

# SIM-365MW

## Wired 360° Ceiling Mount PIR & MW Detectors

Easily installed on any ceiling our detectors deliver industry-leading performance sensitivity and long-term reliability to protect offices or large warehouses with high rejection of false alarms and excellent detection and coverage capability.

The SIM-365MW ceiling detectors range is designed with Dual Technology PIR & MW technologies. The SIM-365MW also uses an optional pointable Fresnel lens to provide up to 8 m of coverage.

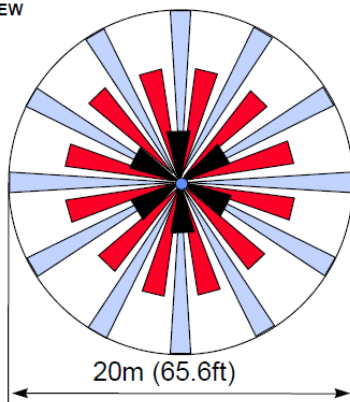
### PRODUCT FEATURES

- Dual Technology PIR & MW Detection
- Microwave detection based on Doppler concept
- AND & OR alarm signal selection.
- 2-way Microwave sensitivity adjustment.
- 2-way PIR sensitivity adjustment.
- 360° / Up to 20m diameter coverage (at 3.6m mount)
- New optional High Ceiling lens for installation up to 8m
- Fully sealed optical chamber
- Suited for harsh environments
- High RFI and EMI immunity
- Rodent Immunity



### DETECTION PATTERN

TOP VIEW



### SPECIFICATION

Detection Type	PIR & MW
Detection Range (m)	Up to 20
Pulse Count	Yes, Adjustable
Detection Speed	0.3-2 m/sec
Power Input	9.6-16 Vdc
Current Draw ( $\pm 5\%$ )	Standby: 31 mA Active: 38mA
Alarm Output	N.C 28VDC 0.1 A with 70hm series protection resistor
Tamper Switch	N.C 28VDC 0.1A with 10 Ohm series protection resistor
Operation Temperature	-20°C to +50°C
Warm Up Period	30 sec ( $\pm 5$ sec)
Alarm Period	2 sec ( $\pm 1$ sec)
LED Indication	Yellow LED in warm up and self testing Red LED during alarm Green LED: PIR / Yellow LED: MW
RFI Protection	30V/m 10 - 1000MHz
EMI Protection	50,000V of electrical interference from lightning or power through
Dimensions (mm)	131 x 57
Weight (grs)	185
Part Number	0013170

### STANDARDS COMPLIANCE

EN50130-4  
EN50130-5  
EN50131-1,  
EN50131-2-2  
Security Grade 2, Environmental Class II