

WIRELESS OUTDOOR EARLY WARNING SYSTEM



2022/2023

**24/7 WARNING SYSTEM
FOREWARNED IS FOREARMED**

www.roboguard.co.za



Roboguard Beam

This is a battery operated, dual sensor, outdoor movement detector designed to detect intruders and wirelessly transmit the information to a Roboguard Base Station.



Portable Headquarters (HQ)

A portable 8-zone, 4-output, base station is used to receive and announce signals from up to 8 Roboguard Sensors. The HQ can also be wired to a siren and/or a hard-wired alarm panel.



Alarm Interface

The Roboguard alarm interface is used to interface up to 4 Roboguards with individual intruder detect, tamper and status LEDs.



Power pack

The HQ interfaces with external devices such as a siren and/or alarm panel. It is a complete solution with a 7A/h battery, 16VDC transformer, tele-cable, DC power to HQ and 5 relay out-put PCB.



Receiver

A separate receiver provides the data stream for the Keypad and for the repeater station.



Transmitter

A Roboguard Transmitter is capable of transmitting roboguard intruder and roboguard remote alarms in response to triggering from externally connected systems.



LED

The LED Driver unit is used to indicate visually the status of the Roboguard system. The status is indicated via an add-on LED. LED indicates Armed, Disarmed or Alarm conditions.



Keyfob Transmitter

A handheld remote transmitter is used as a panic button and remote control for radio base stations. 4-button and 6-button versions are available.

ROBOGUARD GSM

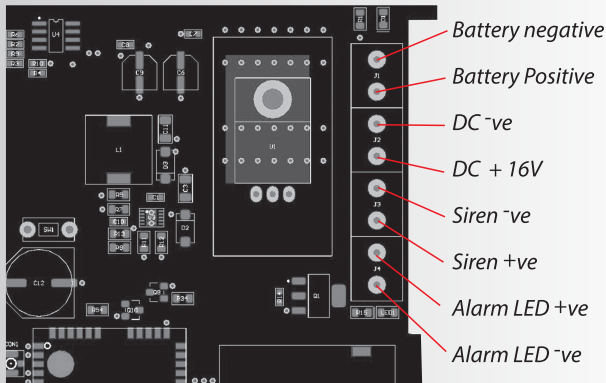
The Roboguard GSM unit connects to the Roboguard Head Quarters (HQ), thus it is ideal for any existing HQ Roboguard system. It allows you to ARM or DISARM the system via a missed call or SMS and receive SMS notification of the armed state. Once armed, it will send an SMS notification if either of the zones are violated.

The Roboguard GSM unit consists of a Power Supply, 12V DC 7A/h battery, Onboard transmitter, Siren output and Armed LED output.



ROBGSM

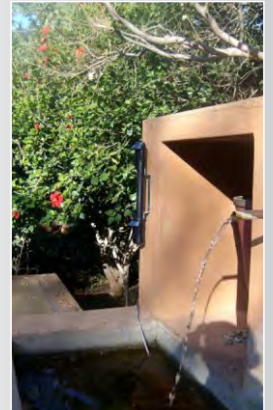
Roboguard GSM



Roboguard GSM Connections

Features

- SMS Reporting to 5 numbers
- SMS Notification of individual zone violation
- Zone naming
- Armed/disarmed status notification
- Mains fail notification
- Battery backup with 12V 7A/h battery
- On-board transmitter
- Siren out put
- Armed status LED
- Easy setup



Camouflaged guard

WALK TEST MODE



Setting up the beam array for optimal performance:

After mounting your Roboguard, make sure it is detecting intruders. If its range seems very short, you will need to adjust the beams to make them level with the ground and parallel to each other. *The Walk Test* allows you to hear the beams as they detect and make these adjustments.

1. Remove the battery cover from the Roboguard or press and release the tamper switch. The on-board buzzer will activate for about 20 minutes before going silent again.
2. Ensure that the securing screw of both top and bottom sensor boxes is over the middle line of the adjustment slot.
3. The Roboguard will now beep once for every time the bottom sensor detects, and twice for every time the top sensor detects. You should hear three 'beeps' which means that both sensors are detecting.
4. Walk across the path cutting the beams from left to right and back again, and keep increasing the distance between you and the Roboguard. Don't walk directly towards the Roboguard.
5. If only 1 'beep' is heard, only the bottom sensor is detecting you and the top beams are most probably set too high.
6. Top Sensor: Loosen the retaining screw. Sliding the sensor box up will lower the beam, pulling it down will raise the beam (seesaw effect). A 1mm adjustment will move the beam 1 metre up or down over 10 metres, so make only slight adjustments until you hear the beam strike you. Tighten the retaining screw.
7. Bottom sensor: Follow the same instructions if only the top sensor is detecting you, this time moving the bottom sensor box.
8. Work slowly and methodically and check every beam in the pattern. Pause for 2 seconds between 'beeps' to catch the next beam.
9. Note: Move slowly; if only 1 sensor is detecting you, the Roboguard takes longer to react as it is waiting for the other sensor to detect.

