



PROD TAG 100

DESCRIPTION AND PURPOSE

PROD TAG 100 is a part of a unified management information positioning RealTrac system. Its main function is personnel or assets localization within the area equipped with access points.

PROD TAG 100 is remarkable for its small size, light weight, simple and elegant design. These characteristics in conjunction with Ingress protection IP65 make PROD TAG 100 the best possible solution for the indoor use, for instance, in the offices, hospitals, warehouses, etc.

The tag runs up to 3 years with the built-in battery.



CAPABILITIES

The device is equipped with Bluetooth Low Energy module (2,402-2,48 GHz) and is designed for delivering signals to stationary elements of the positioning system (access points). Thus, an access point can measure the distance to tag and send the data to the server.



PROD TAG 100 SPECIFICATION

PARAMETER	VALUE
Positioning type	Zonal
Positioning range, m	< 100
Input voltage, V	3,7
Max input current, mA	< 3,5
Bandwidth	2,4 - 2,48 GHz
Radio standard	IEEE 802.15.1
RFID type	Yes (EM-Marin)
Power transmitter	< 4,5 mW
Antenna type	Built-in
Ingress Protection	IP65
Mode	Continuous
Dimensions, mm	86 x 54 x 4,5
Weight, g	18
Temperature range, °C at the relative humidity, %	from -20 to +60 °C when humidity 85%

POWER SUPPLY SPECIFICATION

PARAMETER	VALUE
Type	Li-MnO2 battery

