

IT-724E newmom™ Tag



RTLS PLATFORM
INTEGRATION



AUDIBLE & LED
ALERTS



WATER
RESISTANT



LOW POWER
CONSUMPTION

- Gen2IR™ Technology for Clinical-Grade Locating™ applications on CenTrak's Orion Platform
- Integrates with newborn SecureTag and Umbilical Tags
- Audible and LED matching alerts with CenTrak newborn™ tags
- Integrates with CenTrak's RTLS and Security Solutions platforms
- Ensure proper matching of mom and baby
- Small size and lightweight
- Water resistant and easy to clean
- Low power consumption for long lasting battery life
- Low Frequency (LF) sensor
- Supports multiple infants for each Mother



The IT-724E newmom tag is part of the Security Solutions platform that makes up the CenTrak newborn Infant Protection System. CenTrak's platform enables facilities to ensure mothers and families peace of mind that their babies are protected and always properly matched with their moms. The IT-724E H is a battery powered RF/IR Tag that attaches to new mothers and may be worn on standard issued medical ID bracelets.

The IT-724E tag utilizes CenTrak's Gen2IR™ and Low Frequency RF to support Clinical-Grade Locating™ applications. Gen2IR™ enables certainty-based accuracy at the bed-, bay- and chair-level, rapid location update speeds and extreme battery life. The IT-724E tag generates a LED and audible alert if the wrong infant is matched with the wrong mother and is advanced enough to have up to four multiple newborn tags matched with a single newmom tag for multiple births.

Technical Specifications

Operation

FCC Operating Frequency Range	902-928 MHz (Model #IT-723E)
CE Operating Frequency Range	868-870 MHz (Model #ITEU-723E)
Group code & tag ID codes	8M codes
Outdoor transmission range	> 300 feet
Average transmission power	2 uW (average)
Gen2IR sensor	YES
Low Frequency sensor	YES, 125 KHz
Smart tag features	LED remote activation, low battery indicator, Audible and LED matching alerts
Motion Sensor	YES

Tag Dimensions

Case width	1.5 in (38.1 mm)
Case height	1.98 in (50.3 mm)
Case width	0.6 in (15 mm)
Case weight (with battery)	0.77 oz (21.8 g)
Construction	ABS & Poly Carbonate mixture

Attachment Options

Wrist Strap	Model # ITA-754
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Power

Battery type	Lithium CR2430
Smart tag feature	Low battery indication

Environmental/Cleaning

Operating Temperature	0 C to +70 C
Storage temperature	-25 C to +80 C
Sealing	Splash & Water resistant
Tag cleaning method	Wipe cleaning method only. See CenTrak Tag Disinfection Guide for Instructions.

This component complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: 1) The device may not cause harmful interference, and 2) this device must accept any interference received, including interference that may cause undesired operation. Modifying or tampering with the transceiver's or receiver's internal components can cause a malfunction, invalidate the warranty, and will void FCC authorization to use these products. This product or its systems are covered by one or more of the following U.S. patents: 5,917,425, 7,061,428, 7,378,964, 7,619,532.

L' utilisation de ce dispositif est autorisée seulement aux conditions suivantes : (1) il ne doit pas produire de brouillage et (2) l' utilisateur du dispositif doit être prêt à accepter tout brouillage radioélectrique reçu, même si ce brouillage est susceptible de compromettre le fonctionnement du dispositif.

Contact Us: www.centrak.com | marketing@centrak.com | 800-515-2928