



Solution

Trackgent RTLS solution is based on a 3-component hardware set composed of smart tags, anchors and gateways. It allows positioning of objects with high accuracy, up to 20 cm, in confined spaces. System uses Ultra-Wideband (UWB) radio technology. It is independent from other location and navigation systems e.g. GPS.

Tag

Trackgent tag is an ergonomic identifier allowing to effectively determine the location of its holder - a person, an object or a device. Held by a user, in a form of a personal badge, tag serves as an impulse to be located.



Lithium-ion battery that allows 30 days of continuous operation.



Qi inductive or USB-C charging.



A multi-colored LED indicating battery status.



ABS plastic enclosure with 2 holder options.

trackgent e-ink tag

A personalized tag with a high-quality e-ink display that allows user's data or photo to be indicated.

General features

Location technology

Ultra Wideband UWB, 6.49 GHz Center Frequency Nominal (Channel 5 - 500 MHz BW); IEEE 802.15.4z-2020

Power supply

Rechargeable Li-Ion 3.7 V, 600 mAh

Wired charging

USB-C, 5 V, 150 mA

Wireless charging

Qi 1.2, 150 mA

Dimensions

64,5 x 102,5 x 7,4 mm

Weight

29 g

Degree of protection

IP21

Status signaling

Multicolor LED + vibration

Display

e-ink (2,9")

Compliance

CE

Environmental features

Operating temperature

0-50 C

Storage temperature

-25-70 C

Operating humidity

20 ~ 95% RH (non-condensing)

Storage Humidity

0 ~ 95% RH (non-condensing)