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OUTDOOR MICROWAVE BARRIERS

M-200 SERIES

Features

- High-end outdoor perimeter microwave barrier, it consists of a transmitter (T) and a receiver (R), the detection range is up to 228m (750ft)
- Volumetric Barrier detection zone: detection range is a three-dimensional protection zone, not just a line-linked beam sensor
- Microwave modulating detection technology features high sensitivity of passive detection and low false alarm rate of active detection
- IP65 rated outdoor professional housing
- Wide working temperature of -40°C~65°C and a relative humidity of up to 100%
- 4 Crystal-controlled modulation channels for M-200MT that can be overlapped without crosstalk
- Self-adaptive circuit, suitable for various complicated perimeter protection (like long-range perimeter protection, uneven ground or environment)
- Anti-environmental interference function, the microwave sensitivity won't be affected by heavy fog, rain, snow, etc.
- It rejects interferences of animals (like birds, cats, dogs etc.) through its original method of false alarm elimination
- There are four installation methods, therefore it can easily be installed on any type of fence or pole to provide a solid barrier protection and detect all probable perimeter intrusion



Specifications

Microwave frequency	9.5/10.525 GHz
Working Channels	4 Channels (for M-200MT)
Protection Zone	Maximum Length : M-200/M-200MT outdoor 228m (750ft) Maximum Width : About 2m (Nar) or 3.5m (Wide) Maximum Height : About 2.5m (Nar) or 4.5m (Wide)
Working Temperature	-40°C ~ +65°C
Waterproof	IP65
Detection Sensitivity	High/Low 2 grades for option
Ground unevenness	0.3m
Height of obstacles	Grass etc. 0.3m / Snow 0.5m
Power Supply	10.5V – 24V DC
Electric Current	<60mA, 12V DC (one set for M-200)
Alarm Output	3 second, NC 28V DC, 0.1A; NC & NO for M-200MT (PhotoMos Relay)
Tamper output	NC, 28V DC, max 0.3A
Response speed	0.1m – 10m/s (moving intruder speed)
Dimensions	156.6 x 138.4 x 46.5mm
Weight (per set)	1.1kg