

# Sureguard

## ScareCrow-360°

### USER INSTRUCTIONS

Model #840



**Motion Activated Animal Deterrent**

*Thank you for purchasing the latest technology in Animal Deterrents.*



## How this Repellent Works

Sureguard ScareCrow-360° Motion Activated Deterrent is an innovative and humane way to keep many unwanted animals out of an area. It's environmentally friendly and a safe alternative to chemical repellents.

Sureguard ScareCrow-360° uses **THREE** repelling actions that are active horizontally in all directions, 360 degrees. So no matter which direction the animals come from, the deterrent will be active.

- Blue Sentinel Lights flash to deter animals over long distances at night.
- Close up, Motion Sensors detect the body heat of animals. This triggers about 5-seconds of Ultrasonic Sound and White Flashing Lights.
- The combined flashing pattern of the White Lights and Blue Sentinel Lights simulate an Up-Down Motion of the device that animals are particularly wary of at night.

## Features

- Two User Selectable Operating Modes – 24 Hours or Night Only.
- Solar powered with internal Lithium Rechargeable Battery.
- External USB charging port.
- Blue Sentinel Light can be switched off.
- Ultrasonic changes frequency to target many animal's unique hearing range.
- Metal Ground Spike allows easy placement in your lawn or garden.

## Specifications

- **Motion Sensors:** One on each face; a total of three.
- **Motion Activation Distance:** Up to about 8m depending on the environment.
- **Sentinel Lights:** Total of six, spaced apart at 60-degrees.
- **Sentinel Active Distance:** At night, up to 50m to 200m.
- **Ultrasonic Speakers:** One on each face; a total of three.
- **Ultrasonic Frequencies:** Multiple hopping tones from 22kHz to 50kHz.
- **Ultrasonic SPL:** About 75dB to 90dB at 1m (frequency dependant).
- **White Flashing Lights:** Two on each face; a total of six.
- **Enclosure:** Weather resistant to an IP44 rating.
- **Internal Battery:** 18650 Lithium Ion 3.7 volt 2200mah. Charge 6-8 hours.



## Animal Control Guide

The Sureguard ScareCrow-360° has the ability to modify animal behaviour, but animals have natural behaviours and motivations that should also be considered. It may take longer to get results when an animal has strong motivation. So, for example, when animals\* are eating your garden plants they are probably doing so because little food is available and they be difficult to control. Also, persistent behaviours can sometimes take longer to control. For example, deterring a neighbour's dog from visiting will likely get quick results because the dog is aware it's out of its territory. However, **your** dog may not be initially controlled, but eventually the deterrent becomes a nuisance to your dog. How long the modified behaviour persists can vary. For example, a possum may stop visiting for a time but return when food is in short supply. Therefore, however quick the initial result should be, don't be too quick to switch OFF the Sureguard ScareCrow-360°. You want to send a strong message if the animal returns: "this deterrent is always here to protect".

### Sureguard recommends:

- 1/ Using the Sentinel Blue Light, where possible.
- 2/ Leaving the device switched ON, even if the animal stops visiting.

**Birds:** Birds don't hear ultrasonic. Timid and larger birds can be repelled by the flashing lights.

**Cats:** Visiting cats should quickly learn to stay away. Your pet cat may require more time to control.

**Dogs:** Visiting dogs should quickly learn to stay away because they are intruding on another's territory. Your pet dog may require more time to understand the deterrent, and it should be left in place for the deterrent effect to persist.

**Deer\*:** Always have the Sentinel Light operating. Leave the device active continually.

**Foxes:** Use the Night-Mode setting if visitations occur at night and always have the Sentinel Light operating. If protecting poultry, you may require two or three devices surrounding your shed to ensure at least one Sentinel Light can be seen from any approach direction.

**Possums\*:** Use the Night-Mode setting for best results and leave the device active continually. The Sentinel Light may or may not be relevant. The Motion Sensor must be about the same height as the possum and within at least one of the Motion Sensor's range. So if the possum is walking along a fence, up a tree, climbing a building structure, etc., ensure the Sensor is at that height. If the possum is at ground level, adjust the height of the Support Post.

