



## PROD POINT 515

### DESCRIPTION AND PURPOSE

PROD POINT 515 - 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 515 is a part of the RealTrac Positioning system.

PROD POINT 515 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 515 anchor to be utilized in harsh environments of mining and industrial companies.

### CAPABILITIES

The basic version of an access point features zone and precise positioning capabilities. Additional features of an access point include:

1. Full coverage of the premises area;
2. Voice communication over a digital interference-free channel;
3. Collection, processing and transfer of information received from third-party.

The PROD POINT 515 has been specially designed for the use in aggressive environment. Its case has IP67 that ensures complete dust and sufficient water protection.



## PROD POINT 515 SPECIFICATION

PARAMETER	VALUE
Input voltage, V	4,2
Max input current, mA	< 400
Bandwidth	865-915 MHz, 2,4 GHz, 3,8 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	External (UHF, BLE), Internal (UWB)
Principle materials	High strength polymer
Ingress Protection	IP 67
Dimensions, mm	164 x 149 x 76
Weight, kg	0,7
Power Supply	POE or AC/DC

## 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.