PROD VTAG 100

SPECIFICATION AND USE

PROD VTAG 100 – vehicle tag is an integral part of RealTrac monitoring system designed to track the location of vehicles in real-time. PROD VTAG 100 is suitable for transmitting vehicle positioning data in indoor areas. The vehicle positioning data is registered at RealTrac server and can be supplied to RealTrac operator display or various monitoring or management information systems via API.

RealTrac software allows for continuous monitoring of the positioning of a vehicle and generates standardized or customized reports to improve vehicle usage efficiency, labor safety and control entrance into dangerous or restricted zones.

Zone

FUNCTIONALITY

Indoor positioning of PROD VTAG 100 is facilitated with RealTrac indoor zone positioning infrastructure. Accuracy of zone positioning in indoor areas depend on RealTrac infrastructure configuration and can be tuned up to the actual needs of the end-users.

Robust design and IP67 casing make PROD VTAG 100 suitable for permanent installation on industrial vehicles engaged in mining, construction industries, large logistics facilities, seaports and other industrial applications.

PROD VTAG 100 is connected to vehicle onboard power supply. It's optionally equipped with an internal battery to ensure the vehicle visibility for RealTrac system when the engine is off or onboard vehicle power supply becomes unavailable. The inbuilt battery power supply can support the visibility of the vehicle in RealTrac monitoring system for few months depending on the positioning refresh rate.

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PROD VTAG 100 SPECIFICATION

PARAMETER	VALUE
Positioning type	Zone
Power supply, V	DC 8-30
Range of working frequencies	865-868 MHz, 915-923 MHz, 2,4 GHz
Radio standard	IEEE 802.15.1
Antenna	Built-in (UHF, BLE)
Transmission power	Up to 2,5 mV
Principle materials	Polymer
Ingress Protection	IP 67
Operating Temperature Range, °C with relative air humidity, %	-40 to +45°C, rH <85%, non-condensing
Dimensions, mm	164 x 149 x 76
Weight, kg	0,65
Power supply	Vehicle power system

REALTRAC SYSTEM INTERFACE

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