**Rabbits\*:** Leave the device active continually. Shorten the Support Post to get the appropriate height for the Motion Sensor. If possible, use the Sentinel Light.

**Rodents:** Use the Night-Mode setting, and place in a dry location at ground level.

**Wallabies\* and Kangaroos\*:** Always have the Sentinel Light operating. Leave the device active continually.



## Parts Guide





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**Solar Panel:** Use the device in full sun, away from any shadowing.

**Sentinel Light:** Flashes continually, once per second. Six Blue LEDs emit light over 360-degrees. The Sentinel Light scares wary animals at distances up to 50m to 200m at night. We recommend leaving the light active, although it can be switched off if not appropriate. (See below, "**Power Button**"). During daylight hours the flashing light is handy to know (from a distance) that the device is switched ON.

**Motion Sensors:** Three PIR Motion Sensors protect a full 360-degrees causing the device to emit a burst of Ultrasonic Sound accompanied by White Flashing LEDs. The Sensors detect body heat, so they cannot respond to cold-blooded animals. Detection is most sensitive when animals walk ACROSS the Sensor's viewing area rather than moving directly towards the Sensor. Avoid placing near foliage that may cause false triggering during windy daylight hours. (Not applicable if using Night-Mode).

**White Flashing Lights:** These lights are activated by motion within the range of any of the three PIR Motion Sensors. All six lights activate simultaneously.

**Ultrasonic Speakers:** These special wide-band Ultrasonic Speakers produce high-frequency sound that animals can hear. Each animal has its frequency range of hearing. The frequencies emitted by these speakers varies to deter many different animals. All three Speakers activate simultaneously. **NOTE:** There is a test tone that sounds when the device is first switched on so you can check the speakers are active.

**3-Piece Metal Post:** This 3-Piece Metal Post brings the working height for the Motion Sensors up to most animal's height. Use all three pieces to get maximum height or just one or two. Place it **FIRMLY** in the ground to avoid false triggering due to device movement from strong winds. For non-soil areas, place the Metal Post into a movable soil-filled heavy pot. Also, the device has a flat base so it can be installed without the post, on a stable level surface but not exposed to rain. For example, rest the device at ground level if you want to sense rodents. Or, place the device at any height on a suitably flat object, but make sure it cannot fall and get damaged. **IMPORTANT: Do not allow the device to sit in water.**

**Power Button:** Press and hold down the Power Button for one to two seconds to switch the device ON or OFF. To deactivate the Blue Sentinel Light, **press and immediately release** the Power Button.

**NOTE:** Switching ON the device resets it to operate in 24-Hour mode with the Sentinel Light ON.

**Function Button:** The Function Button changes the operating mode between Night-Mode and 24Hr-Mode. When the device is first switched ON, it will start in 24Hr-Mode. **Press and immediately release** the Function Button to change operating modes. In Night-Mode, the Motion Sensors are inactive during daylight and a Green LED shines through one of the Sensor windows.

**USB Charge Port:** Before first use, connect a 5 volt USB charger of at least 500mA rating. Never use a computer USB to charge. In day-to-day operation, the Solar Panel will keep the battery charged. In prolonged cloudy weather, the following indications mean the battery is flat: 1/ the White LEDs are flashing constantly, 2/ the White LEDs are dimly or no longer lit. To recharge, connect to your USB charger using the supplied cable. The RED LED will glow until the charging has finished; typically 6 to 8 hours.



## Warranty

### Manufacturer's Warranty

Sureguard provides a Manufacturer's Warranty to the original purchaser or gift recipient to cover defects in materials and workmanship for a period of 12 month.

#### **Extend your Warranty to 3 Years!**

[www.sureguard.com.au/warranty-extended](http://www.sureguard.com.au/warranty-extended)

### 1.0 User Acceptance

- By purchasing or using this product the purchaser agrees they have read and accept and abide by these Terms and Conditions. Full Terms and Conditions at [www.sureguard.com.au/terms](http://www.sureguard.com.au/terms)
- Sureguard reserves the right to amend these Terms and Conditions at any time.

