



PROD VTAG 200

SPECIFICATION AND USE

PROD VTAG 200 – vehicle tag is an integral part of RealTrac monitoring system designed to track the location of vehicles in real-time. PROD VTAG 200 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 provides 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.

Transport tag PROD VTAG 200 supports collision awareness system.

FUNCTIONALITY

Indoor positioning of PROD VTAG 200 is facilitated with RealTrac indoor zone and precise positioning infrastructure. Accuracy of precise positioning in indoor areas is typically 1m. Accuracy of zone positioning in indoor areas depends 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 200 suitable for permanent installation on industrial vehicles engaged in mining, construction industries, large logistics facilities, ports and other industrial applications.

PROD VTAG 200 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 a few months depending on the positioning refresh rate.



Zone
Precise



Collision
Awareness System

PROD VTAG 200 SPECIFICATION

PARAMETER	VALUE
Positioning type	Precise, zone, CAS
Power supply, V	DC 8-30V
Range of working frequencies	865-868 MHz, 915-923 MHz, 2,4 GHz, 3,8 GHz
Radio standard	IEEE 802.15.1, IEEE 802.15.4c
Antenna	Built-in (UHF, BLE, UWB)
Transmission power	Up to 2,5 mV
Principle materials	Polymer
Ingress Protection	IP67
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	0,7
Power supply	Vehicle power system

REALTRAC SYSTEM INTERFACE

