

traptice® rodent LTE + PIR

Overview Requirements

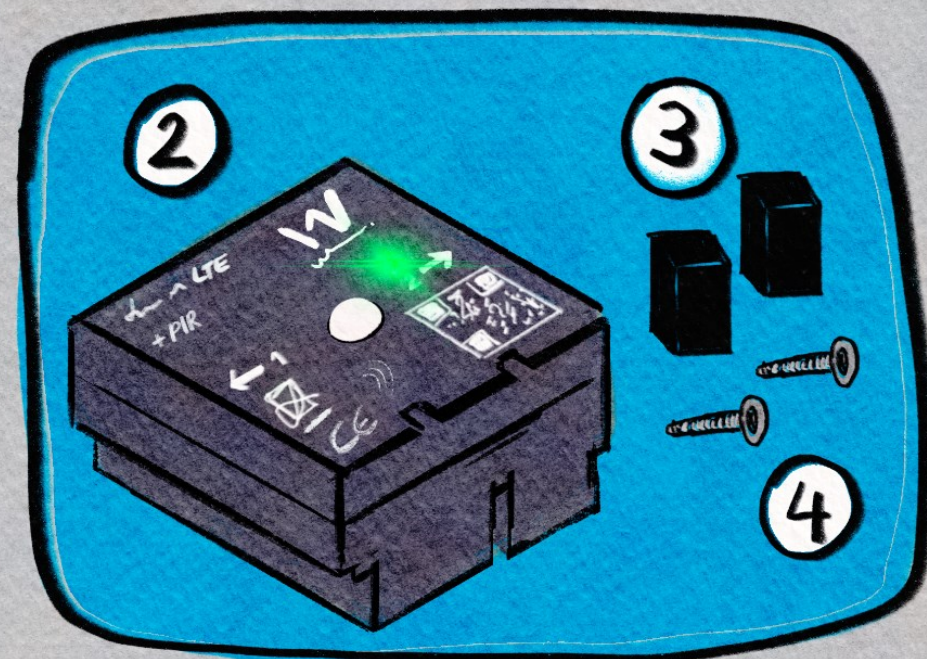
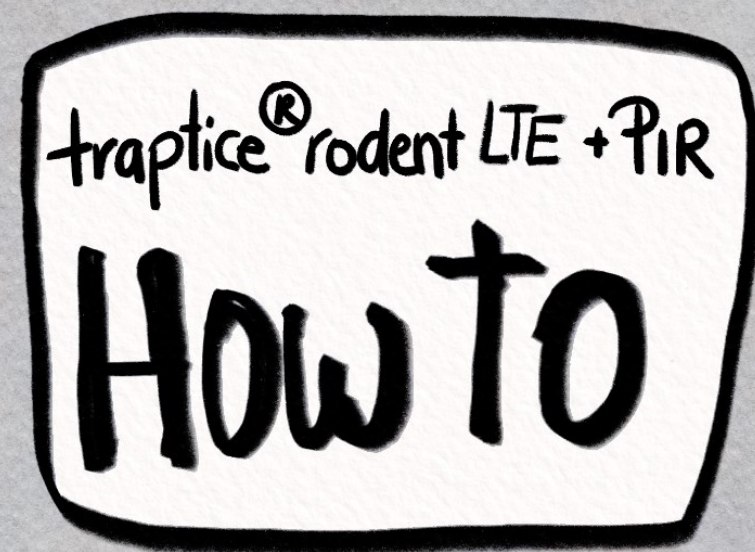
- Connection: LTE-Cat.M / LTE-Cat.NB-IoT
- App setup: with WAINS traptice® Companion App, setup via NFC Reader
- Location: protect from moisture, sunlight and vibrations
- Environment: max. 40 °C & max. temperature & 90 % humidity (non-condensing); protection rating: housing with IP66
- SIM card: factory-installed; own SIM possible before production start or available through us

In order for the traptice® rodent LTE + PIR sensors to be successfully deployed in your operation, the requirements listed below must be met. A stable LTE connection and the correct mounting location are the decisive success factors. Check the mobile network coverage at the intended location before installation.

Instructions / traptice® Service Desk:
<https://support.wains.info>

Included in delivery:

- traptice® rodent LTE + PIR
- Magnetic holders 2x
- Phillips screws 2x
- Keppower 14430 rechargeable battery 1x



#pimp your trap.



