



OWNERS GUIDE

TermiSensor



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INTRODUCTION

Overview

This Owners Guide provides an insight into how the Pesense TermiSensor system operates.

- What a TermiSensor does daily to protect your home or assets.
- Why TermiSensors are installed by accredited Installers
- How to care for your system

TermiSensor is installed by accredited Pest Management providers.

If you are looking for an accredited Installer, please contact us through www.pesense.com.au

Who is Pesense?

Pesense is an Australian company, focused on producing pest detection products. Pesense uses unique sensor technologies while remotely monitoring and reporting on sensors using the internet. Protection is 365 days a year 24-hours a day whether the pest be rodents, termites or some other asset or business-damaging pest.

Pesense is your 24/7 security guard against such pests.

What is TermiSensor?

TermiSensor is a patented Termite Sensor which works in conjunction with a termite bait or monitoring station.

The TermiSensor reports many times a day via the internet. The status of your TermiSensor is remotely monitored and an alteration of the status is reported alerting the Pest Management provider to any positive Termite activity. Within days after detection the Pest Management Company will commence treatment, optimizing the effectiveness of any termite treatment destroying the offending colony quickly and effectively.

TermiSensor is always at work, constantly monitoring and delivering an environmentally responsible solution to guard your property.

1. TERMS EXPLAINED

Monitoring Station – A unit placed in or on the ground containing cellulose based material e.g. wood or cardboard acting as an attractant for foraging termites.

Bait Station – Same as above.

Concrete Cap – A core hole is drilled (80~82mm) penetrating a paved area down to soil level. The hole is covered using a Pesense “Concrete Cap” fitted with an integrated TermiSensor.

Active Ingredient – Termite treatment can take different forms. The “active Ingredient” in the termite treatment is often a proprietary formulation. Your Pest Manager will have a preferred affiliation and termite treatment protocol.

Remote Monitoring – the ability to see information or a sensor status without being at the location of the sensor. TermiSensor sends each sensor status via the internet, to a remote computer or server. The remote server and data base runs software developed by Pesense to the Pest Management Company you’ve chosen.

2. HOW TERMISENSOR WORKS

The standard TermiSensor System consists of one Pesense Gateway and a number of TermiSensor modules dependent on the size and challenge to your property.

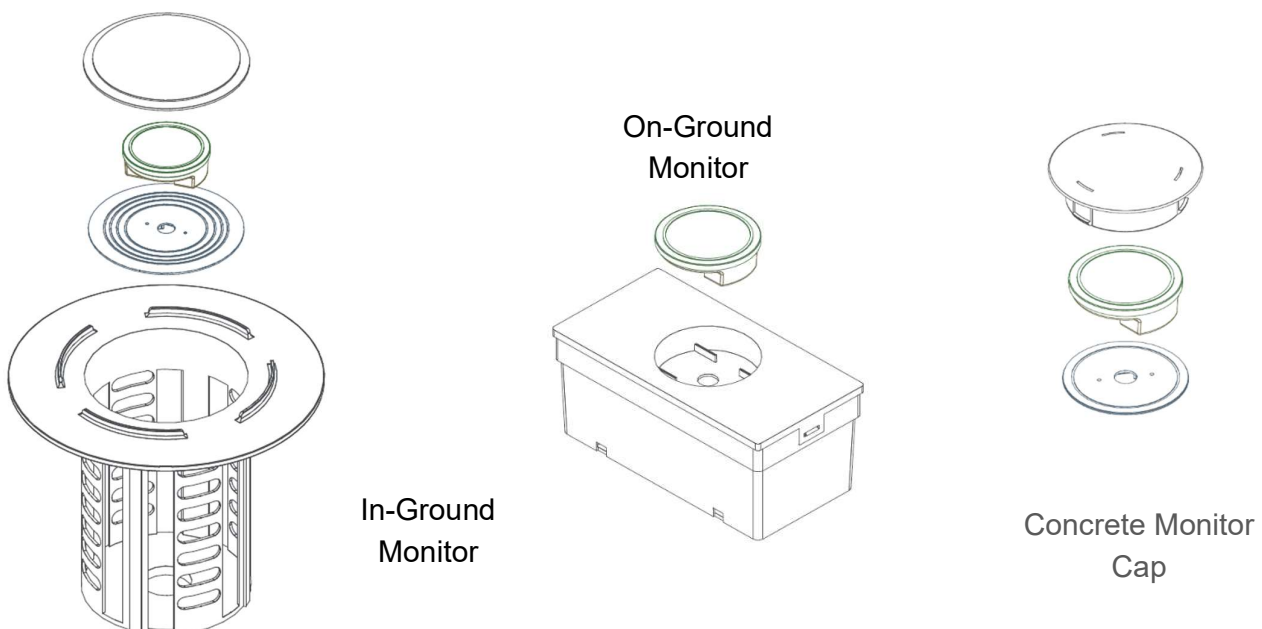
The TermiSensor is a Patented, battery powered sensor, which uses a wireless communications system (LoRa) to transmit its status to a Pesense Gateway. The Gateway provides connectivity to the internet to transfer the data from the TermiSensor to the Pesense cloud-based management system.

The TermiSensor modules are designed to be mounted in termite Monitors. There are three common types:

1. In Ground Monitors
2. On Ground Monitors
3. Concrete Monitors Caps

Any combination of these mounting methods may be used in any single installation. The Pesense accredited Pest Management Provider will determine the optimum TermiSensor locations and monitor styles.

Typically, termite monitors are included as part of the TermiSensor installation. If termite monitoring stations have been previously installed, Pesense offers a Patented adaptor system that enables TermiSensors to be mounted in most termite monitoring stations.



3. SYSTEM COMPONENTS

The TermiSensor System consists of:

- 1 x Power Supply Unit (PSU)
- 1 x Gateway / Base Station
- 1 x Network Cable
- TermiSensors
- Batteries, supplied



4. ACREDITED INSTALLERS

We take your trust seriously.

The TermiSensor system is designed to defend your house or asset from termite attack.

TermiSensor acts as an early warning system enabling your pest management provider to efficiently and effectively, mitigate potential damage to your asset.

To achieve the most effective results, the system must be:

1. Strategically deployed (locating the TermiSensors in the most effective and appropriate locations).
2. Accurately registered and connected using the Pesense Application software. This ensures the monitoring of the system starts seamlessly.
3. Professionally serviced with disciplined procedures to ensure the system's effectiveness is maintained.

5. CARING FOR THE SYSTEM

Caring for the TermiSensor system is straight forward.

There is nothing to do once the system has been installed, however:

- Avoid interfering with the termite monitoring stations
- Do not remove lids, covers or caps
- Do not remove or move TermiSensors

If a TermiSensor has been disturbed or damaged, which may happen from time to time, contact your Pest Management Provider for advice.

The TermiSensor logs and reports movement, temperature, signal strength and termite activity as part of its daily updates. This information allows technicians to readily understand the system status.

The owner will receive contact from their Pest Management Provider when services are scheduled. When the system detects termite activity, you will be advised of a pending visit from your Pest Management Provider to address the situation.

The Pesense Gateway must remain powered and always connected to the internet... “connect and forget”. The amount of Data used by the Gateway is very small and is typically equivalent to a single email each day.

NOTE!! It is very important not to disturb the termite monitors during the period between notification and the arrival of the Pest Management Provider. Any disturbance could impact the effectiveness of the treatment