XTEND INDONESIA
GLOBAL LEADING AI TECH COMPANY

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MICROWAVE
Barrier Wireless

MCB-150

The calibration unit for the Mircowave 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℃ - +65℃
Humidity	Max 98%
Dimension	158×113×46mm
Water-proof design	Built-in water-proof equipment, anti-rain/snow 30mm/h