- 1 WAINS Cloud
- 2 traptice® rodent LTE + PIR
- 3 Magnetic holder
- 4 Phillips screws
- 5 traptice® Companion App

Quick Guide // traptice® rodent LTE + PIR



WAINS Cloud Login

<https://traptice.wains.info>

Access data will be sent by email.



Install App

IMPORTANT:
Allow location services. Turn on Bluetooth. NFC Reader is required for installation.

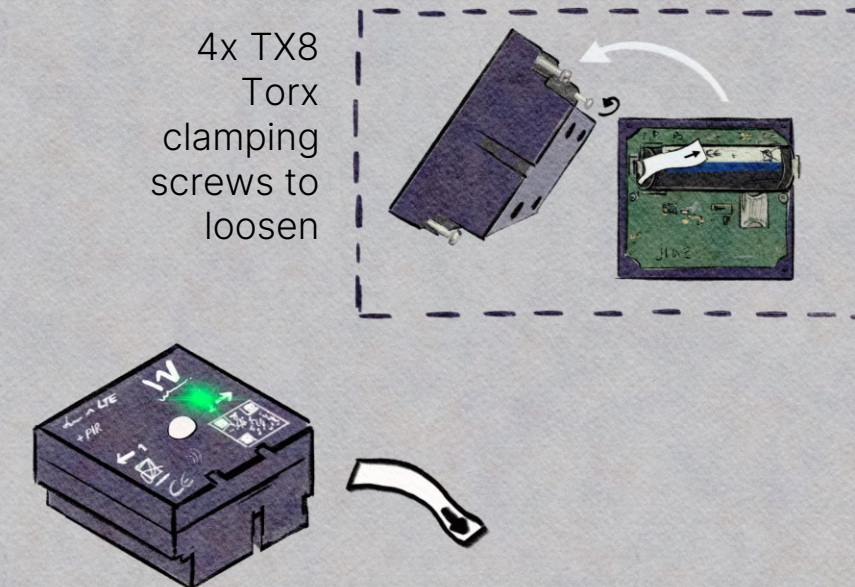
Scan me:



Instructions / traptice® Service Desk

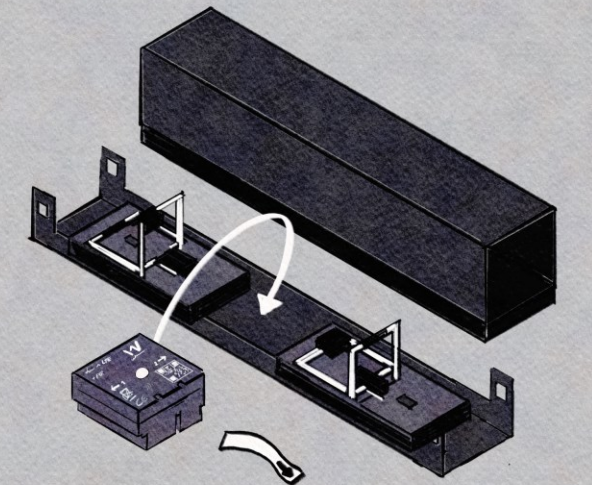
<https://support.wains.info>

4x TX8
Torx
clamping
screws to
loosen



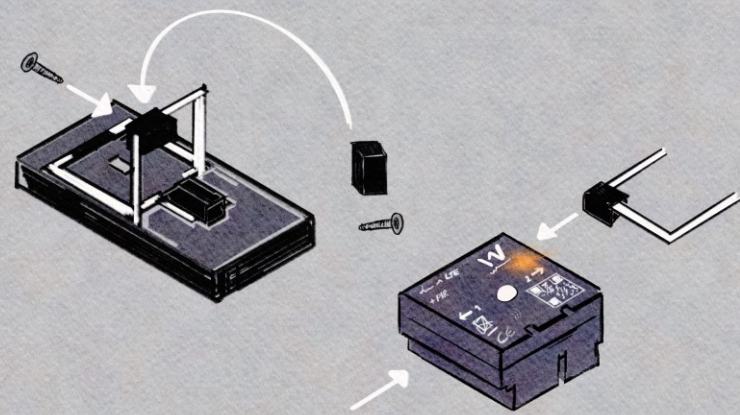
traptice® rodent LTE + PIR / turn me on

Remove the battery isolator: unscrew the housing, open it, and pull out the isolator. The device is ready to use.



