

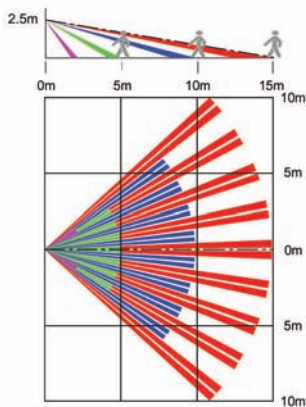
REDVISION WIRELESS PIR DETECTORS: RV-WP1520 RV-WP3020 RV-WP4004

INSTALLATION SHEET

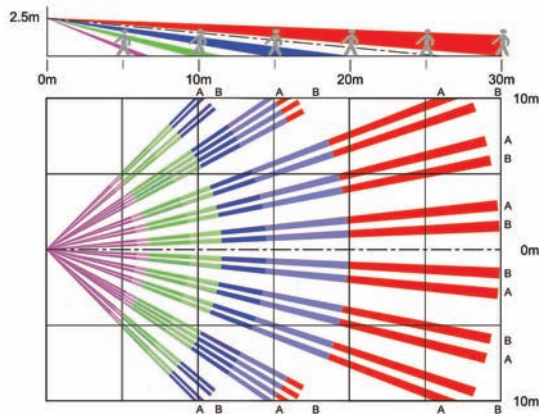
Full manual available as download from www.redvisioncctv.com **Warning:** Do not expose internal electronics to moisture during install.

Check Box Contents

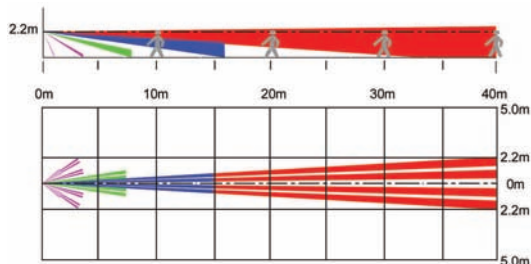
- 1 x Redvision wireless PIR detector.
- 1 x 1/4 wave antenna.
- 1 x sunshield.
- 4 x no.8 wall plugs.
- 4 x no.8 2" screws.
- 1 x 3mm hex key.



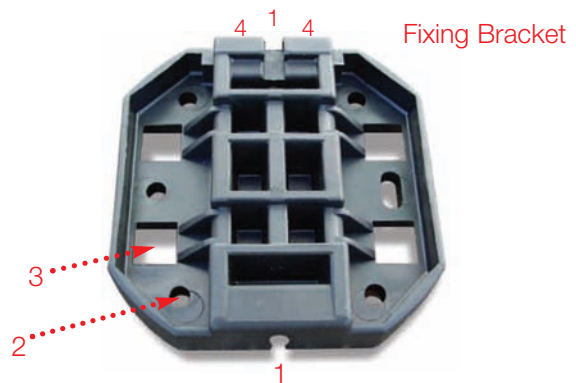
RV-WP1520 ZONE PATTERN
MEDIUM WIDE RANGE



RV-WP3020 ZONE PATTERN
LONG WIDE RANGE



RV-WP4004 ZONE PATTERN
LONG NARROW RANGE



Fixing Bracket

Positioning

- Correct mounting height for detector is 2 to 2.5 metres above ground.
- Detectors require a clear view of area to be covered-avoid overshooting detection area.
- Fixing must be solid-and not sway-avoid reflective surfaces.

Fixing the PIR

1. Undo two socket screws to release fixing bracket.
2. Four holes for wall mounting; use screws/plugs provided.
3. Four slots for post mounting; use banding or jubilee clip.
4. Orientate cut out location lip to the top.

Setting Dip Switches

- 1 Remove the front of the detector by releasing two rear socket screws.
- 2 Set PIR Site Code (SW1), PIR Unit Code (SW2) & Pulse Count (SW2) as follows:

PIR Site Code

Provides up to 32 channels of wireless transmission; (1 to 16 shown). This transmission needs to be matched between the Dome Head Site Code (see RV-PSU-ALM-W Install Sheet) & the Site Code within the PIR to enable alarm activation. One or more domes will respond to any PIR within range providing the Dome head Site Code & the corresponding PIR Site Code match.

