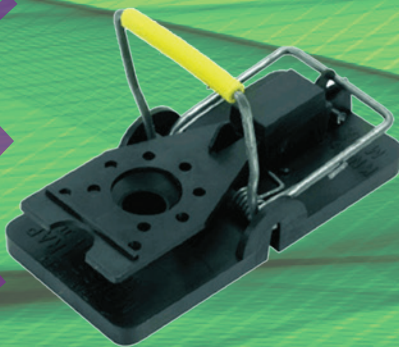




THE FUTURE // DIGITAL & SUSTAINABLE PEST CONTROL



**VIBRATION
DETECTION**

**MOTION
DETECTION**

**PREMIUM BACK
TO BASE RODENT
MONITORING
SYSTEM
INCL. ANALYTICS**



ENSYSTEX[®]

LEADING INNOVATION IN PEST MANAGEMENT

PERMANENT AND INTELLIGENT REMOTE MONITORING OF RODENTS

RODENTS

Rats and mice can find their way into almost any place, causing serious problems for businesses and human health.

It isn't feasible that any company can expect total protection from rodents, especially when there is traffic from both employees as well as goods coming and going regularly. Even if buildings are 100% sealed when constructed, over time there'll be tiny holes here and there where rodents can enter. They don't require a big opportunity to trespass.

The risks associated with rodent infestation pose not only a huge health risk, but also risk to reputation. The cost in downtime from business closure due to these unwanted vermin can be significant. The sooner the issue is detected, the sooner the solution can be executed.

RODENTHOR DIGITAL ensures that rodent evidence is detected sooner, rather than you having to wait until the next regular visit (e.g., perhaps a month later!). As an early warning systems RODENTHOR DIGITAL can potentially detect a rodent when it first enters the building, and notify you in real time. This can be invaluable to prevent breeding and population increases, leading to property damage and the spreading of viruses and bacteria.

Once installed, RODENTHOR DIGITAL can reduce service time, since your rodent Stations are already being monitored. This leaves more time for site analysis, recommendation management, and improvements to hazard analysis. In addition, Sensors can be placed in hard-to-reach places to make sure they are also monitored routinely (e.g., false ceilings, secured electricity rooms, cable runways, etc.)*.

** Expert reviews indicate more than 80 percent of all rodent Stations opened for visual inspection are in the same condition as the previous visit. With RODENTHOR DIGITAL, these routine checks can be avoided, and the time used for improving site analysis.*



RODENTHOR® DIGITAL, THE DIGITAL, SUSTAINABLE REVOLUTION

Change from manual inspections to automatic, more efficient, greener inspections.

With a goal towards advancing food security and more sustainable pest management practices, RODENTHOR® DIGITAL is powered by the internationally acclaimed GreenTrapOnline (GTO) system to provide intelligent, 24/7 monitoring of rodent activity.

RODENTHOR DIGITAL is constantly monitoring and notifying you of rodent activity and catches in real-time. This allows prompt action to be taken, speeding up root cause analysis, thus improving rodent control standards.

Digital solutions provide early warning of pest activity allowing for quick treatment to avoid risk of infestation, reduce the use of rodenticides, and reduce labour costs.



PERMANENT & INTELLIGENT REMOTE MONITORING OF RODENTS

- 🕒 24/7 - 365 automatic and permanent monitoring - not only catch
- 🕒 Early warning and opportunity for quick treatment
- 🕒 Avoid risks of infestation
- 🕒 Reduce the use of rodenticides
- 🕒 Immediate alarm in case of rodent activity from both mice and rats
- 🕒 Plug and play - easy to install and operate
- 🕒 Unique multi-sensor capabilities
- 🕒 Avoid frequent inspections of bait stations
- 🕒 Speed up root cause analysis
- 🕒 Monitor difficult to reach and high security areas
- 🕒 Less business disruption
- 🕒 Delivers documentation, Intelligent reporting, Data analysis and Improved audit readiness

WIDE INDUSTRY APPLICATIONS



FOOD MANUFACTURING

Precision data and reports prevent rodents from causing problems.

