

**PHONE & EMAIL ADVICE – SECURE ONLINE ORDERS OR CALL OUR OFFICE
DISCREET OVERNIGHT EXPRESS POSTAGE AUSTRALIA WIDE**



LONG RANGE SOLAR GATE & DRIVEWAY ALERT

Model Number – DRIVE-KIT-PIR

Short Description

Our new Long Range *Solar Driveway & Gate Alert Kit* is a very cost effective DIY motion alarm. No cabling or power needed. If a person or car enters through your gate, driveway, shed or entry point, the *solar powered wireless motion sensor* signals the base receiver to sound a chime or melody. The base receiver will connect up to 4 motion sensors. Additional motion sensors are optional at the checkout. Call or email for more information.

SKU SOLAR-LONG-PIR

Description

The indoor base receiver plugs into any Australian 240V power point. The base receiver sounds a volume adjustable chime or melody the moment it receives the wireless motion signal from up to 800m away. The melody has over 30 selectable from which to choose audio melodies or sounds, including a dog bark. In other words, those indoors will hear a warning sound when someone approaches your property gate or boundary.



The motion sensor is powered by a built in rechargeable lithium battery. No need to replace the battery and it will slowly trickle charge even in poor weather. The battery won't go flat so don't be concerned however, if the motion sensor is mounted in a shaded or dark area with poor sunlight, the sensor battery can be recharged. We provide our customers with a free 5V USB charger just for that purpose.



SOLAR WIRELESS MOTION SENSOR

- Solar Powered No Need Replace Batteries
- Batteries Can Be Charged Even In Cloudy Or Rainy Days!!!

Wireless sensor transmission range?

Up to 800m can be achieved depending on terrain and obstacles. A clear line of sight is ideal. Obstacles between the transmitter and base receiver can interrupt the wireless signal distance although in most cases, simply moving the base receiver or repositing the motion sensor will fix it. Wise to test wireless reception before mounting the sensor.



Motion detection range?

This high precision *wireless driveway alarm system* features a low-rate false alert with adjustable sensitivity. The motion detection distance range is adjustable from Low, Medium to High range up to 21m. Wireless alert distance from the motion sensor to the indoor base receiver is up to 800m depending on obstacles and terrain.

The sensor mounting height ought to be about 1m above ground level. It can be mounted higher but must be tilted slightly toward the ground. Do NOT to aim the solar sensor toward the sun or horizon as the sensor needs to have a ground point of reference. Aiming the sensor at the sun will shorten it's life and may also affect detecting motion so do take this into account.

The solar sensor has a 60° detection angle up to 21m motion sensing distance, the wireless driveway and gate alert system is both cost effective and ideal for driveways, gates, walking paths and entry or exit points.

Pictured below is a motion sensor attached to a timber boundary post. Note the sensor aimed slightly downward rather than horizontal.



Is this system expandable?

The wireless driveway alarm system includes one solar motion sensor and one base receiver. Can expanded to include up to 4 solar motion sensors and/o multi base receivers for complete property coverage. 5 adjustable levels of volume with up to 35 optional chime melodies, you know exactly which zone has been breached. Additional motion sensors or base receiver can be ordered at our website checkout.

Please note there are no base receiver or motion sensor relay inputs or outputs. In other words, 3rd party external devices cannot be interfaced with this device. If on the other hand you desire more functions such as a text alert module, perhaps an external strobe light or siren, we do offer a similar solar powered Industrial type system See our Industrial [Wireless Gate Alert system](#) for more information and optional accessories.

Is the motion sensor weatherproof?

The motion sensor is IP66 weatherproof rated and designed for both indoor and outdoor use. Ideal for homes, yards, gates or anywhere motion is likely to be occur. The 4 zone base receiver is not weatherproof. It must be undercover and not subjected to outdoor elements including condensation and moisture.



Adjust the installation height and the detection angle to avoid the small animals to activate the sensor.



Can be used for the perimeter defense(farm/warehouse/factory/etc), alert you at anytime others want to enter your property.

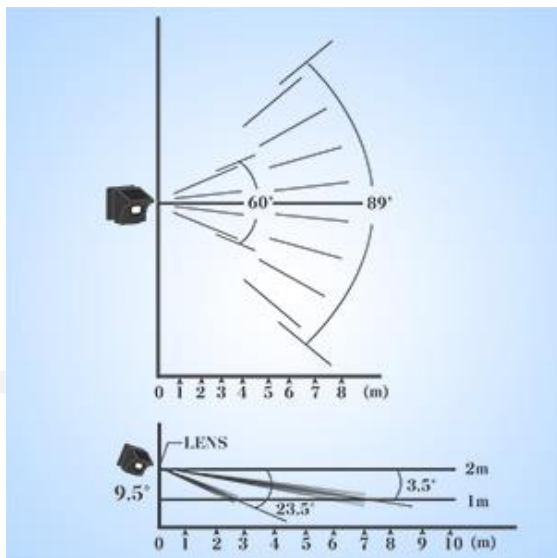


Alert you if anyone enters your property without your knowledge.