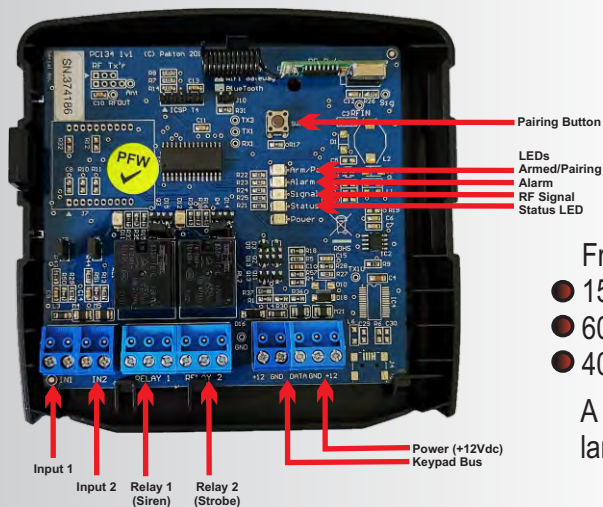


JVA RFI INTERFACE MODULE

Now also compatible with Roboguard

This Australian designed and manufactured device is highly reliable and boasts the following features and benefits:

- Can monitor up to 8 wireless zones
- Can monitor up to 2 wired zones (sacrificing 2 wireless zones)
- Can be paired with up to 20 remotes
- Alarm reporting for each zone – through a User Interface
- Programmable Options – easy to customize the device to suit varying site requirements
- 2 programmable function relay outputs



Frequency range:

- 150M – Roboguard Detectors
- 60m – PIR Detectors
- 40m – Remotes

A Roboguard-Repeater might be required for larger sites or improved signal strength



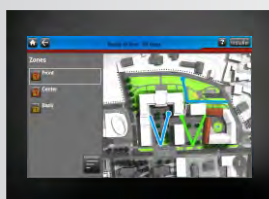
JVA 4-Line Keypad

The JVA RFI Interface can be set up and used in different configurations:



Basic Stand-Alone Configuration

Programming Roboguards into the JVA RFI via the program button: arm and disarm the system via a JVA Remote or Roboguard Remote; when a Roboguard detects motion, the RFI will trigger the Siren and Strobe.



JVA Android Keypad Configuration

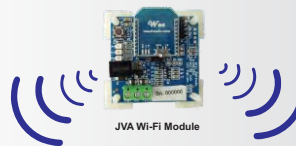
Program the Roboguards into the JVA RFI via the program button or the JVA Android Keypad. Arm and disarm the system via a JVA Remote or Roboguard Remote or JVA Android Keypad. When a Roboguard detects motion, the RFI will trigger the Siren and Strobe outputs and the zone name will display on the JVA Android Keypad Mimic screen. Zones can be named for easier identification. If you have a JVA Energizer, this can also be linked to the system.

JVA 4-Line Keypad Configuration

Program the Roboguards into the JVA RFI via the program button or the JVA 4-Line Keypad. Arm and disarm the system via a JVA Remote or Roboguard Remote or JVA 4-Line Keypad. When a Roboguard detects motion, the RFI will trigger the Siren and Strobe outputs and the zone number will display on the JVA 4-Line Keypad. If you have a JVA Energizer, this can also be linked to the system.

JVA CloudRouter™ Configuration

Program the Roboguards onto the JVA RFI via the program button or the JVA Android Keypad or JVA 4-Line Keypad. Arm and disarm the system via a JVA Remote or Roboguard Remote or JVA Android Keypad or JVA 4-Line Keypad or via the CloudRouter™ portal from a laptop, tablet or smart phone.



When a Roboguard detects motion, the RFI will trigger the Siren and Strobe and the zone will display on the CloudRouter™. You can choose what notification you should receive: *SMS, Email or Facebook Messenger*. Zones can be named for easier identification. If you have a JVA Energizer, this can also be linked to the system.

You can control your system from anywhere in the world as long as you have access to internet. Up to 4 users, with a 500 event log, can control and supervise the system.

ROBUST VERSATILE AND RELIABLE

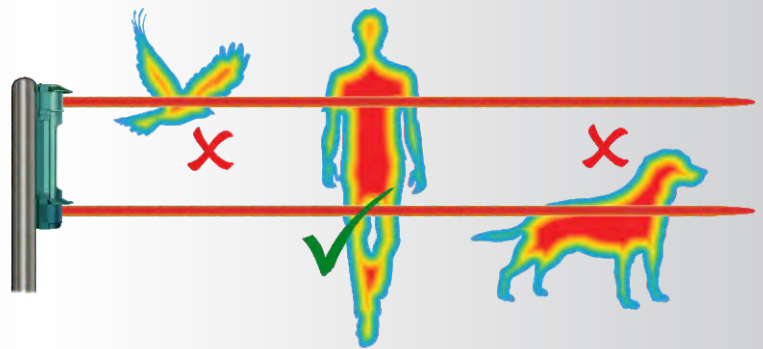


Roboguard interfaces easily to most alarm panels

Benefits

- Roboguard uses state-of-the-art equipment and technology.
- The entire system is wireless and simple to install and move.
- The HQ monitors for tampering with the sensors, as well as battery levels.
- The HQ can be connected to a siren or to any existing alarm panel and can be armed/disarmed by remote control.
- The Roboguard Sensor is weather proof, tamper proof, robust and impervious to lightning and ultra-violet light damage.
- The Roboguard Sensor can be positioned up to 400 meters from the HQ (and up to 800 meters with a booster).
- The Roboguard will detect movement up to 20 meters away and has a detection arc of 110°.

