



PROD TAG 710

SPECIFICATION AND USE

PROD TAG 710 – is a positioning tag placed on mobile objects or people. Using Global Navigation Satellite Systems (GPS or GLONASS), it provides precise positioning throughout a site.

The tag is equipped with a panic button that allows to send alarm to control room of RealTrac system. A compact size, light weight, ergonomic design and IP67 rate make PROD TAG 710 the perfect solution for onsite positioning systems.

PROD TAG 710 supports hybrid positioning function: in addition to GPS tracking outdoors it also supports zone positioning indoors

FUNCTIONALITY

Application area:

- Open cast mining;
- Industrial plants;
- Construction sites;
- Logistic centers and sea ports;

LoRa (Long Range) technology-based integration with RealTrac system allows to get rid of cost-sensitive WiFi/GSM solutions deployment. LoRa is a long-range wireless communication protocol that competes against other low-power wide-area network wireless such as narrowband IoT. Compared to those, LoRa achieves its extremely long range connectivity, possible 2km+, by trading off data rate.

This is crucial for companies with vast sites when it is ineffective to deploy other data transmission systems.

The tag features an build-in battery with wireless charging that provides tag with up to 16 hours of life.



PROD TAG 710 SPECIFICATION

PARAMETER	VALUE
Positioning type	Zone, GNSS (Global Navigation Satellite Systems)
Supported Positioning Systems	GPS, GLONASS, BLE 5.0
Backbone radio standard	865-869 MHz, 915-923 MHz (Band 18)
Server Connectivity	LoRa (Long Range)
Antenna	Internal
Protection level	IP67
Buttons	Alarm, On/Off
Operating conditions	-40 to +45°C, rH <85%
Storage conditions	-10 to +60°C, rH <70%, non-condensing
Dimensions, mm ³	126 x 79 x 20
Weight, g	170
Charger	Contactless, Qi
Battery life, hrs	At least to 14
Charging time, hrs	Up to 6

REALTRAC SYSTEM INTERFACE