### 2.2 Manufacturer's Warranty

- Sureguard's warranty does not cover damage or loss caused by or resulting from abuse, accidents, breakages, loss of parts, unauthorised alterations or repairs, unauthorised dismantling of the product, normal wear & tear, normal battery ageing, the natural breakdown of colours and materials over time and use, failure to follow recommended maintenance, rust corrosion, lightning strike, abnormal mains voltage fluctuations, battery leakage, insects, vermin, failure to use the product for its intended purpose, incorrect or incomplete installation or usage, theft, and causes beyond the control of Sureguard.
- Sureguard reserves the right to determine whether a fault is caused by faulty workmanship or materials.
- Sureguard reserves the right to repair or replace goods. Replacement parts or goods may be refurbished.
- The warranty published here is the only warranty given by Sureguard and no person has authority to change or add to these obligations & liabilities.
- This warranty shall not apply to any loss (whether direct, indirect or consequential) suffered through or resulting from failure or ineffective operation of the product except as provided by law.
- **Nothing in this warranty shall be construed as affecting any rights you may have under State or Commonwealth Legislation which gives you rights that cannot be modified or excluded by agreement. Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.**

### 2.3 Service & Repairs

- Sureguard's Technical Department provides Service & Repairs for products not covered by the Manufacturer's Warranty.
- Sureguard takes reasonable steps to provide spare parts for a reasonable time after purchase.
- Sureguard reserves the right to refuse Claims when products have been modified, dismantled, repaired or altered without Sureguard's authorisation.



## **2.4 Return Address**

- Sureguard Pty Ltd, 25 Owens Cres., Alstonville NSW 2477.

## **2.4.1 Conditions for Returning Goods**

- Before returning goods you must contact Sureguard to Lodge a Claim (under Section 2.5).
- After receiving your Return Authorisation you must cease using the goods and promptly return the goods to ensure they arrive at Sureguard's Return Address (as per Section 2.4 above) within 14-days.
- Returned goods must include a copy of the original Tax Invoice or enough information to identify the original purchaser and seller.
- Returned goods must be packaged to avoid damage in transit.
- Return shipping and insurance costs are the purchaser's or sender's responsibility. Sureguard will cover return shipping if required by Australian Consumer Law. Sureguard will refuse COD returns.
- Costs associated with quotations, service or repairs must be paid before the goods are returned. Goods will be disposed of if costs are not paid within 90-days of notification that the goods are ready for shipping.

## **2.5 Lodge a Claim**

- To lodge a Claim simply contact Sureguard's Technical Department on 1800-800-044 or email: [claims@sureguard.com.au](mailto:claims@sureguard.com.au). If the goods are to be returned you will be issued with a Return Authorisation.

## **3.0 Limitation of Liability**

Sureguard will not be liable in any way for any direct, indirect, incidental, special or consequential losses or damages resulting from use of Sureguard's website, products or services or inability to use Sureguard's website, products or services, except as provided by law. Where any State or Commonwealth Legislation prohibits the inclusion of any clause or term set out in these Terms and Conditions, the liability imposed on Sureguard, will be limited, at Sureguard's discretion to any one or more of the following:

- The replacement of the goods or re-supply of equivalent goods.
- The cost of the goods or the cost to re-supply the equivalent goods.
- The repair of the goods.
- The payment of cost to repair the goods.

## **5.0 Safety – Your Responsibility**

- All persons who use the purchased product must read the User Instructions prior to operating the product.
- Do not allow children to operate or play with the product.
- Do not dismantle the product.
- Do not alter the product or add non-standard materials to it unless approved in writing by Sureguard.

## **6.0 Disclaimer Notices**

- No performance guarantee is offered for any control device Sureguard sells. Animals, birds, rodents, snakes, etc., all have natural instincts, behaviours or motivations that may be modified by the use of control devices. However, the degree of improvement and how long this may take or persist cannot be predicted or guaranteed.
- The purchaser must not use the product for other than its intended purpose.
- All of Sureguard's published content is subject to change without notice.

*Sureguard provides quality animal containment and behaviour solutions that are effective and easy to use.*

***It's always "Better By Sureguard" !***

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[www.sureguard.com.au/shop](http://www.sureguard.com.au/shop)

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Video Demonstration:



[sureguard.com.au/video\\_scarecrow\\_360](http://sureguard.com.au/video_scarecrow_360)