HACCP puts the focus on preventing food safety issues. RODENTHOR DIGITAL provides you with essential early warnings, together with detailed data for root cause analysis allowing you to take appropriate corrective action.

RODENTHOR DIGITAL takes HACCP to the next level with Real-time Critical Control Point monitoring.

WAREHOUSING

Lots of entry points, shipments arriving daily. Monitoring a large warehouse is always a challenge. RODENTHOR DIGITAL allows immediate identification of pest activity.

HOSPITALITY

Monitor your food outlets 24/7 to protect your reputation.

RETAIL FOOD OUTLETS / MOTELS

Lots of food and harbourage make food outlets a prime pest target causing concerns for food-borne disease. RODENTHOR DIGITAL monitors 24-hours a day, So you can detect pests before they become a problem.

PHARMACEUTICALS/ MANUFACTURING

The pharmaceutical industry plays a significant role in defining human health and is subject to strict governance and regulations.

The use of RODENTHOR DIGITAL allows for 24/7 monitoring and full compliance with required IPM strategies. Internet connectivity allows documentation of pest activity and immediate actions to be taken once activity is detected.

SOPHISTICATED DATA SECURITY

GTO is a wireless solution built on LoRa (long range private network). The GT Sensors communicate to the GT Gateway, that in turn connects the system to the internet. The GT Gateway can run any number of Sensors. LoRa transmission means the highest level of data security.

The GT Gateway connects over the 4G network, ensuring coverage throughout urban and rural areas of Australia. Data security is paramount* and Microsoft Azure software delivers the highest levels of data encryption and security. When installing the system, your professional pest manager will code your site with a CRM code to ensure no third party will have any knowledge of your site details or location.

- 📶 Microsoft Azure is used to provide high security to ISO 27001
- 📶 GSM communication for high data security on transmission
- 📶 LoRa private network communication on site
- 📶 No geolocation data

* Security is something we take very seriously. We run vulnerability tests on a weekly basis. We even paid an independent cyber security company to try and hack our service! They agreed our data security was very secure. We believe we are best in class when it comes to security.

Moreover, since we recommend your data is associated with a CRM code only, your company name and site location need never be entered into the system, ensuring only you and your professional pest manager know what is going on.





IT'S AS SIMPLE AS 1, 2, 3, 4

RODENTHOR DIGITAL, delivers complete end to end pest management for rodents.

1 MONITOR & DETECT

The multi- sensor system can detect rodent movements, as well as detecting snap trap releases. Rats are very shy animals that explore areas very slowly. Historic data from millions of detections show that, on average, the system detects rodent activity 9 days before rodent entrapment.

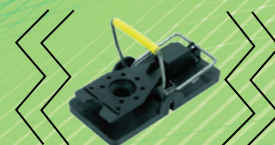
RODENTHOR DIGITAL can be used with toxic bait placements, monitor block placements or break-back rodent traps. It will instantly confirm rodent activity or report if a GT Sensor is not working. When using break-back traps, it reports whether the trap has fired and caught a rodent, or if it has misfired and the rodent has escaped, allowing the trap to be promptly reset.

RODENTHOR DIGITAL Sensors are usually used with Rodent Stations, but they can also be used outside of the Stations to detect motion in difficult to access areas. Stations can be placed internally or outdoors.

MOTION DETECTION



VIBRATION DETECTION



2 SEND & NOTIFY

When the sensor detects rodent activity and/or a snap trap release, it sends an email notification immediately so appropriate action can be taken.



3 DOCUMENT & REPORT

All rodent activity is stored on a secure web portal, documented and analyzed. This gives you an opportunity to proactively improve your pest strategy. The alarm advises the time and Station number of the activity. It also provides digital reporting and data analytics to give improved audit readiness.