Is the kit easy to install myself?

Anyone with a screwdriver or a cordless drill can easily attached the solar motion sensor on a wall, post, or any other stable object. We don't recommend mounting the motion sensor to a tree trunk or branch as wind movement can potentially cause the motion sensor to false trigger. A stable secure mounting position is recommended.

We also recommend the solar panel to be tilted about 30 degrees and angled slightly toward the ground rather than horizontal so the sensor has a "point of reference" with mounting screws provided with each kit.



Specifications

- Transmission Range: Max: 800m
- Channels: Max: 4 Channels
- PIR Detection Range: High/Low Sensitivity: 21m/15m/7m
- RIR Detection Angle: Horizontal: 60 degrees Vertical: 40 degrees
- Solar power panel: Max:0.35W
- Detector Charging: DC 5V/1A
- Weatherproof rating: IP66

One base receiver can accommodate up to 4 solar motion sensor panels although base receiver numbers are unlimited.

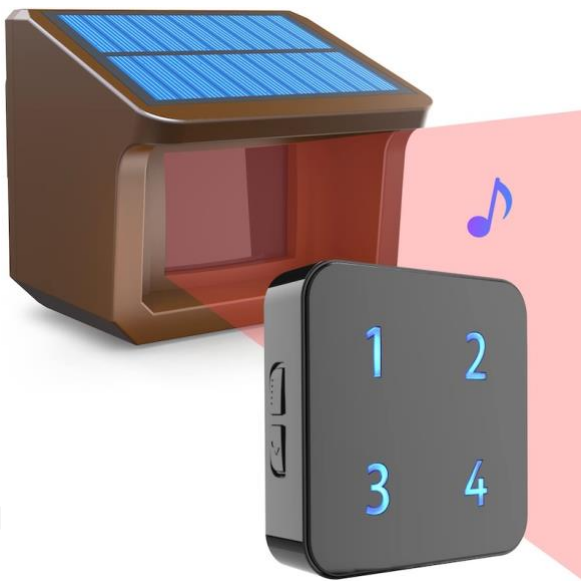




As mentioned, the base receiver can be up to 800m from any connected sensor, so line of sight is important with the least obstacles as possible. That's not to say it won't function with a few trees in between but the less obstacles the longer the wireless distance. In some case slightly altering the position of a motion sensor or base receiver can make all the difference but as a rule, we don't normally encounter issues with wireless transmission distance, particularly shorter range.



The alarm base receiver pictured below connects to a 240V power point. It's not battery powered although our [Solar Wireless Driveway Alert](#) can be either mains or AA battery powered.



Technical Specifications

Voltage	AC100V – 240V
Current	Static current 20mA
Alarming Current	300mA
Wireless Frequency	433MHz FSK+FHSS
Detection angle	15 degrees
Max wireless range	800m
Battery	Rechargeable LiFePO4
Battery capacity	500mAH
Solar Panel	>100mA in Sunshine
Operating Temp	-30C to 60C

How to Arm the system

Each kit is supplied with a 4Ch base receiver and a single solar motion sensor. If more sensors or base receivers are needed, please call or email our office sales@hiddencamera.com.au

In most cases the 1st PIR motion sensor is already programmed in so nothing more to do although additional motion sensors will need to be added by you and the included user manual explains how to do it which isn't difficult.

On the back of the motion sensor, you will see a red rubber removeable pad and beside it is the On/OFF button. With regard to the round red pad or grommet (looks like a button) this is actually a power interface. Peel back the red weather protecting grommet to reveal a charge point. The DC lead supplied along with our 5V USB power supply will recharge the battery if needed.

To switch the motion sensor on, press and release the on/off button 4 times then wait 30 seconds. Wave your hand in front of the sensor to trigger the base receiver alert or chime.

If not happy with the chime or melody, there are 35 different selections from which to choose. On the side of the receiver are 2 buttons. The lower button when pressed changes the chime or melody. The upper button alters the volume level.

To switch the sensor off, press and release the on/off button 3 times.

How to adjust motion sensitivity levels?

There are 3 separate levels, High, Medium, and Low. Switch off the sensor by pressing and releasing the on/off button 3 times. A long beep will sound and the on/off LED will be off.

Low Sensitivity	– Press the on/off 3 times	- 7.5m
Medium Sensitivity	– Press the on/off 4 times	- 15m
High Sensitivity	- Press the on/off 5 times	- 21m

Dimensions

Base Receiver	88 x 88 x 48mm
Motion Sensor	With mounting bracket attached - 90 x 103 x 92mm

Hidden Camera Surveillance