

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 | ≤8uA |

Working Current

| | |
|-------------|----------------|
| Transmitter | 25~30mA, 12VDC |
| Receiver | 30~35mA, 12VDC |

| | |
|------------------------|---|
| Alarm Relay capacity | (N.C) 50mA,20VDC |
| Alarm time | ≤3s |
| Tamper switch capacity | (N.C.)0.1A,20VDC |
| Max emitting power | 35mW (common) ; 50mW (Max) |
| Detection speed | 0.1~10m/s |
| Alarm output | ≥3s |
| Temperature | -40°C - +65°C |
| Humidity | Max 98% |
| Dimension | 158×113×46mm |
| Water-proof design | Built-in water-proof equipment, anti-rain/snow 30mm/h |