

# XG-80MS03

## Wired Dual Tech Motion Sensor



### Overview

The XG-80MS03 Dual Tech Motion Sensor is an advanced outdoor intruder detector that integrates dual-micro technology, combining both microwave (MW) and passive infrared (PIR) detection methods.

This device is designed for high-security applications such as financial institutions, businesses, and residential gardens.

The sensor utilizes sophisticated logic processes and patented software to accurately distinguish between real intruders and environmental interference, ensuring reliable security with minimal false alarms.

### Key Feature

Dual-Micro Detection:	Combines MW and PIR technology, with overlapping detection areas for enhanced accuracy.
Advanced Fresnel Lens:	Uses columnar Fresnel technology with a specially designed radian for improved energy reception efficiency.
Power Stack Logic Process:	Utilizes dynamic logic division technology to enhance detection accuracy.
High Sensitivity, Low False Alarms:	Accurately identifies intruders while minimizing false alarms due to environmental factors.
Wide Coverage:	Capable of detecting motion within a 12m x 12m area, making it ideal for large outdoor spaces.

### Optimized Lens Design

Features an advanced columnar Fresnel lens and curved radian design that maximizes energy reception, improving sensitivity and reliability.

### Overlapping Detection Zones

The MW and PIR zones are designed to overlap, ensuring precise detection while minimizing the risk of false alarms caused by environmental factors.

### Specification

Model Number:	XG-80MS03
Input Voltage:	12 VDC
Maximum Current:	62mA
Data Rating:	3W, 125mA
Maximum Voltage:	25 VDC
MW Frequency:	10.525 GHz (OD850-F1), 10.588 GHz (OD850-F2)
Operating Temperature Range:	-10°C to +50°C
Coverage Area:	12m x 12m