Station	Activity	Time	Location	Details	Action
001	Activity	10:30	Station 001	Test set-up at 0710 02 (Station 001)	Service
002	Activity	11:00	Station 002	Test set-up at 0710 02 (Station 002)	Service
003	Activity	11:30	Station 003	Test set-up at 0710 02 (Station 003)	Service
004	Activity	12:00	Station 004	Test set-up at 0710 02 (Station 004)	Service
005	Activity	12:30	Station 005	Test set-up at 0710 02 (Station 005)	Service
006	Activity	13:00	Station 006	Test set-up at 0710 02 (Station 006)	Service
007	Activity	13:30	Station 007	Test set-up at 0710 02 (Station 007)	Service
008	Activity	14:00	Station 008	Test set-up at 0710 02 (Station 008)	Service
009	Activity	14:30	Station 009	Test set-up at 0710 02 (Station 009)	Service
010	Activity	15:00	Station 010	Test set-up at 0710 02 (Station 010)	Service

4 TREAT

RODENTHOR DIGITAL has plug-and-play simplicity, easy set-up, and great flexibility. The GT Sensors can detect motion only, vibration only, or both. This allows for use with traps, or without traps, e.g., in run-through Stations or Stations that hold bait, whether it be a toxic bait or a monitor bait, in any Station type you prefer. It also allows your professional pest manager to tailor your system to your specific needs. E.g., if a Station is set in a high daytime traffic area, the sensitivity of the Sensors can be adjusted to prevent false alarms.

Sensors can be placed indoors or outside, and around any facility. Few other systems offer this flexibility in a proven package that has been in the European market since 2005.

Since the GT Sensors are independent of the traps and bait Stations they can be used in a stand alone manner, e.g., in banks and data centres, where they can be set to monitor cable trays.

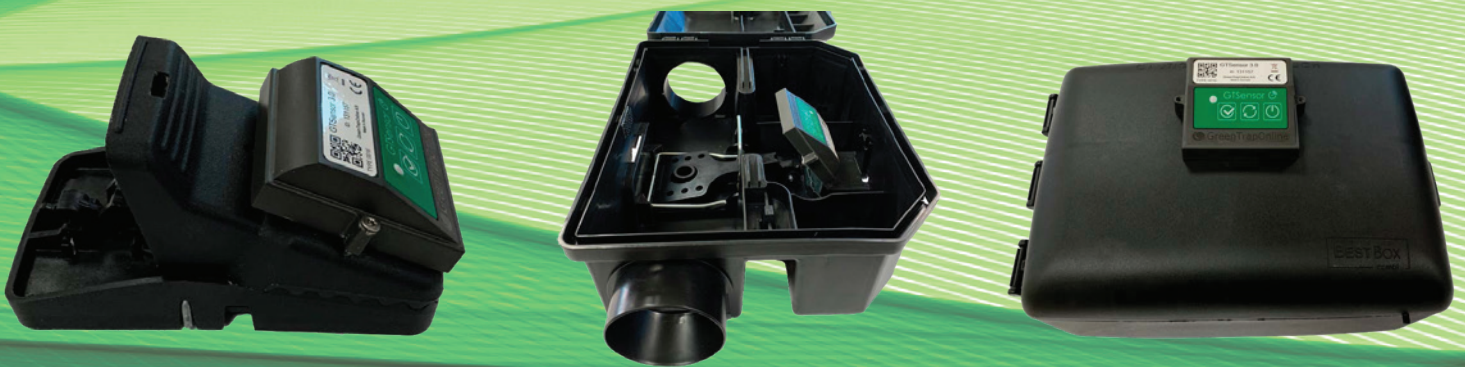
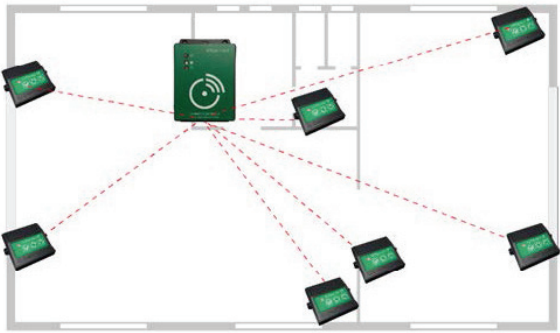


MOST VERSATILE SENSOR ON THE MARKET

Your professional pest manager can monitor your system from anywhere!

