



# Important installation notes

**Side View**



**Top View**



18m X 90° Wide detection range

## 1. MOUNTING

- **Mount the Beams 0.8 – 1.2 meter from the ground level, using the supplied fasteners and optional bracket.**
- The sensors detect movement of heat sources, therefore it is recommended NOT to face any sensors to warm objects in close vicinity, e.g. warm walls with moving plants between the sensor & wall, reverse side of air conditioners, moving vehicles and sunlight reflections.
- Uneven surfaces will affect the detection range

## 2. SETUP

- **Program and save the most central device as Zone 9 using the supplied programming cable.**  
By using the Keypad and programming cable – select zone ‘9’, Press & Hold “P1” to save the zone number
- All devices within range of the selected Base Unit (ZONE 9) will automatically function as a repeater station to support out of range devices. The installed position of the base unit (Zone 9) is therefore critical for optimal wireless range performance.
- It is recommended for Zone 9 to be the most central device in the system
  
- **Pair additional devices by using the supplied programming cable.**
- By using the Keypad and programming cable – select zone number, Press & Hold “P1” to save the zone number
- If the selected ZONE 9 device changes at any point, the pairing process must be restarted.
  
- **If required adjust default settings using the supplied programming cable.**

### **Sensitivity (Option P2 on Keypad)**

All sensors have 8 sensitivity settings where the pre-programmed sensitivity (setting 4) is recommended for most environments.

1 – Most sensitive

8 – Least sensitive

### Double Detect (Option P3 on Keypad)

NOTE: Deactivate double detect if the sensitivity of the Beam is not sufficient.

Single Detect (option 4 Off)	Double Detect (option 4 On)
1 Top AND 1 Bottom finger must be triggered for a valid detection	2 Top AND 2 Bottom fingers must be triggered for a valid detection

### Siren control (Option P3 on Keypad)

- 1 – No siren
- 2 – Two second siren
- 3 – Ten second siren
- 6 – Sound this siren when ANY sensor detects motion
- 7 – Siren active during away mode ONLY

### 3. TESTING

- o **The sensor will be in Walk-test-mode after closing the front cover for test purposes.**

NOTE: Deactivate double detect if the sensitivity of the Beam is not sufficient.

- o **Signal Test**

This feature indicates proper communication of devices and signal state. When opening the front cover of the beam the siren will indicate the following:

- 2 Beeps: Good Signal – Sensor in repeater mode
- 1 Beep: Good signal, Sensor NOT in repeater mode
- No Sound: Poor or No signal

#### 4. GENERAL MAINTENANCE

- **Remove the inner box & place a mothball inside the back part of the enclosure to keep small ants out.**

Fire ants can be extremely destructive in electronic equipment

- **Always use 3 NEW alkaline batteries of the same kind when replacing the batteries. Standard Duracell or Energize alkaline batteries are recommended.**