

Trash can control sensor TS V.1.01 _
Household waste management



garbage bin control sensor uses the LoraWan network to transmit messages and is designed for remote control removal of household waste.

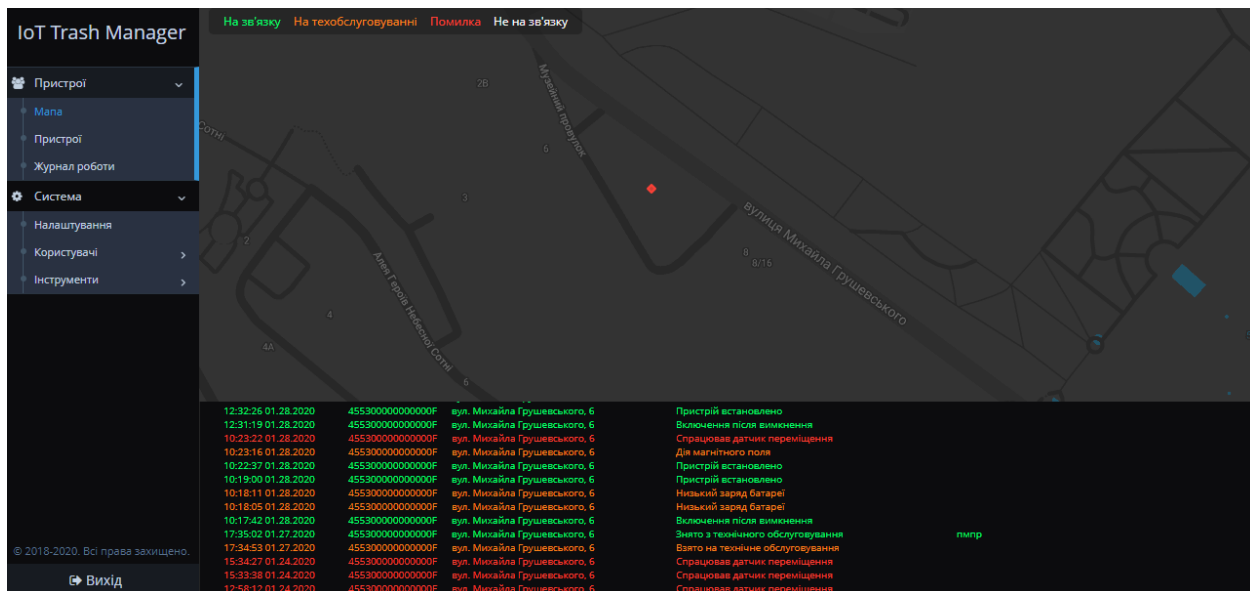
The sensor is mounted on the inside of the tank, on the upper border of the tank. The sensor transmits events:

- about the fullness of the tank,
- the moment of unloading the waste,
- alarm after a set period of time about a long period of non-refreshment of the waste tank.
- the sensor is equipped with a gps receiver, in case of significant changes in the coordinates of the location of the tank (100 meters), the sensor sends an alarm about the theft of the trash can.

The sensor board is protected by a sealed plastic case, which is equipped with a tamper sensor.

Options	Meaning
Operating frequency ranges	RU864-868 EU863-870 KZ865-868
Operating temperature range, °C	- 40...+85
Overall dimensions, mm	70x70x30
Weight, g	120
Degree of protection	IP67
Life time	At least 10 years
Battery operation	At least 6 years

Web interface



A convenient interface for monitoring the status of tanks, which allows you to display: online or not, the waste has not been removed for a long time, the tank is full, the case has been opened, the signal level, etc. On the map, you can display all tanks or in layers, depending on the events.

The solution allows to solve the problem of optimization and efficiency in the provision of household waste management services: proper planning of routes, control of the emptying of tanks, accounting for the location of the tanks.

When installing the sensor, it is enough to point the smartphone camera at the QR code of the sensor and the page with the current sensor signal level will be displayed in the browser, as well as an invitation to enter the sensor installation address. The sensor will automatically appear in the monitoring system.

IoT Manager

Идентификатор **4553000000000006**

Уровень сигнала **-110.0**

Город

Улица

Номер здания