Forewarned is forearmed!



Dual beams eliminate false alarms

WHY ROBOGUARD?

Wireless security provides mobility

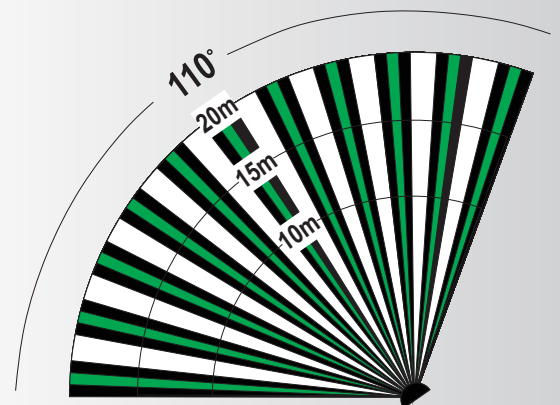
No trenching

No ugly wiring

**as well as Security Surveillance 24 hours a day,
7 days a week, 52 weeks a year.**

Applications include

- Houses
- Driveways
- Carports
- Gardens
- Pools
- Caravans
- Game spotting
- Building sites
- Store rooms
- Warehouses
- Factories
- Farms
- Stables



Fanned beams ranged over a wide area

WIRELESS OUTDOOR EARLY WARNING SYSTEM

BRANCH DETAILS

Bethlehem

Shop 8 & 9, River Walk Centre
4 Muller Street
Tel: 058 050 1090

Durban North

Unit B
213 Kenneth Kaunda Road
Tel: 031 563 0274

Kimberley

27A Schmidtsdrift Road
Rhodesdene
Tel: 053 861 5631

North Rand (Kya Sand)

174 Bernie Street
Kya Sand, Randburg
Tel: 011 708 6442

Polokwane

9 Suez Street
Nirvana
Tel: 015 292 6273

Rustenburg

Shop 8, Waterfall Mall
1 Howick Avenue
Tel: 014 537 2884

Uppington

67 Schroeder Street
Tel: 054 332 1458

West Rand (Roodepoort)

599 Ontdekkers Road
Florida, Roodepoort
Tel: 011 472 8823

Bloemfontein

18 Kolbe Lane
Oranjesig
Tel: 051 448 6695

East Rand (Jet Park)

219 Jet Park Road
Aerostar Business Park
Tel: 011 397 3507

Klerksdorp

72 Central Avenue
Flamwood
Tel: 018 468 8273

Paarl

Shop 2, Huguenot Park
Cnr. Klein Drakenstein Road
Tel: 021 862 0886

Port Elizabeth

No 35 Third Avenue
Newton Park
Tel: 041 365 7178/9

Somerset West

Shop 1, Broadway Centre
11 Urtel Crescent
Tel: 021 851 1978

Vanderbijlpark

Manufacturing
18 Fairbank Street
Tel: 082 783 8449

Cape Town

Unit 15, Viking Business Park
7B Park Road, Epping Industria
Tel: 021 534 5056

East London

Shop 8 & 9, Paphos Park
9 Devereaux Avenue
Tel: 043 726 6652/60

Mozambique

Estr. Nacional 2, Entrada 238
Armazen 7, Matola A
Tel: +258 85 680 8475

Pietermaritzburg

51 Winston Road
Tel: 033 342 6722/27

Potchefstroom

Havenga Building
35 Dr. James Moroka Avenue
Tel: 018 297 1488

Southern Suburbs (Cape Town)

Shop 2, Tramways Village
89 Main Road, Diep River
Tel: 010 880 8281

Vanderbijlpark

5 Prime Business Park
6 Rabie Street
Tel: 016 931 0408

Centurion

74 Cantonments Road
Cnr. Botha Ave, Lyttelton
Tel: 012 880 0222

George

Shop 3
57 York Road
Tel: 044 874 0669

Nelspruit

Unit 4, 20 Rapid Street
Riverside Industrial Park
Tel: 013 752 7152

Pinetown

Unit 1, Suffert Industria Park
7 Suffert Street
Tel: 031 702 6351

Pretoria

1185 Steve Biko Road
Wonderboom South
Tel: 012 335 4290

Stafix Training Centre

80 Herman Road
Harmelia, Ext.2
Tel: 011 397 3507

Vryheid

Unit F, 153 President Street
Cnr. Hlobane Street
Tel: 034 981 0318