

FT-L2 Locator

When all fails.



The FT-L2 is a device that uses proprietary technology based on encrypted radio communication. Its main advantage is that there is no need to use the GSM network for operation. The system consists of a search module with a ground station and a mobile module. The system is extremely mobile thanks to built-in battery power systems. The search module supports any number of mobile modules.

Contrary to other location systems, our solution is radio active only when the user wants it.

Ground Unit

It provides the user with control over the entire system, the omnidirectional antenna provides communication with mobile modules and the GPS receiver locates the module on the map. The ground station with a dedicated application allows you to control any number of ground modules and locate them, it also provides information about their charge level. The basic version contains a detailed map of the entire country, it is possible to upload a map of Europe or the whole world.



LOS range
up to 50 km

NLOS range
up to 10 km

operating mode
impulse

battery power
3 days



Mobile module

Small and light, it can be installed in virtually any vehicle / facility. It has an autonomous power supply, independent of the "carrier", equipped with a high-class GPS receiver that ensures very good accuracy. A small antenna provides communication with the finder module. The mobile module remains radio passive until the query is sent by the search module, unlike other solutions, it does not "sow" in the air, which effectively makes it difficult for unwanted people to find the "carrier"

battery
up to 7 days

operating mode
passive transmitter

Ground unit

Dimensions	135x56x81 mm
Weight	850 g
Working time	
Input voltage	Li - Ion, 9 - 36 V
LOS range	50 km
NLOS range	up to 10 km (depending on terrain)
Transmitting power	max. 3 W
Frequency	433 - 438 MHz
Bandwidth	25 kHz

Mobile unit

Dimensions	73x53x45 mm
Weight	65 g
Working time	
Radio activity	passive only