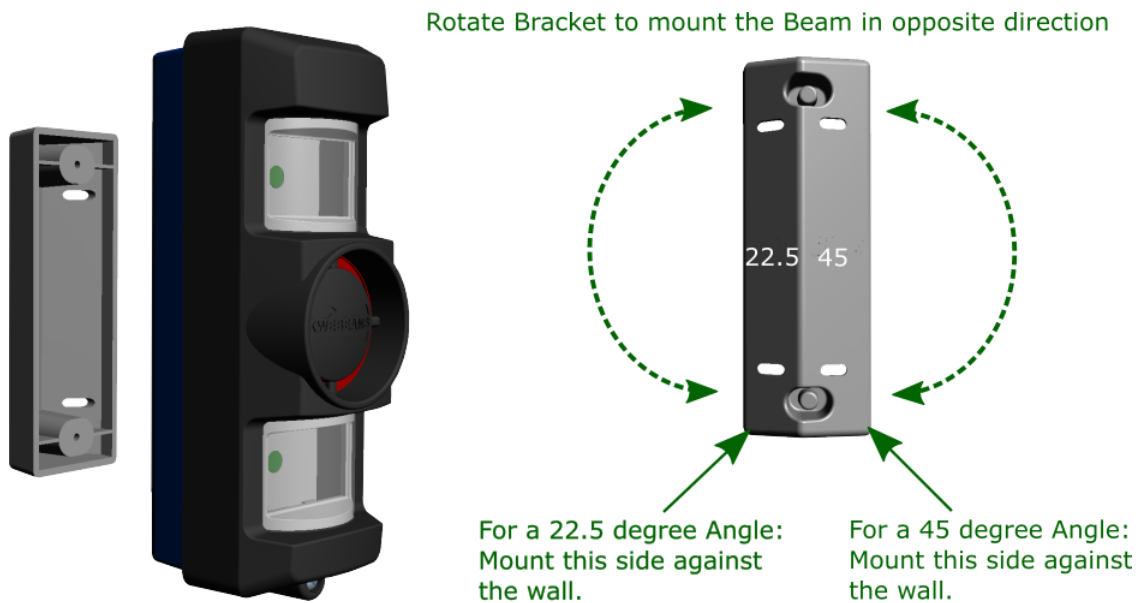


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## Beam Installation Guide

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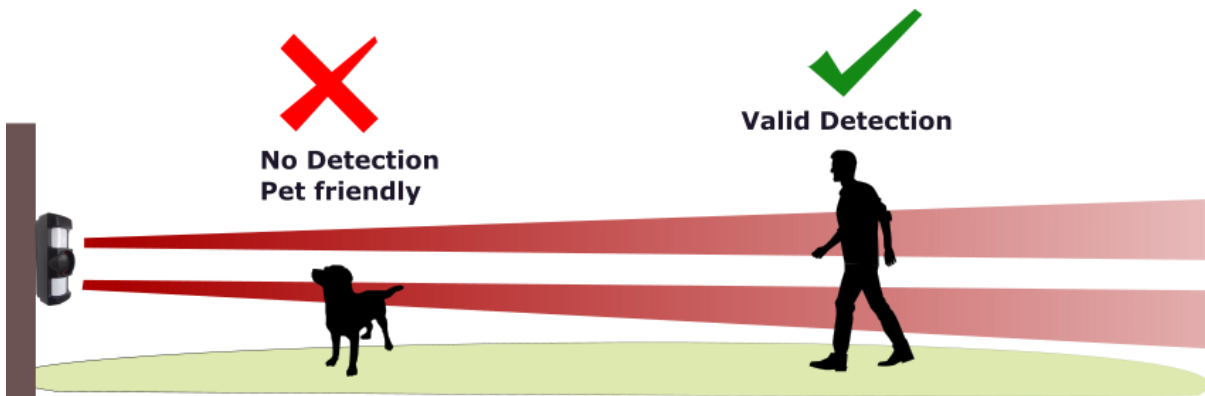


