

RTLS “assetTAG-c”

Rugged nanoTag for long-term mass tracking of assets

The “assetTAG-c” is designed for large industry RTLS deployments for asset tracking with long range accessibility of 300+ meters lasting two years or more.

The “assetTAG-c” starts working immediately after activation. With “activation on motion” and “heartbeat messages” while stationary, the Tag’s design fits perfectly for warehouse, factory and any in- or outdoor tracking of fixtures, tools, pallets, inventory, carts, trolleys, vehicles or robots.

By tailoring the feature-set of the Asset-Tracking application and Tag, nanotron were able to minimize the price of the Tag.

Feature-Set

- ▶ **Chirp inside:**
 - ▶ 300m+ range at 1m accuracy
 - ▶ CSMA support to mitigate interferences
 - ▶ BLINKs are efficient ToF RF-packets sent by the Tags supporting scalability
- ▶ **Long Lasting Primary-Cell**
 - ▶ “Stationary detection” triggers: 1h blink
 - ▶ “Motion detection” triggers: 10s blink
- ▶ **Rugged:** IP65 housing resists warehousing factory dirt and shock
- ▶ **Industrial design:** RED and FCC certified.
- ▶ **Scalability:** allows to expand deployments to thousands of concurrent tracked assets
- ▶ **Configuration Over The Air (OTA)** eases any change in the deployment wirelessly
- ▶ **Sensor data:** transmits location information, battery status, 3D-ACC and temperature
- ▶ **Tracking:** works with nanotron’s trusted location engine deployed Worldwide for 10+ years
- ▶ **Flight safe:** inactive and flight safe battery until simple onetime button activation
- ▶ **Add transparency:** the additional available IoT Platform adds monitoring, analytics and alarm settings using the Tag’s sensor data



Small dimensions: 93.6 x 43.3 x 14.0 mm
Target dimensions: 50 x 35 x 20 mm

The “assetTAG-c” reduces time-to-market and cost with its deployment-ready design.

Order No.	Description
PN01ASSTG	“assetTAG-c” is an IP65 nanoTag for tracking of assets in e.g. warehouses or factories

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About nanotron

nanotron is a leading provider of electronic location awareness solutions. If knowing what, where and when is mission-critical to your business, rely on nanotron with Location Running. nanotron’s solutions deliver precise position data augmented by context information in real-time. Location Running means, reliably offering improved safety and increased productivity, 24 hours a day, 7 days per week: Location-Awareness for the Internet of Things (IoT).

nanotron Technologies GmbH is a wholly owned subsidiary of Sensera Limited (ASX: SE1), an IoT solution provider that delivers sensor-based products transforming real-time data into meaningful information, action and value.

Visit www.nanotron.com for more information on nanotron’s complete line of products and tools or write to us at nanotron Technologies GmbH, Alt-Moabit 60a, 10555 Berlin, Germany.

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 Sensera Limited (ASX:SE1)