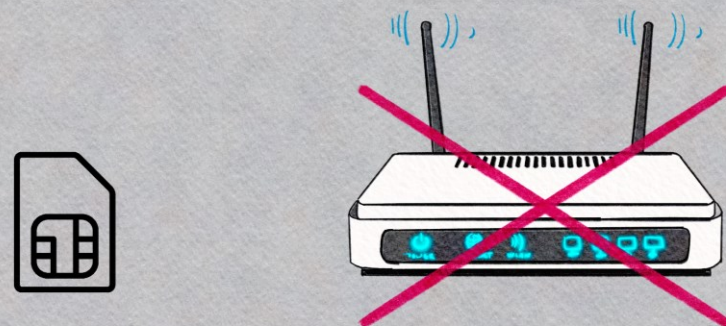
traptice® rodent LTE + PIR inserted

traptice® rodent LTE + PIR PIR insert into the desired bait station and fix it firmly.



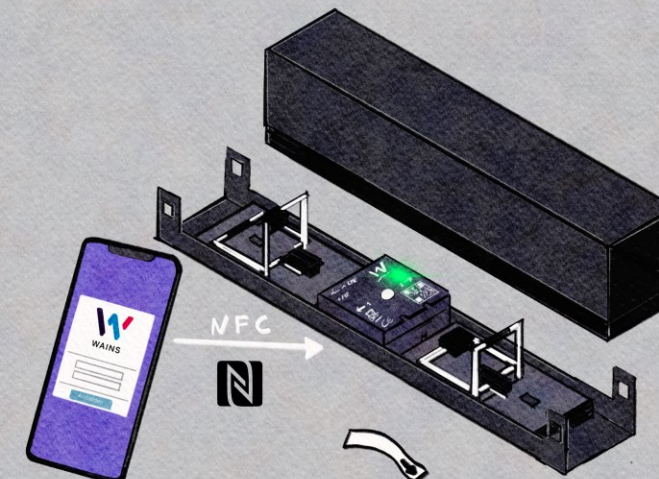
Magnetic holder snap trap

Screw the magnetic holders onto the snap traps — one on the right at the LED corner, the other on the left at the "CE" marking.



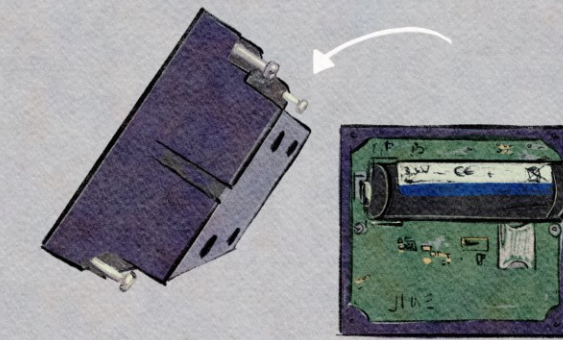
LTE Connection

No gateways required; SIM (LTE-Cat.M/NB-IoT) is factory-installed.



Provisioning via App

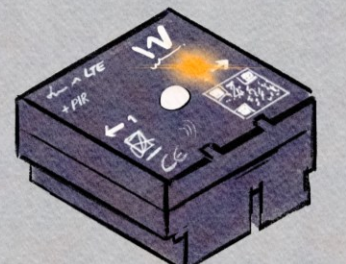
The connection to the traptice® rodent LTE + PIR is established via NFC reader in order to provision the device.



1x Keppower 14430
rechargeable battery

Battery Replacement Possible

Please follow the instructions for replacing the battery/rechargeable cell. Rechargeable 14430 lithium-ion battery.



LED Signals

You can find an overview of the LED signals in the traptice® Service Desk under "2 - Setting up a traptice® rodent LTE + PIR trap".

Mounting the Magnetic Holder



Attaching the Magnetic Holder to the Snap Bar

Important Notes Beforehand

- For mouse snap traps, the magnetic holders and the corresponding Phillips screws are already included in the scope of delivery.
- For rat snap traps, magnetic holders can be purchased separately.

