

# MICROWAVE

Barrier Wireless

## MCB-150



The calibration unit for the Microwave barrier MCB-150

Microwave barrier develops an electromagnetic beam using high frequency microwaves that passes from a transmitter to a receiver, creating an invisible but sensitive protection wall. When the receiver detects a difference of condition within its beam, it begins a detailed analysis of the situation that, if considered a real intrusion, provides an alarm signal that can be treated in digital form.

- Digital signal analysis, avoid false alarm.
- Multi-level sensitivity adjustment.
- With secluded decorative design.
- Anti RFI/EMI.
- Easy to install, fit for vertical installation on ground or wall.
- Imported Germany PC cover cooperating with tin alloy brackets.

## Specification

### Overview

Detection distance 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  $\leq 8\mu\text{A}$

### Working Current

Transmitter 25~30mA, 12VDC

Receiver 30~35mA, 12VDC

Alarm Relay capacity (N.C) 50mA,20VDC

Alarm time  $\leq 3\text{s}$

Tamper switch capacity (N.C.)0.1A,20VDC

Max emitting power 35mW (common) ; 50mW (Max)

Detection speed 0.1~10m/s

Alarm output  $\geq 3\text{s}$

Temperature  $-40^{\circ}\text{C} - +65^{\circ}\text{C}$

Humidity Max 98%

Dimension 158×113×46mm

Water-proof design Built-in water-proof equipment, anti-rain/snow 30mm/h