



Micro Barrier

MICROWAVE DETECTOR

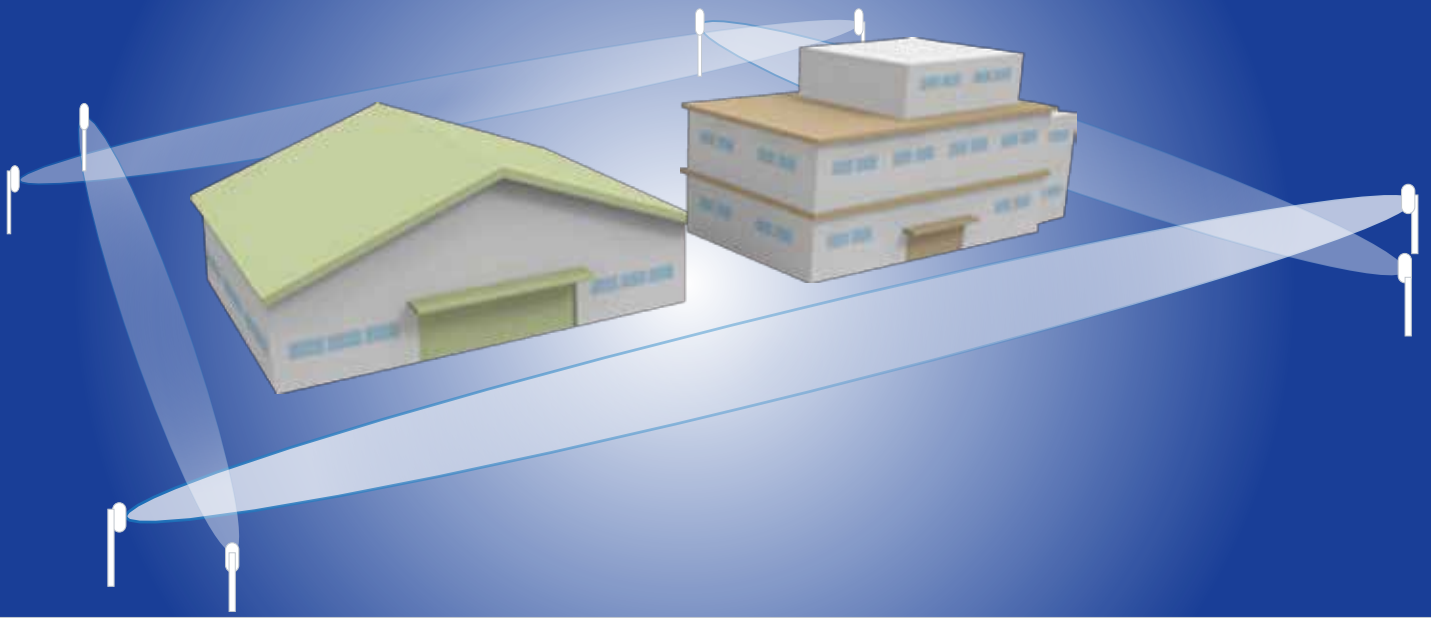
MW100K Outdoor 100m

MW200K Outdoor 200m

Perimeter protection



Micro Barrier makes Volumetric protection zone and minimizes false alarms by Sun light, Fog, Small animals, and other factors ever causing problems.

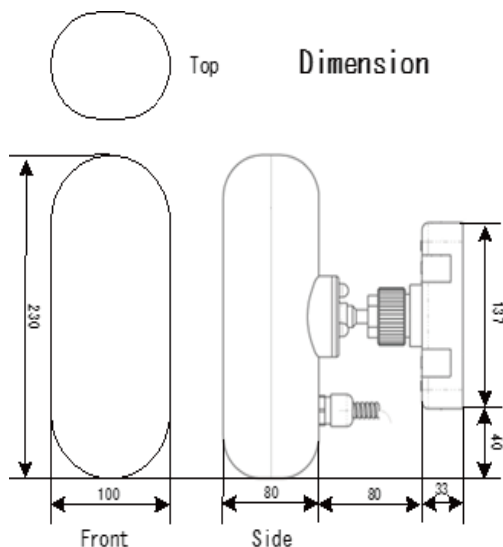


Features

- (1) Max 2m width of clear-zone required less than 1m width of detection-zone
- (2) Operating frequency: 24GHz (K band)
- (3) Easy graphical programming interface by PC or Tablet
- (4) Addressable (max: 256 channels)
- (5) 250 operating frequencies, in 1MHz steps
- (6) Digital settings and operation

Specifications

Model	MW100K	MW200K
Input voltage	DC12V - 36V	
Current draw at the working supply voltage of	12V/24V/36V	
a) transmitter unit	128mA/61mA/56mA	
b) receiver unit	170mA/85mA/ 56mA	
Detection range	100m	200m
Operation temp & humidity	- 40°C - +65°C RH95% or less	
Operating frequency	24.001-24.250 GHz	
Selectable Frequency	250 ch	
Selectable network address	256 ch	
Minimum required level of signal received at maximum length of the detection zone	8 dB	
Minimum detection zone height for a protected segment length of 200 m	6.56ft / 2.0 m	
Range of detection speeds	1.64 / 6.56 / 32.81 ft./s 0.5 / 2 / 10 m/s	
Working supply voltage, V-DC	12-36 VDC	
Maximum operable time after the supply is switched on	12 s	
Maximum recovery time of the stand-by system after notification of an alarm	10 s	
Parameters of signal, switched with the contacts of the output circuit:		
- maximum current, constant or alternate	30mA	
- maximum amplitude voltage	72V	
Relay contact signal parameters:		
- maximum input resistance of the circuit	5 Ω	
- impulse voltage	10-30 V	
- maximum impulse duration	0.5 s	
Minimum signal duration	5 s	
Overall dimensions of unit with bracket:	3.9x9.1x7.1 in./ 100x230x180 mm	
Maximum weight of the packaged detector	4 Lbs./1.8 kg	



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