

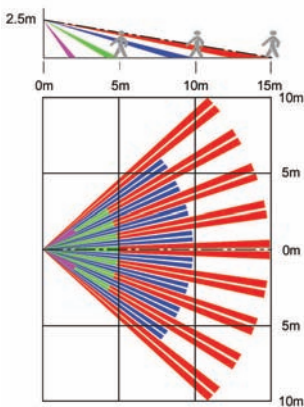
REDVISION WIRELESS PIR DETECTORS: RV-WP1520 RV-WP3020 RV-WP4004

INSTALLATION SHEET

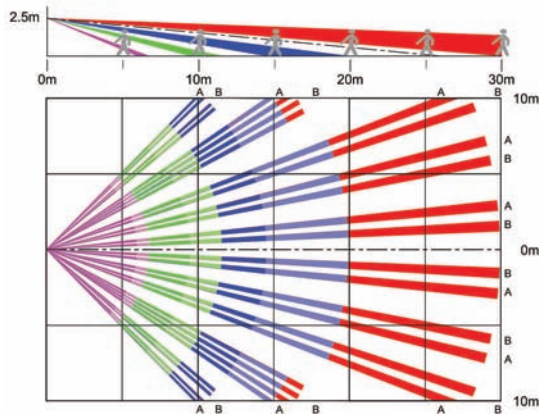
Full manual available as download from www.redvisioncctv.com **Warning:** Do not expose internal electronics to moisture during install.

Check Box Contents

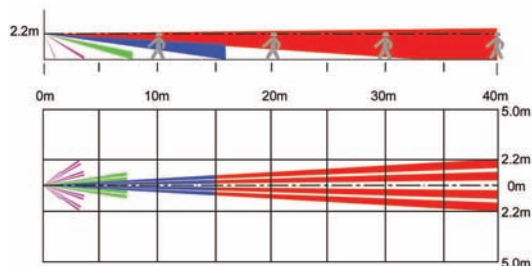
- 1 x Redvision wireless PIR detector.
- 1 x 1/4 wave antenna.
- 1 x sunshield.
- 4 x no.8 wall plugs.
- 4 x no.8 2" screws.
- 1 x 3mm hex key.



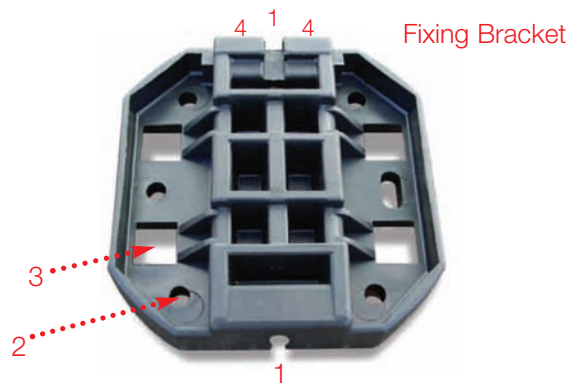
RV-WP1520 ZONE PATTERN
MEDIUM WIDE RANGE



RV-WP3020 ZONE PATTERN
LONG WIDE RANGE



RV-WP4004 ZONE PATTERN
LONG NARROW RANGE



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	▲	▲	▼	▼	▼	▲

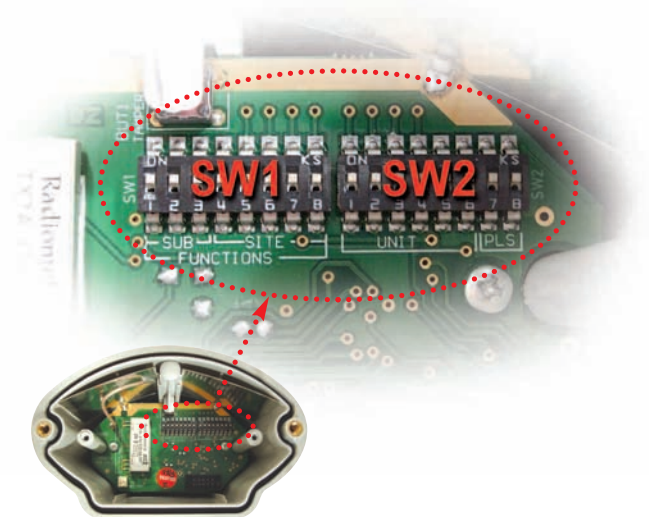
Pulse Count

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.

