



## PROD TAG 720

### SPECIFICATION AND USE

**PROD TAG 720** – is a positioning and collision awareness equipment tag placed on mobile equipment or people. With the use of Global Navigation Satellite Systems (GPS or GLONASS), it provides precise positioning throughout a site.

The tag is equipped with a button that allows sending alarm signal to RealTrac control system. A compact size, light weight, ergonomic design and IP67 rate make PROD TAG 720 the perfect solution for onsite positioning and collision awareness systems.

PROD TAG 720 supports hybrid positioning function: in addition to GPS tracking outdoor it supports zone and precise positioning indoor (BLE and UWB technology). The tag also supports collision avoidance system.

### FUNCTIONALITY

Application area:

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

PROD TAG 720 applies LoRa (Long Range) technology. LoRa is a long-range wireless communication protocol that outperforms other low-power wide-area wireless network technologies with extremely long connection range (up to 2km+) and cost.

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

The tag features with built-in battery that ensures tag operation lasting from 12 hours to couple days (depending on application).



GNSS  
Zone  
Precise



CAS



## PROD TAG 720 SPECIFICATION

PARAMETER	VALUE
Positioning type	Zone, Precise, GNSS, CAS
Supported Positioning Systems	GPS, GLONASS, BLE, UWB
Backbone radio standard	868 MHz, 915-923 MHz, 2,4 GHz, 3,8-7 GHz
Server Connectivity	LoRa (Long Range)
Antenna	Internal (UHF, BLE, UWB, LoRa, GNSS)
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 <sup>3</sup>	126 x 79 x 20
Weight, g	170
Charger	Contactless, Qi
Battery life, hrs	At least 14
Charging time, hrs	Up to 6

## REALTRAC SYSTEM INTERFACE