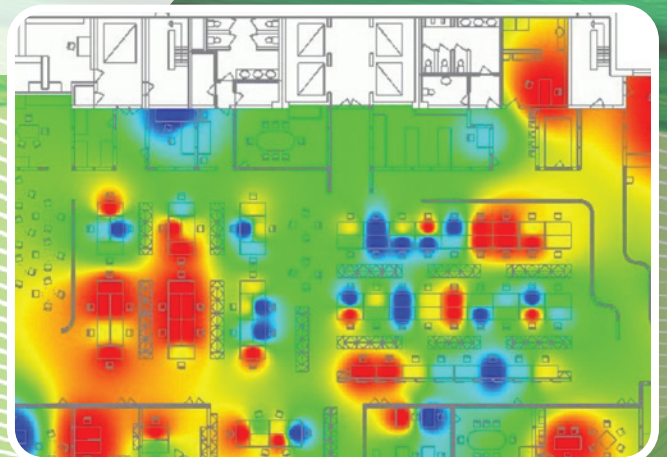
RODENTHOR DIGITAL is a wireless solution built on LoRa (long range private network) communication from the GT Sensors to the GT Connect Gateway which connects the system to the internet. The GT Gateway can run any number of GT Sensors. LoRa transmission data security is high and energy consumption is low. The latter is reflected in the Sensor batteries lasting up to seven years, after which they are replaceable, ensuring longevity of use.

The GT Gateway connects over the 4G network, ensuring coverage throughout urban Australia and high data security. Microsoft Azure software further ensures data security. Your professional pest manager will quickly and securely install the system on site themselves.



USE DATA TO INTELLIGENTLY IMPROVE YOUR PEST STRATEGY

RODENTHOR DIGITAL Heat Maps lead to focused building inspections, adding more monitoring in areas with high activity, adding security at entrances and maybe even changing employee behaviour and working procedures.



THE SUSTAINABLE SOLUTION

RODENTHOR DIGITAL offers a sustainable, technology based solution for all your pest control requirements.

- 📶 Make the move away from manual monitoring, along with many other industries, and move to automatic, non-toxic and more efficient inspections with RODENTHOR DIGITAL.
- 📶 Save time and money and make your organisation more environmentally friendly with a monitoring system which saves travelling to check bait stations, saves baits from being wasted and so many more environmental benefits.
- 📶 Can be used as a 100% non-toxic green pest control solution.
- 📶 Digital solutions allow professional pest managers to receive an early warning of pest activity and provide quick treatment to avoid risks of infestation, reduce the use of rodenticides, and reduce labour costs.
- 📶 LoRa transmission means energy consumption is low, which is reflected in the Sensor batteries lasting for seven years, after which they are replaceable, ensuring longevity of use.
- 📶 RODENTHOR DIGITAL has plug-and-play simplicity, easy set-up, and great flexibility. The GT Sensor can detect motion, vibration, or both. This allows for use with traps, or without traps, e.g., in run-through Stations or Stations that hold bait, whether it be a toxic bait or a monitor bait, in any Station type you prefer.



**MONITORS... so your premises
are constantly protected**



TECHNICAL SPECIFICATIONS



GT SENSOR

- ✓ ABS plastic
- ✓ 60 x 64 x 22 mm
- ✓ 57 g
- ✓ LoRa: 433 mHz
- ✓ Replaceable 3.6 V Lithium AA
- ✓ Battery life up to 7 years
- ✓ External antenna
- ✓ Temperature: -20 to +85 °C



GTO GATEWAY

- ✓ ABS plastic
- ✓ 146.31 x 95.91 x 38 mm
- ✓ 163 g
- ✓ 4G External Communication
- ✓ LoRa: 433 mHz to Sensor
- ✓ USB for internal modem (included), and LAN for internet
- ✓ 100 - 240 V AC power adapter
- ✓ External antenna
- ✓ Temperature: -20 to +85 °C