

DUOGUARD

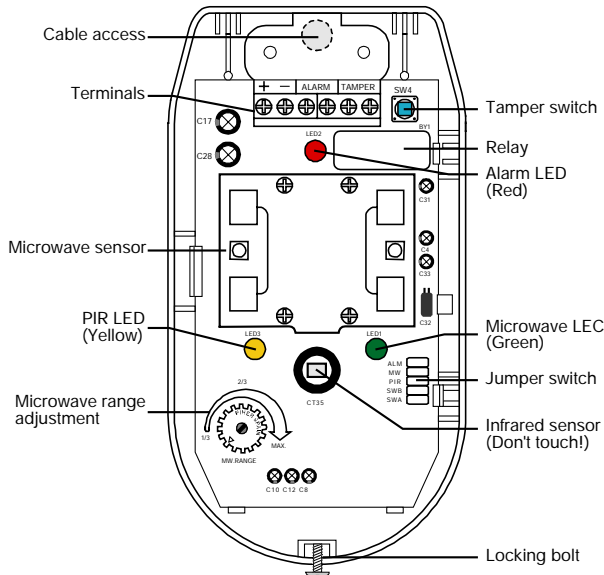
PIR + Microwave Motion Detector DP-250



Installation Instructions

INTERNAL VIEW

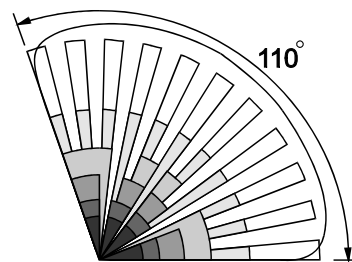
DETECTION PATTERN



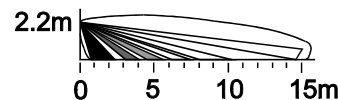
Model: DP-250

110°, 15 x 15m at 25°C

Top View



Side View

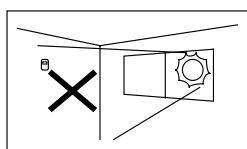


INSTALLATION HINTS

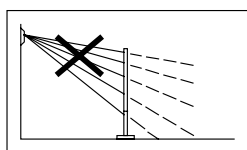
INSTALLATION & WIRING

The DUOGUARD may be either wall or corner mounted by applying different knockouts. The MB-95 or MB-99 mounting bracket can be applied for ceiling or wall mount. Corner mount is generally recommended for optimum detection.

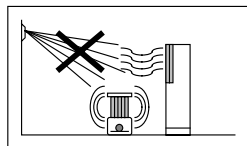
Installation



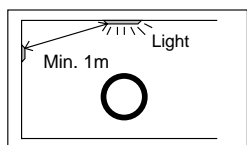
Do not install where the detector is in or facing direct/reflected sunlight, windows onto main roads (car head lights) or strong draughts / heaters.



Ensure that there are not any obstructions (plants, screens, furniture etc.) in the field of view which may cause incorrect cover/operation of the detector.



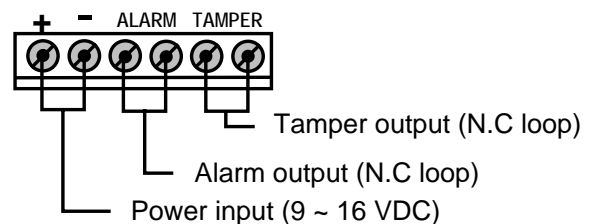
Avoid locating the detector in areas which contain equipment that may change the environment temperature rapidly.



Locate the detector at least 1 meter away from any illumination to avoid possible interference to microwave sensor.

1. Open the front cover by loosening the locking bolt at the bottom of the case.
2. Remove the printed circuit board from the base of the unit, by bending the P.C.B clips gently upwards (handle printed circuit board with care).
3. Punch out the required knockouts and mount the unit base to the wall, corner or bracket.
4. Lead the cable through the access hole and then refit the printed circuit board.
5. Connect the wires to the respective terminals according to the wiring instructions.
6. Replace the front cover after completing the wiring and carry out a through walk test.

Wiring



TAMPER terminals should be connected to the 24 hours N.C supervised loop of control panel.

⚠ Avoid running alarm wiring close to mains cables !!!