SW1

| | 4 | 5 | 6 | 7 | 8 |
|----|---|---|---|---|---|
| 1 | ▲ | ▲ | ▲ | ▲ | ▲ |
| 2 | ▲ | ▲ | ▲ | ▲ | ▼ |
| 3 | ▲ | ▲ | ▲ | ▼ | ▲ |
| 4 | ▲ | ▲ | ▲ | ▼ | ▼ |
| 5 | ▲ | ▲ | ▼ | ▲ | ▲ |
| 6 | ▲ | ▲ | ▲ | ▲ | ▼ |
| 7 | ▲ | ▲ | ▼ | ▲ | ▲ |
| 8 | ▲ | ▲ | ▼ | ▼ | ▼ |
| 9 | ▲ | ▼ | ▲ | ▲ | ▲ |
| 10 | ▲ | ▼ | ▲ | ▲ | ▼ |
| 11 | ▲ | ▼ | ▲ | ▼ | ▲ |
| 12 | ▲ | ▼ | ▲ | ▼ | ▼ |
| 13 | ▲ | ▼ | ▼ | ▲ | ▲ |
| 14 | ▲ | ▼ | ▼ | ▲ | ▼ |
| 15 | ▲ | ▼ | ▼ | ▲ | ▲ |
| 16 | ▲ | ▼ | ▼ | ▼ | ▲ |

PIR Unit Code

These codes identify each individual PIR from 1-16.

SW2

| | 1 | 2 | 3 | 4 | 5 | 6 |
|----|---|---|---|---|---|---|
| 1 | ▲ | ▲ | ▲ | ▲ | ▲ | ▲ |
| 2 | ▲ | ▲ | ▲ | ▲ | ▲ | ▼ |
| 3 | ▲ | ▲ | ▲ | ▲ | ▼ | ▲ |
| 4 | ▲ | ▲ | ▲ | ▲ | ▼ | ▲ |
| 5 | ▲ | ▲ | ▲ | ▲ | ▼ | ▲ |
| 6 | ▲ | ▲ | ▲ | ▼ | ▲ | ▲ |
| 7 | ▲ | ▲ | ▲ | ▼ | ▲ | ▲ |
| 8 | ▲ | ▲ | ▲ | ▼ | ▲ | ▼ |
| 9 | ▲ | ▲ | ▼ | ▲ | ▲ | ▲ |
| 10 | ▲ | ▲ | ▼ | ▲ | ▲ | ▼ |
| 11 | ▲ | ▲ | ▼ | ▲ | ▼ | ▲ |
| 12 | ▲ | ▲ | ▼ | ▲ | ▼ | ▼ |
| 13 | ▲ | ▲ | ▼ | ▲ | ▲ | ▲ |
| 14 | ▲ | ▲ | ▼ | ▲ | ▼ | ▲ |
| 15 | ▲ | ▲ | ▼ | ▲ | ▼ | ▲ |
| 16 | ▲ | ▲ | ▼ | ▼ | ▲ | ▲ |

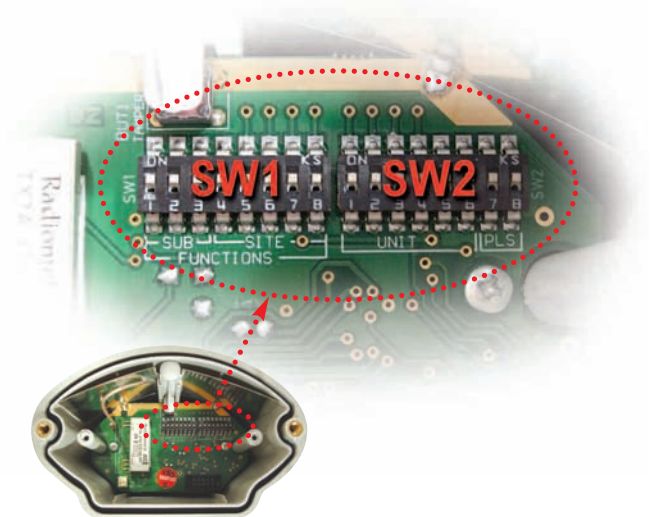
Pulse Count

This sets the sensitivity of the detector. Single pulse is the most sensitive setting and four pulses the least. Factory setting is one.

SW2

| | 7 | 8 |
|---|---|---|
| 1 | ▲ | ▲ |
| 2 | ▲ | ▼ |
| 3 | ▼ | ▲ |
| 4 | ▼ | ▼ |

UP = ▲
DOWN = ▼



SW1: SWITCHES 1 to 3 are SUB-NET CODES not used for wireless PIR/DOME configuration.

Angle Adjustment

Slacken the pan and tilt screws ^{*a} to align detector.

Antenna Connection/Sunshield

Attach sunshield and secure with aerial on screw stud ^{*b}

DO NOT OVER TIGHTEN.

Changing/Connecting Batteries

- 1 Remove the front of the detector by releasing two rear socket screws.
- 2 Disconnect connector from PIR front.
- 3 Release re-useable cable ties and insert New High Power 1.5 volt Cells observing polarity shown.
- 4 Re-secure cable ties, re-connect cable and secure PIR front with socket screws.