Step-by-Step Installation

1. Preparation: The snap trap should not be set for installation. Position the snap trap in front of you so that the treadle plate faces you.
2. Position the magnetic holder: Klicken Sie den Magnethalter am nach oben stehendem Bügel an der rechten Kante ein.
3. Magnethalter befestigen: Clip the magnetic holder onto the upright bar at the right edge. Secure the magnetic holder: Screw the magnetic holder firmly to the bar using the supplied Phillips screw. Important: Do not overtighten the screw in order to avoid damage.
4. Final positioning in the tunnel: Place and set the snap traps in the tunnel. The magnetic holders should face the traptice® rodent transmitter module.
5. Done:: The magnetic holder is now correctly mounted and the sensor can reliably detect the triggering of the trap..

Top view after installation (see image left center)

With set snap traps: The magnetic holder is ideally positioned at the bottom left or top right.

Tips & Warnings

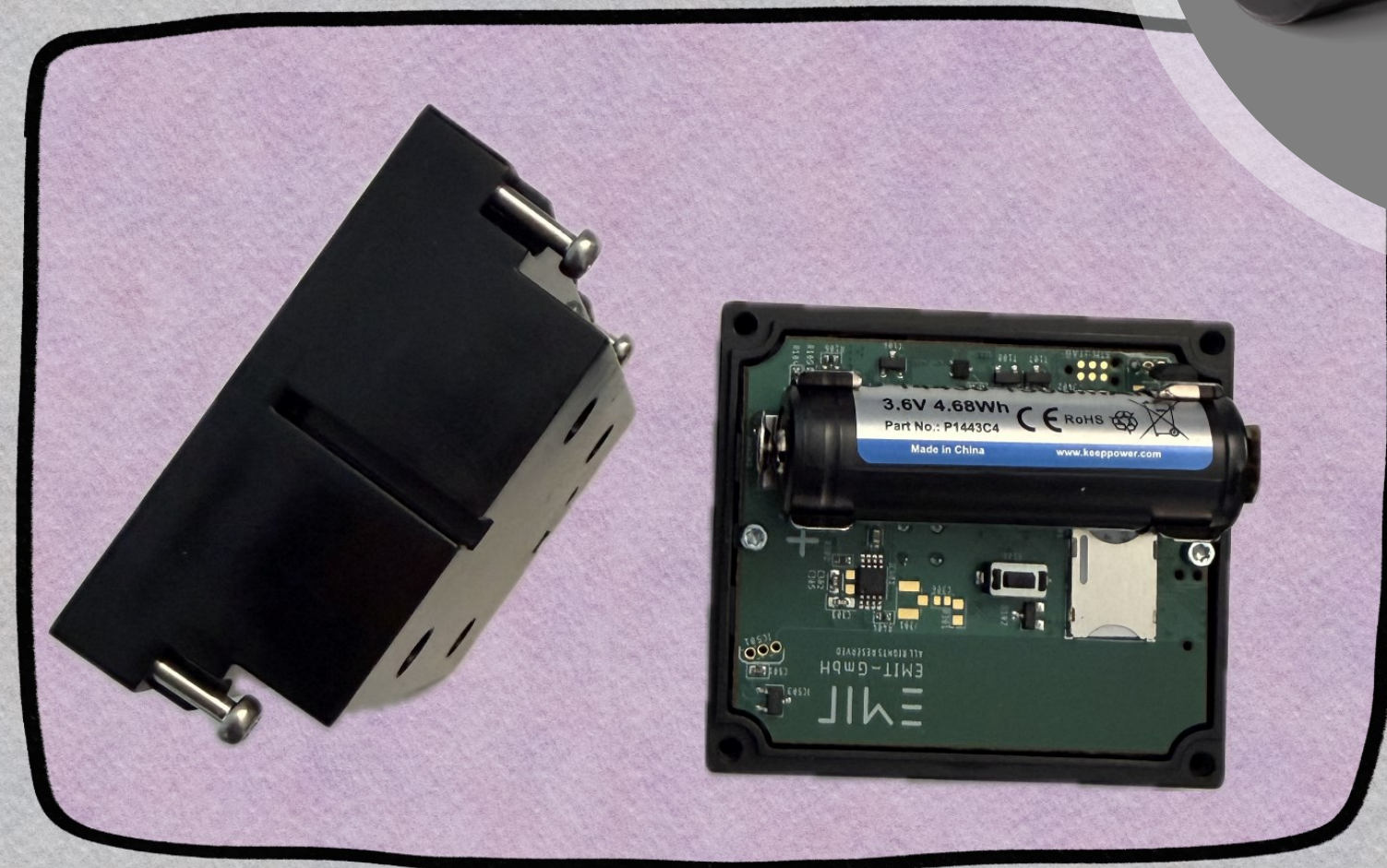
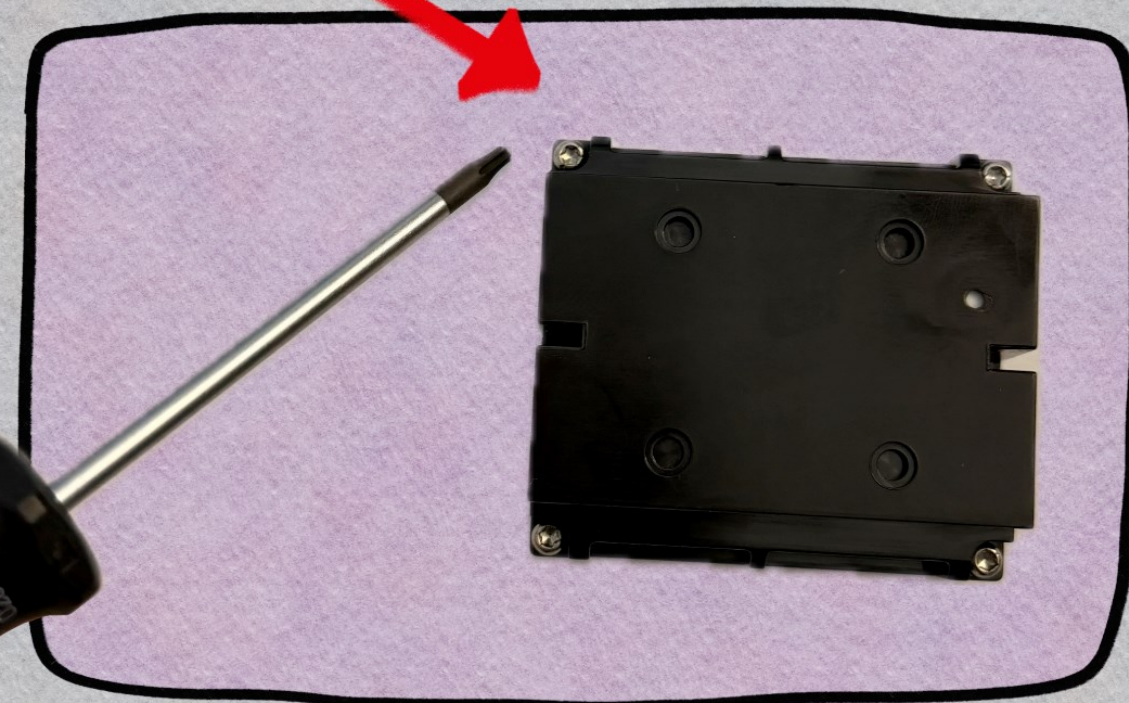
Ensure precise positioning so that the magnet interacts reliably with the transmitter module. Tighten the screw only hand-tight — too much pressure can damage the bar or the holder. After installation, check the correct distance and alignment to the transmitter module.

