

## CenTrak Alert Tag IT-753\*



IT-753 CenTrak Alert Tag



IT-753 CenTrak Alert Tag shown with attachment accessories

- Audible Sound Alert Capability
- LED Flash Alert Capability
- Staff Duress Call
- Designed for use with the CenTrak Hand Hygiene Compliance System
- Attaches to a standard hospital issued ID Badge
- CenTrak Hybrid RTLS Technology for room and bed-level accuracy

The Alert Tag (IT-753) has the capability of alerting with audible sound. The Alert Tag is available with a staff badge holder and comes standard with 1 programmable button.

This tag was developed to work along with the Hygiene Monitor as part of the CenTrak Hand Hygiene Compliance System, but can also be used for solutions such as staff locating, staff duress call and workflow optimization. When used for hand hygiene compliance, it works as a proactive reminder to caregivers of non-compliance events; the system automatically captures a specific caregiver's badge ID and entry to and exit from patient care areas along with hand hygiene events. The Hygiene Monitor communicates each event to the network and records each caregiver's compliance performance. All of the recorded data is stored on CenTrak's local or hosted server and can be accessed by compliance management and reporting solutions. The battery powered Hygiene Monitors can be mounted to any dispenser, canister, pump, or sink to track their usage.

### About CenTrak Hybrid RTLS Technology™

The CenTrak core RTLS differs from legacy in its combined use of a patented second-generation infrared (Gen2IR™) and active RFID technology. Battery-powered Monitors transmit a unique room number using Gen2IR which is received by any tag in that room. The tag communicates the room number and its own unique ID via RF to the CenTrak Location Server using a hospital's existing wired or WiFi network, where it can be accessed in real-time by hospital personnel and integrated with third party solution providers.

Similar to light, Gen2IR will not pass through walls and does not suffer from traditional infrared line-of-sight limitations. Therefore, when a tag reads a room number, there are no errors. This is certainty-based RTLS. Unlike estimation-based information, certainty based location data can be used by hospitals to make important improvements to process flow and automate decision making. Most healthcare workflow improvements can only be realized when the location data is certainty-based.

*\*IT-753 is for use with the CenTrak 2.0 system. Order IT-751 for use with the 1.0 system.*

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## CenTrak Staff Badge IT-743\* Technical Specifications



IT-753 CenTrak Alert Tag



### Operation

FCC Operating Frequency Range	902-928 MHz (Model #IT-753)*
CE Operating Frequency Range	868-870 MHz (Model #ITEU-753)*
Group code & tag ID codes	2M codes
Outdoor transmission range	> 300 feet
Average transmission power	2 uW (average)
Smart tag features	1 button, LED, low battery
Motion Sensor	YES

### Attachment Options

Clip-on back attachment	Clip attaches to lanyard or clothing (pocket, shirt, jacket)
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### Tag Dimensions

Case width	1.5 in (38.48 mm)
Case height	1.98 in (50.36 mm)
Case width	0.6 in (15 mm)
Case weight	(with battery) 1.1 oz (34.02 g)
Construction	Heat reflective poly carbonate

### Environmental

Operating Temperature	0 C to +70 C
Storage temperature	-25 C to +80 C
Sealing	Splash resistant

### Power

Battery type	Lithium CR2340
Smart tag feature	Low battery indication

**Note:** Must use CenTrak Disinfection procedure. Other methods may void product warranty.  
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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.

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.

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