

TD-TB

Softgent

trackgent universal tag




A battery powered tag in small form factor enclosure that can be attached to the object or a person that needs to be located.


Solution


Trackgent RTLS solution allows tracking location of objects indoor and outdoor with high accuracy, down to 20cm granularity. The system is comprised of 3 key HW components - Tags, Anchors and a Server. System uses Ultra-Wideband (UWB), an RF technology that is independent from any other location systems e.g GPS.


Tag

Trackgent tag is a small device that can be attached to an object or a person to track their location. It communicates with Trackgent Anchors in order to signal its position to the Trackgent RTLS system. Optional holders that allow the tag to be attached to different objects are available.

 CR2450 battery that allows up to 2 years of continuous operation.

 Replaceable battery - no need to charge!

 A multi-colored LED indicating battery status.

 ABS plastic enclosure with various holder options.

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

CR2450 3V, 620 mAh, replaceable

Dimensions

50 x 50 x 14 mm

Weight

21 g

IP rating

IP21

Status indication

Multicolor LED

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)

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