traptice® rodent LTE + PIR

Battery Replacement Instructions

battery change
How To

✓
4 x TX 8
Loosen Torx clamping
screws.



Please observe the handling instructions for battery replacement for the traptice® rodent LTE + PIR.

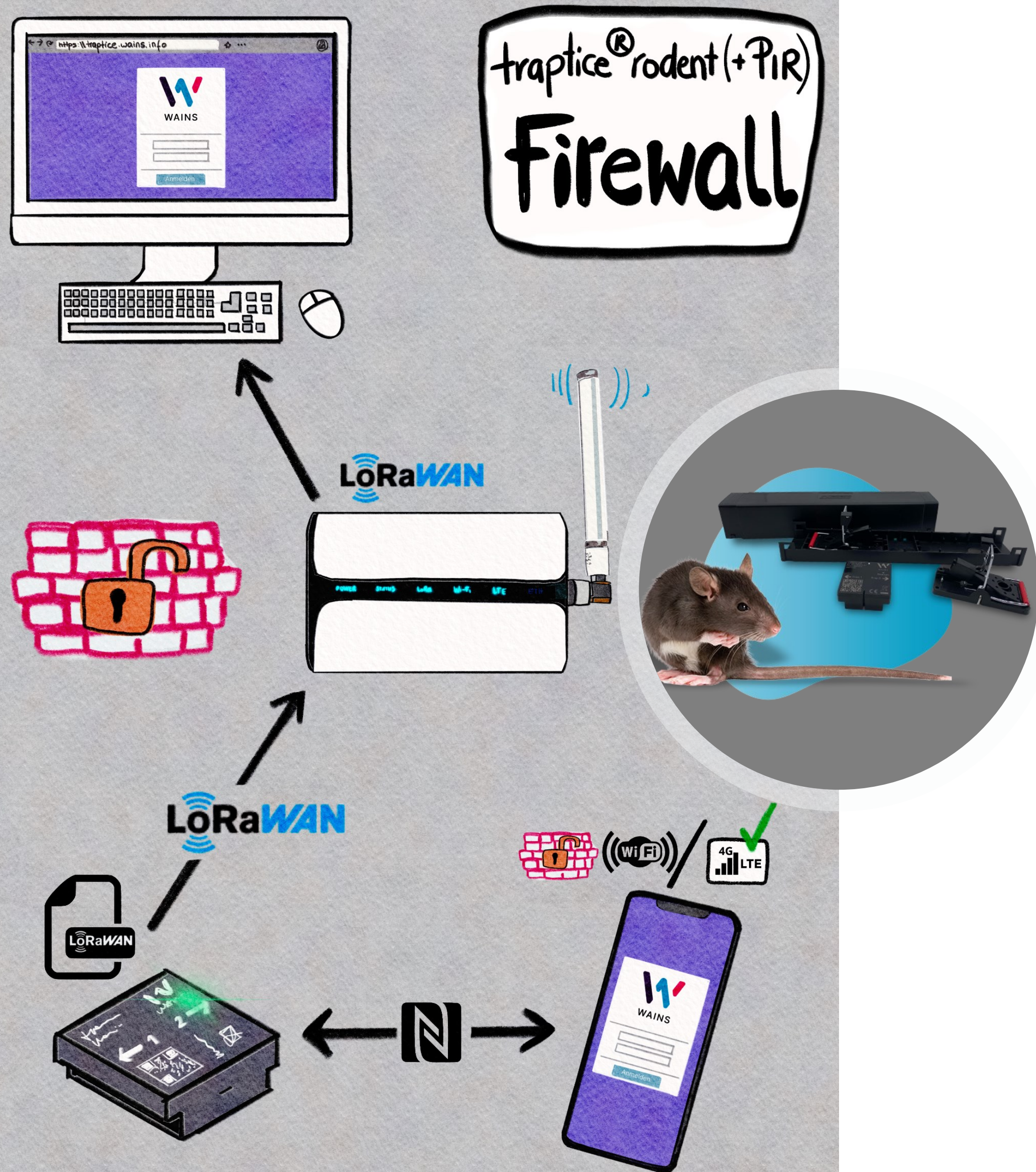
Work on electronic components and battery replacement may only be carried out in an ESD-protected environment and using appropriate protective measures.

Compatible battery:
Keppower 14430 battery P14430C4 (3.6–3.7 V, 1300 mAh)
Rechargeable 14430 lithium-ion battery.

Keppower 14430
1 x battery P14430C4



traptice® rodent (+ PIR)



traptice® rodent (+ PIR) requires the following ports:

Description	Domains / URLs	outbound	inbound
Access to server	wains.loriot.io	https - 443 – tcp	
	wains.loriot.io	lorawan - 1780 - udp	lorawan - 1780 - udp
Time server	The server is configurable via the gateway if a specific one is required.	ntp - 123 - udp	
Domain Name System	The server can be configured within the gateway if a specific one is required.	dns - 53 - udp	

The app requires the following ports for the production environment.

Description	Domains / URLs	outbound	inbound
Access to server	sp-traptice.wains.info	https - 443 - tcp	
	traptice.wains.info		
	We recommend: *.wains.info		