

150m

XG-80MBS01

Wired Microwave Beam Sensor



Overview

The XG-80MBS01 Microwave Beam Sensor is a high-performance security device designed for outdoor perimeter protection. Its long-range detection capabilities, combined with advanced digital signal processing, make it an excellent choice for securing large areas such as industrial sites, commercial properties, and sensitive installations.

Equipped with dual microwave antennas, the XG-80MBS01 ensures reliable detection even in harsh environmental conditions.

Key Feature

Extended Detection Range:	Detects movement up to 150 meters with a center height of 1.8 meters and a width of 5 meters, ensuring wide coverage.
Advanced Signal Processing:	Incorporates digital signal analysis to minimize false alarms, providing accurate detection of real threats.
Adjustable Sensitivity:	Features multi-level sensitivity adjustment to cater to different environmental conditions and security needs.
Anti-Interference Design:	Resistant to Radio Frequency Interference (RFI) and Electromagnetic Interference (EMI), ensuring consistent performance in challenging environments.

High Detection Accuracy

Effectively detects various intrusion methods, including walking, running, and creeping, with detection speeds ranging from 0.1 to 10 meters per second.

Enhanced Security Coverage

Central detection area measures 1.8 meters in height and 5 meters in width, ensuring thorough monitoring of protected zones.

Specification

Model Number:	XG-80MBS01
Detection Distance:	30m / 80m / 150m
Central Location Width:	5m
Central Location Height:	2.5m
Grass Width:	0.3m
Snow Width:	0.5m
Power Input:	12~18 VDC
Working Current:	Transmitter: 25~30mA, 12VDC; Receiver: 30~35mA, 12VDC
Alarm Relay Capacity:	(N.C.) 50mA, 20VDC
Dimension:	158×113×46mm