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STAFIX™
SECURITY CENTRES
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WIRELESS OUTDOOR EARLY WARNING SYSTEM



**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.

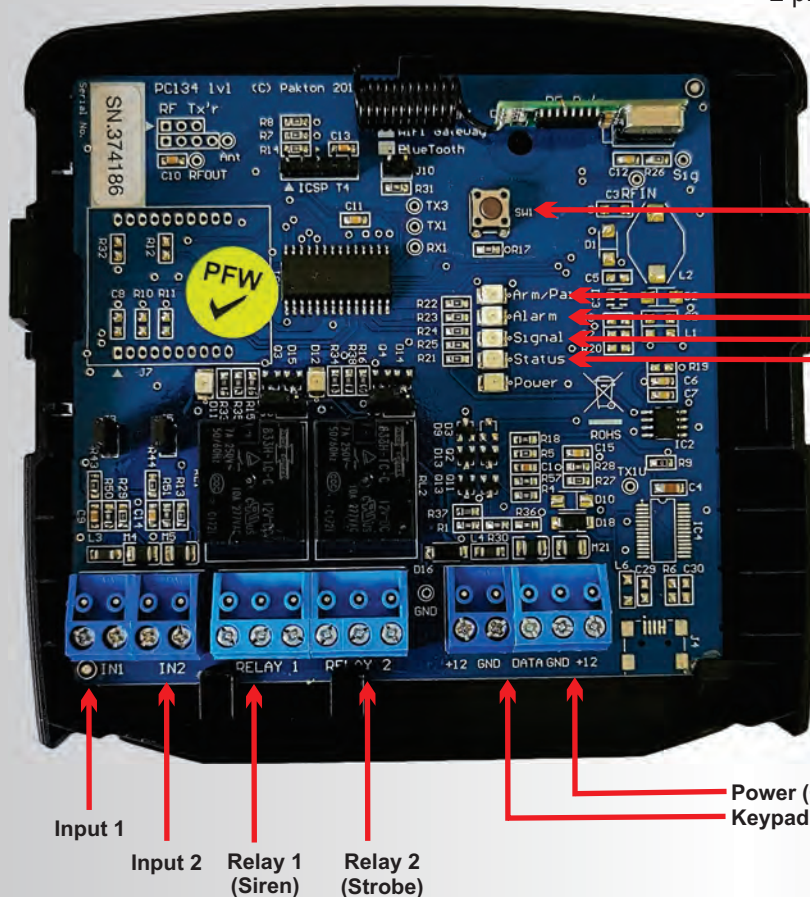


JVA RFI INTERFACE MODULE

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

Pairing Button

LEDs

Armed/Pairing

Alarm

RF Signal

Status LED



Siren



Strobe



JVA 4-Line Keypad

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

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.



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.



Camouflaged guard

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.

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

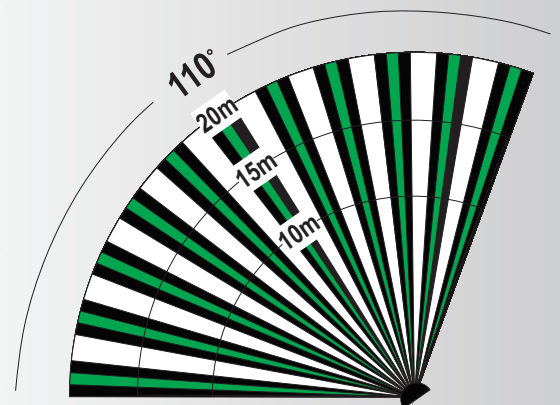
No trenching

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

CONTACT US

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	Johannesburg South	12 Dante Street, Alberton	010 157 1161
	Johannesburg West	599 Ontdekkers Road, Florida, Roodepoort	011 472 8823
	Centurion	74 Cantonments Road, Cnr. Botha Ave, Lyttelton	012 880 0222
	Pretoria	1185 Steve Biko Road, Wonderboom South	012 335 4290
	Vanderbijlpark	4 Prime Business Park, 6 Rabie Street	016 931 0408
	Johannesburg Training Centre	80 Herman Road, Harmelia, Ext. 2	011 397 3507
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	Newcastle	12A Harding Street	034 880 0330
	Pietermaritzburg	51 Winston Road	033 342 6722
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	Vryheid	Unit F, 153 President Street, Cnr Hlobane Street	034 981 0318
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	Cape Town (Diep River)	Shop 2, Tramways Village, 89 Main Road	010 880 8281
	Cape Town (Brackenfell)	Unit 17B, Brackenfell Business Park, Old Paarl Road	021 879 1978
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	Port Elizabeth	No 35 Third Avenue, Newton Park	041 365 7178
MPUMALANGA BRANCHES	Nelspruit	Unit 4, 20 Rapid Street, Riverside Industrial Park	013 752 7152
	Ermelo	22 Kerk Street	017 880 0888
FREE STATE BRANCHES	Bloemfontein	18 Kolbe Lane, Oranjesig	051 448 6695
	Bethlehem	Shop 8 & 9, River Walk Centre, 4 Muller Street	058 050 1090
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