under indoor lighting with anti-visible light protection up to 65LUX
Adjustable Installation Height:	Optimized for mounting at 2.2 to 2.7 meters
Stable Wireless Communication:	433MHz with eV1527 protocol ensures reliable transmission

Application

- **Homes:** Suitable for living rooms, hallways, and bedrooms
- **Offices:** Monitors entrances, corridors, and private areas
- **Shops & Retail:** Detects movement in aisles and storage

Specification

Model Number:	XG-MS022
Battery:	3V (2 × 1.5V AA batteries)
Standby Current:	9µA
Working Current:	15mA
Detection Angle:	110°
Max Coverage Area:	12m × 12m
Installation Height:	2.2 – 2.7 meters)
Working Temperature:	-20°C to +50°C
Anti-Visible Light Interference:	>65LUX (indoor light resistance)
Wireless Parameters:	433MHz, eV1527
Product Size:	120 × 62 × 46 mm