



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 ³	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

