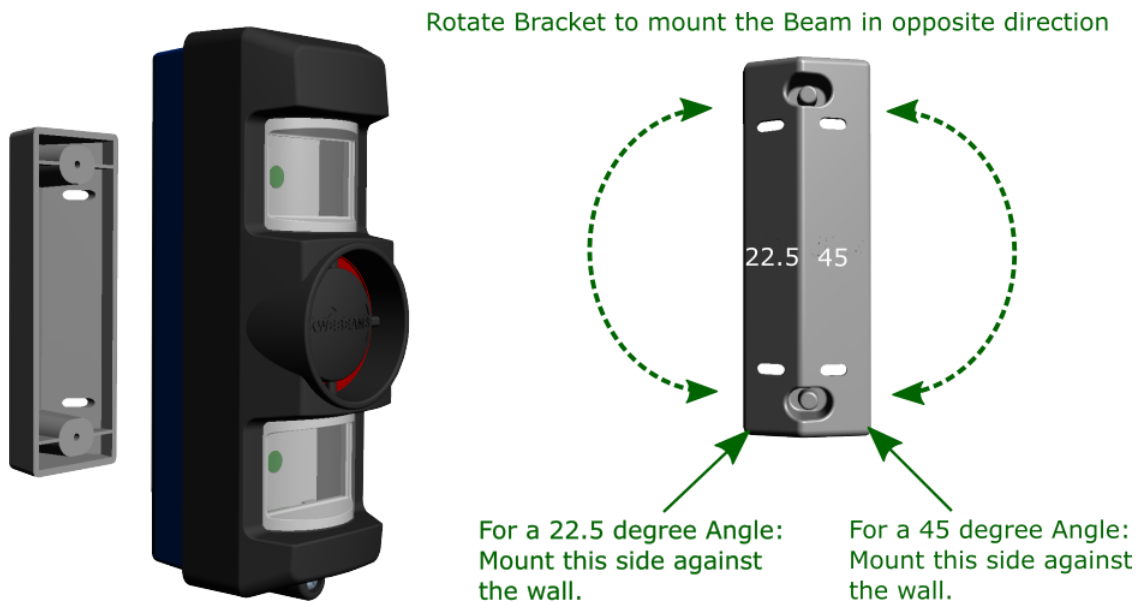

Beam Installation Guide



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.

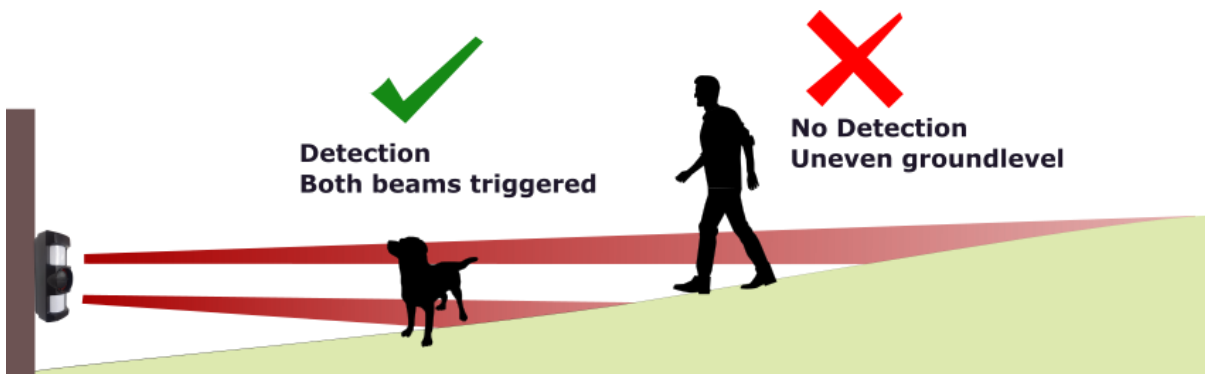
1.2 Insert the AA batteries.

The siren will sound softly for approximately 2 minutes to indicate the warm-up period. Wait for the warm-up period to complete.

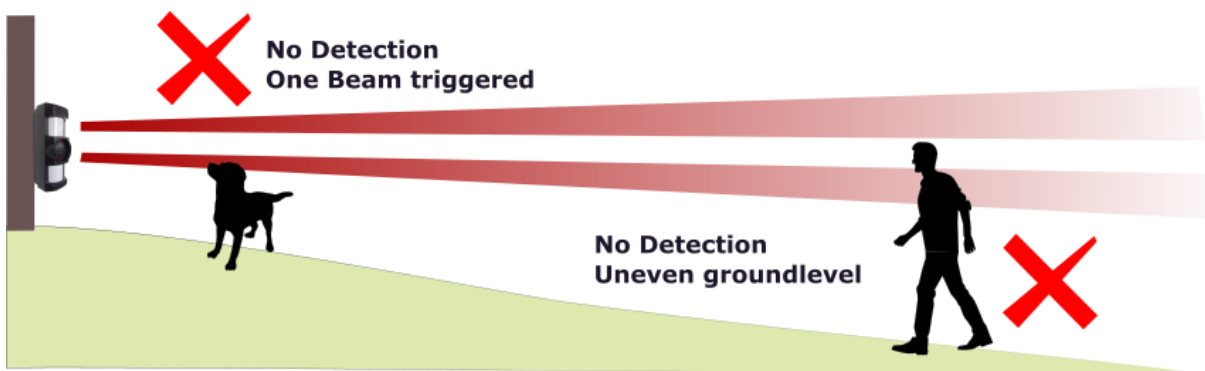
1.3 Uneven surfaces will affect the detection range



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 WITH THE KEYPAD (Skip this part if you have the Mobile App)

2.1 Link the Keypad & the Sensor with the supplied programming cable.

Select zone '9', Press & Hold  to save the zone number. The Keypad will sound a long "Beep", indicating the Zone is successfully saved.

Note: The FIRST Sensor must be saved as Zone 9 before attempting to pair the remaining sensors. DO NOT save more than 1 Sensor as Zone 9. If any other sensor is selected as ZONE 9, the pairing process must be restarted.

2.2 Pair the remaining Sensors using the programming cable.

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

2.3 If required, adjust the default settings using the 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)

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

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

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 SETUP WITH THE MOBILE APP

- Open the front cover of the Sensor you want to add to the system and place it near the GSM Unit.
- Navigate to “Devices” and press the “+” button.
- All sensors with an open cover will start a beeping sequence. CLOSE the cover or TILT the sensor you want to add to the system. This must be done before the beeping sound stops. The sensor will now appear as a new device in the App.
- Rename the Sensor before adding the next sensor. Press the Gear icon next to the newly added sensor, change the “Name” field and press UPDATE.

4 TESTING

4.1 The sensor will enter Walk-test-mode when closing the front cover.

NOTE: Deactivate double detect if the sensitivity of the Beam is not sufficient. Test mode will end after 90 seconds with no detection.

4.2 Signal Test

When opening the front cover of the Sensor, the siren will indicate the signal strength:

- 2 Beeps: Good Signal, with repeater functionality.
- 1 Beep: Good signal, with NO repeater functionality.
- No Sound: Poor or No signal.

5 GENERAL MAINTENANCE

5.1 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.

5.2 Always use 3 NEW alkaline batteries of the same kind when replacing the batteries.

Standard Duracell or Energize alkaline batteries are recommended.