



Trap Sensor Zigbee

Product Overview

The **Bastet Zigbee Rodent Trap Sensor (Model TSSFST01-ZB01)** is a critical device for modernizing pest management by providing real-time status updates on traditional traps. Designed for external attachment to various trap types, it instantly reports activation status (e.g., sprung, captured) to the central Bastet Gateway via the robust Zigbee network.

This battery-operated sensor eliminates the need for manual trap checks, enabling highly efficient, data-driven deployment and maintenance of the pest control infrastructure.

Key Features

- **Real-Time Status:** Provides immediate notification upon trap activation, confirming captures or indicating a maintenance need.
- **Universal Application:** External design allows easy integration with a wide variety of existing rodent traps (e.g., snap traps, catch-and-release cages).
- **High Reliability:** Utilizes the Zigbee protocol for secure, low-power mesh networking, ensuring strong connectivity even in challenging environments.
- **Extended Battery Life:** Powered by two standard AAA batteries, offering long operational periods and easy replacement.

Technical Specifications

Parameter	Specification
Product Name	Rodent Trap Status Sensor (ZB)
Model Code	TSSFST01-ZB01
Communication Protocol	Zigbee
Antenna	1× Built-in Internal Antenna
Dimensions	22mm (H) × 91mm (W) × 38mm (D)
Enclosure Material	White ABS (Acrylonitrile Butadiene Styrene)
Power Source	2× AAA Batteries
Operating Temperature	−10°C to 50°C
Certification	CE, RoHS
Warranty	12 Months