



BASE TAG 200

DESCRIPTION AND PURPOSE

BASE TAG 200 is a part of a unified management information positioning system. Its main function is personnel or assets accurate localization within the area equipped with access points.

BASE TAG 200 is remarkable for its small size, light weight, simple and elegant design. These characteristics in conjunction with Ingress protection IP54 make BASE TAG 200 the best possible solution for the indoor use, for instance, in the offices, hospitals, warehouses, etc.



CAPABILITIES

BASE TAG 200 is augmented with a built-in battery that ensures extra-long tag lifetime and the panic button so that a person can request help and let his/her location be known in case of emergency.

Tag's scope of application:

- Office building;
- Hospital, outpatient department or healthcare center;
- Warehouse or logistics center;
- Industries and manufactures;

High-capacity built-in battery provides long-term operation without recharge.



BASE TAG 100 SPECIFICATION

PARAMETER	VALUE
Positioning type	Accurate
Input voltage, V	4,2
Max input current, mA	< 400
Bandwidth	868 MHz, 2,4 - 2,48 GHz
Radio standard	IEEE 802.15.1, IEEE 802.15.4c, IEEE 802.15.4a
Signal encoding method	GFSK, OQPSK
Channel capacity	< 1 Mbps
Power transmitter	2,5 mW
Antenna type	Built-in
Ingress Protection	IP54
Mode	Continuous
Dimensions, mm	85 x 48 x 15
Weight, kg	0,05
Temperature range, °C at the relative humidity, %	from -5 to +50 °C when humidity 85%

POWER SUPPLY SPECIFICATION

PARAMETER	VALUE
Input voltage, V	140-240
Output voltage, V	5
Max input current, A	2,1
Outputs	2
Capacity, W	7
Temperature range, °C from 0	from 0 to +50 °C
Weight, kg	0,055