

LED *Sensormat*

Introducing a new kind of motion detector

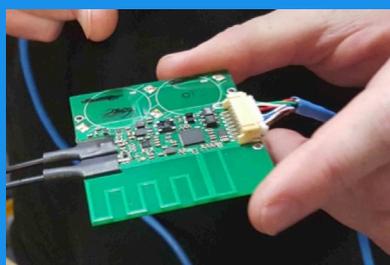
After several years of solid research and development, Canberra-based firm Perimeter Security Industries (PSI) is proud to launch its innovative *LED Sensormat™* brand of products.

The *LED Sensormat™* is a new type of motion detector that uses light to detect, measure and analyse people movements. It is in the form of a sensor mat that can be placed strategically on the floor of a facility to detect and analyse footsteps and trigger alarms through an alarm panel whenever anybody moves on the mat.

Smart algorithms in the firmware ignore events such as falling objects, insects, small animals and environmental factors such as wind and rain that can so often trigger false alarms in other types of security technology.

What exactly is it?

The *LED Sensormat™* is a sensor mat containing an invisible length of plastic optical fibre that sends light from an LED to a microprocessor embedded inside the mat. The microprocessor senses any changes in the light flow and determines whether or not the changes are being made by a person. If so, the mat sends an



alarm signal to the alarm panel it is connected to. If not, it ignores it.

The electronics module embedded inside the mat is only about the size of a postage stamp. It can be configured as 'normally open' or 'normally closed' and it connects to any standard alarm panel by security cable or wireless transmission.

The mat is made of heavy-duty, hardwearing, slip-resistant PVC, making it suited to industrial and commercial premises.

Power

Power is 9V-12V 150mA, requiring a DC power supply, normally from a security panel. If not available, a standard 240V plug-pack-style power supply may be used. The product can accept input power from 5 to 24 V DC and draws no more than 1W of power.

Keeping factories & warehouses safe

The first two *LED Sensormat™* products to go on sale are the **High Alert Sensor Mat** and the **Safety Alert Sensor Mat** for factories and warehouses, designed to:

- ✓ protect property and assets from theft and vandalism
- ✓ safeguard workers from accident and injury
- ✓ restrict access to secure areas.



Goodbye to false alarms

The beauty of the *LED Sensormat™* is that it is only triggered by people movements. The unique combination of reliable detection of intruders, with no false alarms, at an affordable price, is completely new to the market.

Other competitive advantages of the *LED Sensormat™* are that it:

- ✓ is robust and easy to install
- ✓ can be easily lifted and moved around inside buildings

- ✓ works with other security technologies
- ✓ is safe to operate, with low voltage power requirements and no dangerous parts
- ✓ comes with a one-year warranty and money-back guarantee.

Buy now!

You can buy your *LED Sensormat™* product using the order form in one of the accompanying leaflets.



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Alarm panel connection

The product works through a security alarm panel and can be



connected by security cable or wireless transmission together with other security

technologies such as closed circuit television (CCTV), microwave or passive infrared (PIR) beams.

Installer guidelines

Installation of the *LED Sensormat™* needs to be done by a qualified security product installer in accordance with PSI's installation guidelines available at

www.sensormat.com.au.

Quality guaranteed



The PSI management system meets ISO 9001, the Australian and New Zealand standard for quality management.

Industry partners

PSI has developed the *LED Sensormat™* with assistance from firms like Southern Cross Protection, Group 1 Security and General Mat Company and is now seeking distributors who can sell the product to factory and warehouse customers across Australia. Please contact PSI CEO Ian Bergman (see left) if you're interested in grasping this great opportunity.