



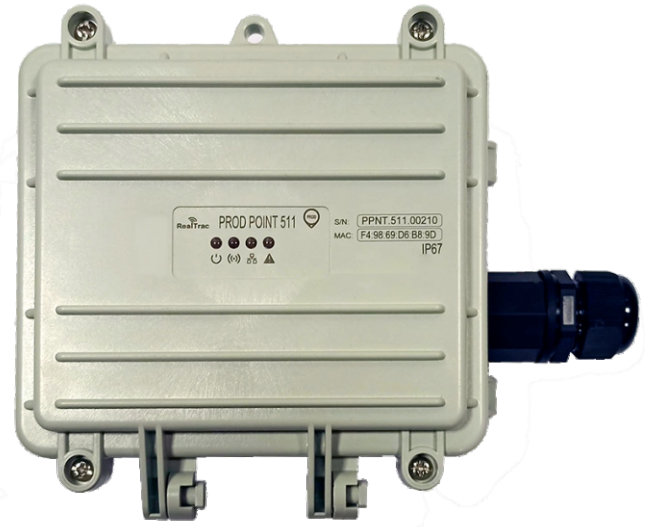
## PROD POINT 510

### DESCRIPTION AND PURPOSE

PROD POINT 510 - access point is a multipurpose stationary device that provides data transmission between mobile devices (tags) and other access points over a radio channel. PROD POINT 510 is a part of the RealTrac Positioning system.

PROD POINT 510 functionality includes localization of a mobile device that is a part of the RealTrac system within the coverage area and data transmission to the location engine.

IP67 rating enables PROD POINT 510 anchor to be utilized in harsh environments of mining and industrial zones.



### CAPABILITIES

It significantly enriches the functionality of the system, for instance, it can provide:

1. Zone positioning of vehicles equipped with RealTrac Collision Awareness System;
2. Full coverage of the premises area;

The PROD POINT 510 has been specially designed for the use in aggressive environment. Its casing is IP67 that ensures complete dust and sufficient water protection.

#### Device modifications

- PROD POINT 511
- PROD POINT 512



Zone



CAS



## PROD POINT 510 SPECIFICATION

PARAMETER	VALUE
Input voltage, V	PoE 48V, DC 5-30V
Max input current, mA	< 400
Bandwidth	865-869 MHz, 915-923 MHz, 2,4 GHz
Radio standard	IEEE 802.15.1, IEEE 802.15.4c
Signal encoding method	GFSK, OQPSK
Channel capacity	< 1 Mbps
Power transmitter	≤ 25 mW
Antenna type	Internal (UHF, BLE)
Ingress Protection	IP67
Mode	Continuous
Dimensions, mm	164 x 149 x 76
Weight, kg	0,7
Power Supply	POE or AC/DC (optional)

## POWER SUPPLY SPECIFICATION

PARAMETER	VALUE
Input voltage AC, V	90-264
Output voltage DC, V	5
Max input current, A	0-2
Outputs	1
Capacity, W	12
Temperature range, °C from 0	0 to +50°C
Isolation Input -> Output	3000 V AC
Dimensions, mm	65 x 47 x 26
Weight, kg	0,15

The anchor does not require a power supply when powered by PoE.