



TRAPSENSOR®

Data Sheet

TrapSensor TS3 Mouse

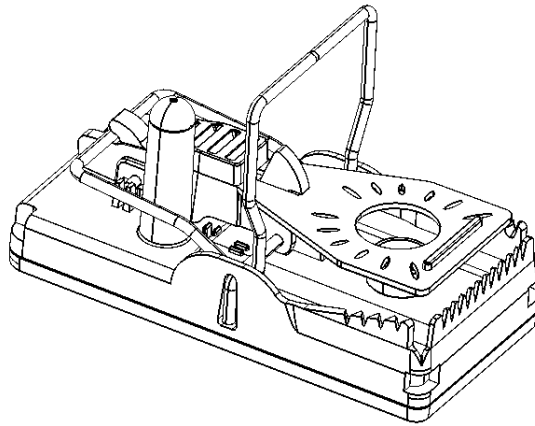
IoT mouse snap trap for efficient remote pest control management. Standard-sized mouse trap with effective kill bar, strong springs and teeth to keep a catch in place. Sensor that reports on 3 states (ready/no catch/catch). Immediate notification when the trap closes or in case of low battery or no connection.



General Information

| | |
|--------------|----------------------|
| Product name | TrapSensor TS3 Mouse |
| Manufacturer | Alert House ApS |

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Trap Hardware

| | |
|--|---|
| Operational area | Indoors and outdoors (in a bait station) |
| IP protection rating | IP67 (dust tight & waterproof up to 1m of submersion) |
| Temperature range | From -25° C to + 60° C (depending on battery charge) |
| Dimensions (L x W x H in mm) | 98 x 47 x 61 |
| Compatible with industry-standard rodent boxes | Yes |
| Indicators | Light (green/red LED) and sound buzzer |
| Cutouts for flanges | Front and back for certain standard bait stations |
| Color | Black |
| Finish | Frosted |
| Sensor type | Hall magnet sensor and reed switch |
| States monitored | <ul style="list-style-type: none"> • Trap loaded and activated |

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| | |
|---------------------------|---|
| | <ul style="list-style-type: none"> • Closed with catch • Closed with no catch |
| Global unique device ID | Serial number in Arabic numbers and bar code |
| Power supply | 3 x AAA Batteries |
| Batteries included | No |
| Expected battery lifetime | 3 years or more without changing or recharging Average under normal use with 1 week interval between heartbeat notifications |
| Materials | ABS/Polycarbonate Stainless steel Neodymium magnet (10x2 disc) |
| Certifications | CE |

Trap Connectivity

| | |
|----------------|---|
| LTE Cat NB-IoT | B1/B2/B3/B4/B5/B8/B12/B13/B17/ B18/B19/B20/B25/B26/B28 |
| LTE-Cat-M1 | Bands B1/B2/B3/B4/B5/B8/B12/B13/B17/ B18/B19/B20/B25/B26/B28/B39 |
| 2G fallback | 850/900/1800/1900MHz |
| SIM Card | Nano size SIM card |

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Backend integration

| Integration via MQTT or LWM2M | Will be developed upon request |
|-------------------------------|---|
| Data transmission | <ul style="list-style-type: none"> ● Heartbeat signal once a week ● Battery status ● Mobile parameters (signal strength/MNC/LAC/CID/access technology) ● Errors (battery low/no communication) ● Events (trap status) ● Instant data transmission on change of trap status or alarm ● Retransmission algorithm in case there is no network available |
| Remote Device Update | Yes |
| Device Configuration | MQTT will be developed upon request |
| Device Control | MQTT will be developed upon request |