



General:

Microwave barriers are one of the most reliable and safe intrusion detectors used for outdoor perimeter protection.

The transmitter generates microwave beam creating an invisible but sensitive protection zone.

When the receiver detects a difference within its protection zone it begins a detailed analysis of the received signal and if the detection criteria is met will trigger an alarm.

Features:

- Automatic range adjustment
- Multi-level sensitivity adjustment
- Microwave sensitivity unaffected by heavy fog, rain, snow
- Designed for easy and quick installation
- High RFI and EMI immunity



Specifications:

Microwave frequency	9.5/10.525GHz
Modulating frequency:	1.0kHz, 1.28kHz, and 1.324kHz
Max transmission frequency	35mW (normal condition)
Max length of protection zone	200m
Max width of protection zone	3m
Max height of protection zone	4.5m
Power supply	12 to 25V DC
Current consumption	95mA, 12V DC (one pair)
Alarm relay	NO/NC, 28V DC, maximum 0.1A
Alarm time	Maximum 3s
Tamper switch	NC, 28V DC, maximum 0.1A
Response speed:	0.1m - 10m/s
Ground unevenness limit	0.3m
Max height of grass	0.3m
Max depth of snow	0.5m
Operating temperature	-40 to + 65 degrees C
IP rating	IP65
Dimension	158 x 113 x 46mm
Weight	2.5kg (transmitter, receiver, and accessories)