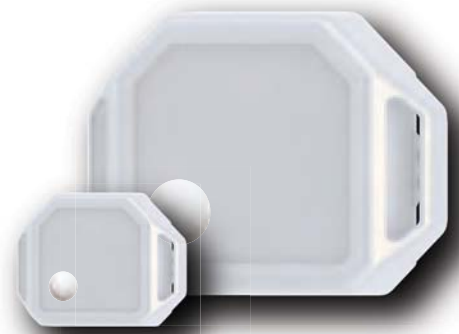


LiCare Tag

Li3 SERIES | SKU: 6360000010 | Product Datasheet

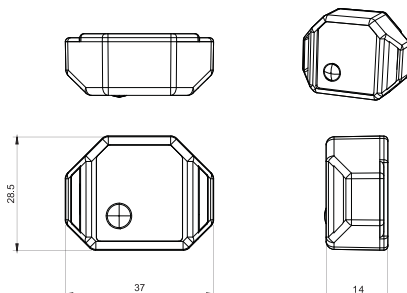


OVERVIEW

Litum LiCare Tag is a compact yet powerful tracking device developed to support newborn safety in healthcare environments. Worn by caregivers, it allows secure pairing with an infant's Little Tag through a simple button press, ensuring that only authorized individuals handle or transport the baby. Combining Bluetooth Low Energy (BLE) and Ultra-Wideband (UWB) technologies, the Life Tag delivers accurate and reliable real-time location tracking. Its waterproof, disinfectable, and hypoallergenic design makes it ideal for continuous clinical use.

As part of the Litum product suite, the LiCare Tag ensures seamless integration and high-precision tracking within healthcare environments. Fully compatible with the LenelS2 OnGuard® access control system, Litum's RTLS technology interfaces seamlessly with hospitals' comprehensive security management systems, providing a unified approach to safety and incident management in healthcare facilities.

DIMENSIONS



HIGHLIGHTS

- **Small, light**, and comfortable for all-day caregiver use, with durable materials and rounded edges.
- **Certified with IP67**, it is waterproof and can be thoroughly cleaned and sterilized.
- **Hybrid location technology** supporting UWB and BLE capabilities, offering high-precision tracking. Litum's UWB technology delivers sub-meter location accuracy, critical for highly time-sensitive abduction cases.
- **Tamper-proof** tags and loose detection capability ensure security and integrity.
- **Acceleration sensors** provide motion detection capabilities.
- Supports **radio-based access control**.
- **Over-the-air firmware updates** reduce downtime and allow easy rollout of improvements or security patches.
- **Built-in button** allows easy and secure pairing with the infant's Little Tag, ensuring authorized caregiver-infant association
- **Assigned to caregivers** to ensure secure infant handoff and prevent mismatches.

USE CASES

Oversight: Ensures round-the-clock monitoring of newborns' locations to mitigate risks of unauthorized movements. UWB technology offers precise location tracking within the facility.

Infant Abductions: The solution prevents unauthorized attempts to move newborns, significantly reducing the risk of abductions.

Newborn Mix-ups: Tags are paired with mother and caretaker badges to prevent mix-ups and ensure that babies are always matched with the correct parent.

Access Control: Caretakers are allowed to pass only when permissions are given; otherwise, doors will be locked or elevators will be inactivated.

Declaration of Conformity

Litum Bilgi Teknolojileri San. Ve Dış Tic. A.Ş. hereby declares that this Li3 Series - LiCare Tag is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU.

In accordance with Article 10(2) and Article 10(10), This product is allowed to be used in all EU member states.



KEY FACTS

Physical and Environmental

Dimensions	37 x 28.5 x 14 mm (1.46 x 1.12 x 0.55 inches)
Weight	15 g (0.53 oz)
Material Type	ABS
Color Options	White
Battery Type and Capacity	3.7V 160 mAh Li-Po
Battery Life	Up to 5 weeks
Ingress Protection	IP67
Accessories	Wristbands
Operating Temperature Range	-10°C to +60°C (14°F to 140°F)
Storage Temperature Range	-10°C to +60°C (14°F to 140°F)
Humidity Tolerance	0% to 95% non-condensing

Hardware and Connectivity

LED Indicators	Charging, Status, Activity
Motion Sensor	Yes
Tamper Detection	Yes
Connectivity Ports	Wireless only
Firmware Upgrade	OTA (Over-the-Air)
Loosen Detection	Yes
Communication Protocols	BLE, UWB

Regulatory Compliance

Industry Standards Compliance	FCC (Federal Communications Commission) - <i>in progress</i> CE (Conformité Européene) - <i>in progress</i> IC (Industry Canada) - <i>in progress</i> RoHS (Restriction of Hazardous Substances Directive) - <i>in progress</i> RCM (Regulatory Compliance Mark) - <i>in progress</i>
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FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.

Li3 Series - LiCare Tag belongs to FCC Part 15.517 indoor UWB systems.

"This equipment may only be operated indoors. Operation outdoors is in violation of 47 U.S.C. 301 and could subject the operator to serious legal penalties."

The EUT antenna is a Chip Antenna. It is installed at the factory and cannot be easily replaced by customers.

IC Warning

This device complies with Innovation, Science and Economic Development Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

The device has been evaluated to meet general RF exposure requirement.

The device can be used in portable exposure condition without restriction.

Cet appareil est conforme aux normes RSS sans licence d'innovation, sciences et développement économique Canada. Les opérations sont soumises aux deux conditions suivantes:

- (1) Ce dispositif ne peut causer d'interférences ; et
- (2) Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

Le dispositif a été conçu pour répondre à la demande générale de radioexposition.

Note: The antenna of the ultra-wideband device has been installed at the factory and cannot be modified by the user. This UWB product is designed for indoor use only

Note : L'antenne du dispositif ultra-large bande a été installée en usine et ne peut pas être modifiée par l'utilisateur. Ce produit UWB est conçu uniquement pour un usage en intérieur.