### 1 MOUNTING

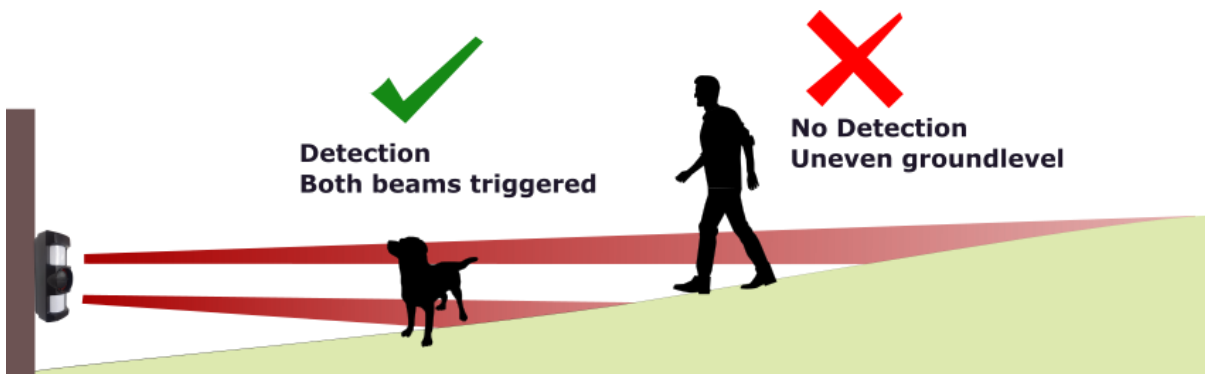
#### 1.1 Mount the Beams 0.8 - 1.2 meter from the ground level, using the supplied fasteners and optional bracket.

**Note:** The beam detects moving heat sources, therefore it is recommended NOT to face the sensor to warm objects in close vicinity, e.g. warm walls with moving plants between the sensor & wall, reverse side of air conditioners, moving vehicles, sunlight reflections.

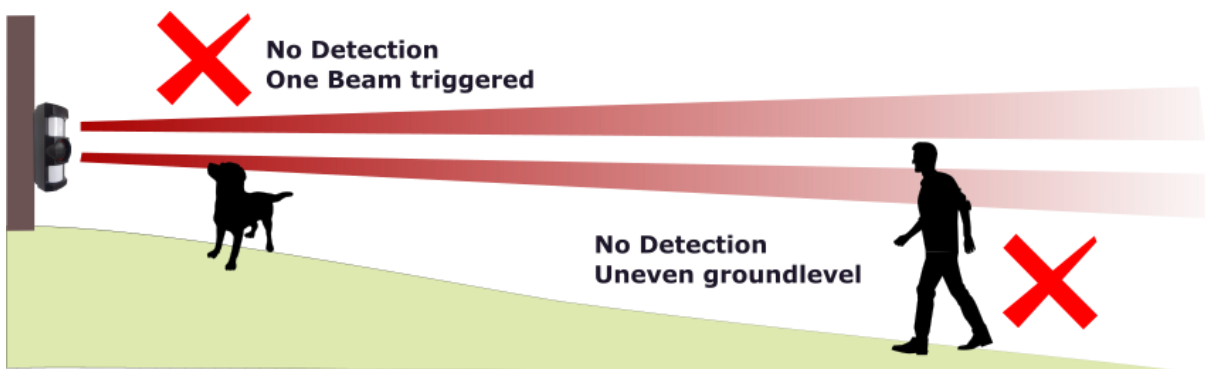
## 1.2 Uneven surfaces will affect the detection range



Best detection range when ground is level  
Mount the beam 0.8m – 1.2m above ground level



Short detection range & possible false alarms when ground level slopes upward.  
Note: Mount the beam higher (1.2m – 1.4m) to assist with upward slope.



Short detection range when ground slopes downward.  
Note: Mount the beam lower (0.6m – 0.8m) to assist with downward slope.

## 2 SETUP

### 2.1 Program and save the most central device as Zone 9 using the supplied programming cable.

Select zone '9', Press & Hold  to save the zone number

### 2.2 Pair additional devices by using the supplied programming cable.

Select a zone number, Press & Hold  to save the zone number

**Note:** If any other sensor is selected as ZONE 9, the pairing process must be restarted.

### 2.3 If required adjust default settings using the supplied programming cable.

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

The beam has 8 sensitivity settings where the pre-programmed sensitivity (setting 4) is recommended for most environments.

1 – Most sensitive

8 – Least sensitive

#### 2.3.2 Double Detect (Option P3 on Keypad)

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

Single Detect (key 4 Off)	Double Detect (key 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

#### 2.3.3 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

### **3 TESTING**

#### **3.1 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.

#### **3.2 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**

#### **4.1 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.

#### **4.2 Always use 3 NEW alkaline batteries of the same kind when replacing the batteries.**

Standard Duracell or Energize alkaline batteries are recommended.